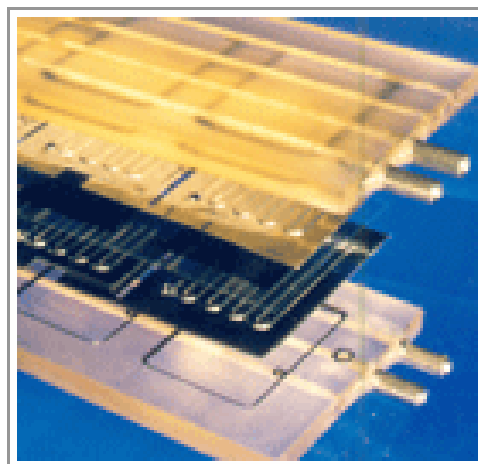


Pedidos de Patente de Tecnologias Relativas a Células a Combustível



Pedidos publicados no
1º semestre de 2010

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL - INPI

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1 - INTRODUÇÃO

1.1 - ALERTA TECNOLÓGICO

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia e de franquias, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Divulgação, Documentação e Informação Tecnológica (CEDIN), subordinado à Diretoria de Articulação e Informação Tecnológica (DART), mantém um acervo com a descrição dos pedidos de patente e de registros de desenho industrial. Uma de suas atribuições é divulgar e disseminar a utilização destas informações bibliográficas e técnicas. Para tanto, o CEDIN dispõe da Divisão de Estudos e Programas – DIESPRO, cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual pode-se ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação (livros, artigos técnicos etc.).

O objetivo desta publicação semestral é o de alertar sobre os principais depositantes de patente em determinado setor e período de tempo, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período. Desta forma, busca-se contribuir para a atualização periódica do público alvo deste Alerta Tecnológico.

Mais detalhes sobre cada pedido de patente como resumo, nome(s) do(s) inventor(es), cópia do documento completo etc. podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na internet:

1. Base Brasileira de Pedidos de Patente¹: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes²: <http://ep.espacenet.com>
3. Base do Escritório Americano de Patentes³: <http://www.uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) aos pedidos de patente estrangeiros (família do pedido de patente⁴) listados na Tabela nº 2, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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e-mail: cedin@inpi.gov.br

As cópias integrais dos pedidos de patente de interesse podem ser solicitadas por meio do endereço copdocpat@inpi.gov.br ou por correio postal ao endereço anteriormente mencionado.

¹ Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.

² Contém pedidos de patente depositados e publicados em mais de 70 países.

³ Contém somente pedidos depositados e publicados nos Estados Unidos.

⁴ Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patentes refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

1.2- PEDIDOS DE PATENTE DE TECNOLOGIAS RELATIVAS A CÉLULAS A COMBUSTÍVEL

O alerta da comunidade científica sobre os efeitos do aquecimento global provocado pelo aumento da emissão de gases de efeito estufa, e a instabilidade no suprimento de combustíveis fósseis, têm provocado em vários países a intensificação nas pesquisas para aumentar a participação das fontes renováveis e limpas na matriz energética. Neste contexto, a célula a combustível, uma tecnologia que utiliza hidrogênio e oxigênio para gerar energia elétrica, energia térmica e água, apresenta-se como uma alternativa ambientalmente aceitável com baixas emissões de poluentes. As aplicações desta tecnologia incluem a geração de energia elétrica estacionária e a utilização em transporte e em equipamentos portáteis.

No Brasil, o Programa de Ciência, Tecnologia e Inovação para a Economia do Hidrogênio, elaborado pelo Ministério da Ciência e Tecnologia (MCT), tem como objetivo promover ações integradas e cooperadas, que viabilizem o desenvolvimento nacional da tecnologia de hidrogênio e de sistemas de célula a combustível, com vistas a inserir o Brasil na economia do hidrogênio.

Assim, o INPI, por meio do CEDIN, vem prestar sua colaboração com a divulgação das informações contidas em documentos de patentes publicados sobre células a combustível e, conseqüentemente, facilitar ao público interessado o acesso a estas informações.

O objetivo do presente trabalho consiste em divulgar, semestralmente, os pedidos de patente publicados no mundo relacionados às células a combustível.

Para este levantamento, foram selecionados os pedidos de patente que contêm pelo menos uma das classificações internacionais discriminadas a seguir:

H01M 8/00 – Células a combustível; Sua fabricação.

H01M 8/02 – Detalhes;

H01M 8/04 – Disposições ou processos auxiliares, por ex., para o controle da pressão, para a circulação de fluidos;

H01M 8/06 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/08 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/10 – Células combustível com eletrólitos sólidos;

H01M 8/12 – Funcionando à alta temperatura, por ex., com um eletrólito ZrO_2 estabilizado;

H01M 8/14 – Células combustível com eletrólitos fundidos;

H01M 8/16 – Células combustível bioquímicos, i.e., células em que os micro-organismos atuam como catalisadores;

H01M 8/18 – Células combustível de regeneração;

H01M 8/20 – Células a combustível indiretas, por ex, células Redox (H01M 8/18 tem prioridade);

H01M 8/22 – Células a combustível em que o combustível é baseado em materiais compreendendo carbono, oxigênio ou hidrogênio e outros elementos;
Células a combustível em que o combustível é baseado em materiais compreendendo apenas elementos outros que não carbono, oxigênio ou hidrogênio;

H01M 8/24 – Arranjos de células a combustível em baterias, por ex, módulos.

2- RESULTADOS

No semestre pesquisado foram selecionados 3685 documentos de patente que abordam tecnologias relacionadas à células a combustível.

De acordo com o gráfico nº 1, pode-se identificar os países⁵ de prioridade (país ou organização onde foi realizado o primeiro depósito do pedido de patente) e observar a ocorrência de documentos em cada país. Foram considerados os países de prioridade que constam em 10 ou mais pedidos de patente. Este gráfico revela que os cinco principais países de prioridade⁶ são: Japão, Estados Unidos da América, Alemanha, Coreia, e China.

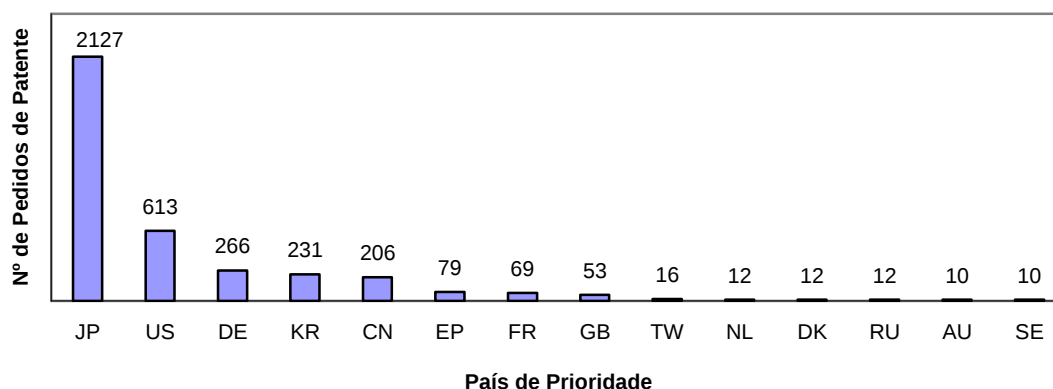
A partir dos resultados nele apresentados pode-se inferir que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados. Isto provavelmente é verdadeiro porque, geralmente, os depositantes solicitam a prioridade a partir de seus países de origem. Alternativamente, isto poderia indicar o interesse do primeiro depósito nos mercados destes países.

Existe uma grande concentração de pedidos com prioridade japonesa (cerca de 57%), o que reflete uma supremacia da pesquisa em mãos de empresas daquele país ou a escolha de primeiro depósito naquele país.

⁵ A lista com os códigos dos países está disponível no Anexo I.

⁶ Conforme estabelecido pela Convenção de Paris (CUP) em seu Art. 4º, o primeiro pedido de patente depositado em um dos países membros da Convenção serve de base para depósitos subsequentes relacionados à mesma matéria, efetuados pelo mesmo depositante ou por seus sucessores legais. Tem-se, assim, o **Direito de Prioridade**. O prazo para exercer tal direito é de 12 meses, para invenção e modelo de utilidade. Ver art. 16, da Lei da Propriedade Industrial (LPI), nº 9.279/96 – disponível em www.inpi.gov.br.

Gráfico nº 1: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 1º semestre de 2010 x País de prioridade



Fonte: INPI

O gráfico nº 2 permite o monitoramento das principais tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período. Para este levantamento, foram computadas somente as classificações presentes em mais de 100 documentos. Estas classificações permitem o monitoramento das tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período.

Pode-se verificar a seguir a descrição das classificações encontradas:

H01M8 - Células a combustível; Sua fabricação.

H01M4 - Eletrodos.

C01B3 - Hidrogênio; Misturas gasosas contendo hidrogênio; Separação do hidrogênio das misturas gasosas que o contém; Purificação de hidrogênio.

H01M2 - Detalhes estruturais ou processos de fabricação das partes não ativas.

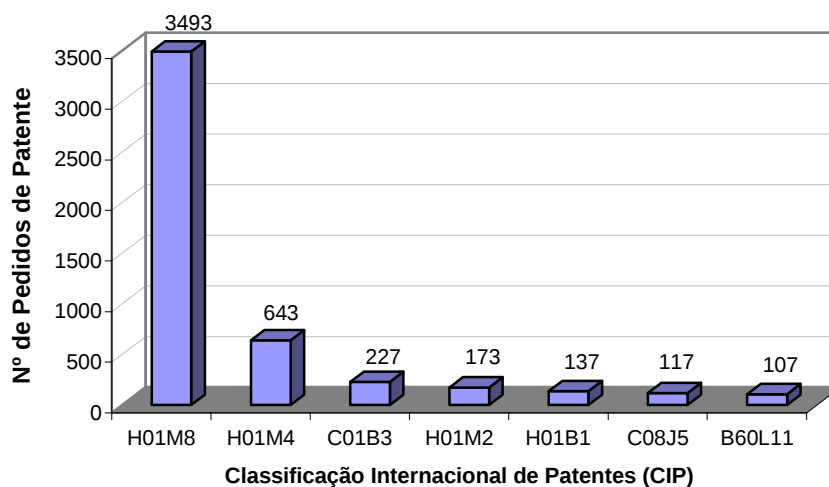
H01B1 - Condutores ou corpos condutores caracterizados pelos materiais condutores; Seleção de materiais para condutores.

C08J5 - Manufatura de artigos ou de materiais modelados contendo substâncias macromoleculares.

B60L11 - Propulsão elétrica com fonte de potência no interior do veículo.

Cotejando o resultado obtido das classificações nos Alertas publicados em março/2009, setembro/2009 e março/2010, disponíveis para consulta em <http://www.inpi.gov.br/menu-esquerdo/informacao/alertas-tecnologicos-por-tema>, observa-se que as 3 primeiras classificações identificadas acima são exatamente as mesmas, nesta ordem, encontradas nos trabalhos realizados anteriormente.

Gráfico nº 2: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 1º semestre de 2010 x Classificação Internacional de Patentes (CIP)



Fonte: INPI

Na tabela nº 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no 1º semestre de 2010, estando relacionados os que aparecem em 20 ou mais pedidos. A primeira coluna contém os nomes dos depositantes e a segunda, o total de documentos recuperados no período para cada empresa.

A partir desta tabela observa-se que das 14 empresas com maior número de pedidos depositados mais da metade é japonesa. Este dado encontra-se compatível com o resultado mostrado no gráfico nº 1, onde se encontra registrado que grande parte dos depósitos foram efetuados primeiro no Japão.

Cotejando o resultado obtido dos maiores depositantes nos Alertas publicados em março/2009, setembro/2009 e março/2010, disponíveis para

consulta em <http://www.inpi.gov.br/menu-esquerdo/informacao/alertas-tecnologicos-por-tema>, observa-se que as 3 primeiras empresas identificadas na tabela abaixo são exatamente as mesmas, com pequena alteração de ordem, encontradas nos trabalhos realizados anteriormente.

Observa-se a predominância das empresas com competência no setor automobilístico o que reflete a importância conferida à pesquisa para esta aplicação.

Tabela nº 1: Relação dos principais depositantes e do nº de pedidos de patente publicados no 1º semestre de 2010

Nome do Depositante ⁷	Total de Documentos
TOYOTA MOTOR CO LTD	158
HONDA MOTOR CO LTD	85
TOYOTA MOTOR CORP	77
PANASONIC CORP	74
GM GLOBAL TECH OPERATIONS INC	70
DAIMLER CHRYSLER AG	64
HYUNDAI MOTOR CO LTD	51
UTC POWER CORP	40
NISSAN MOTOR	36
COMMISSARIAT ENERGIE ATOMIQUE	34
SONY CORP	29
FORD GLOBAL TECH LLC	24
TOSHIBA KK	23
SUMITOMO CHEMICAL CO	21

Fonte: INPI

A tabela 2, a seguir, apresenta o número do pedido, com sua(s) prioridade(s), o(s) nome(s) depositante(s), a classificação internacional atribuída ao documento e seu título.

⁷ Algumas empresas identificadas podem fazer parte do mesmo grupo, mas, neste Alerta, os nomes dos depositantes são apresentados da mesma forma como foram recuperados.

Tabela nº 2: Dados bibliográficos dos pedidos de patente sobre tecnologias relativas a células a combustível publicados no mundo no 1º semestre de 2010

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
WO2010015092	US20080136034P 20080807	0798465 B C LTD [CA]; OLOMAN COLIN [CA]	H01M8/04; H01M4/86; H01M8/02; H01M8/24	MIXED REACTANT FLOW-BY FUEL CELL
AT467918T	DE20011032078 20010705; WO2002DE02446 20020704	2S SOPHISTICATED SYSTEMS LTD [GB]	H01M8/02; H01M8/24; H01M4/86; H01M8/00; H01M8/12	ELEKTRODENANORDNUNG
EP2146929	WO2008US60732 20080418; US20070747606 20070511	3M INNOVATIVE PROPERTIES CO [US]	C01B31/02; H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/10	MICROPOROUS CARBON CATALYST SUPPORT MATERIAL
US2010025879	US20070768621 20070626; US20020299144 20021119	3M INNOVATIVE PROPERTIES CO [US]	B29C47/10; B29B9/02; H01M8/02	HIGHLY FILLED COMPOSITE CONTAINING RESIN AND FILLER
US2010062314	US20090621795 20091119; US20040944998 20040920	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10	DURABLE FUEL CELL
WO2010025118	US20080091643P 20080825	3M INNOVATIVE PROPERTIES CO [US]	H01M4/86; H01M4/92; H01M8/10	FUEL CELL NANOCATALYST WITH VOLTAGE REVERSAL TOLERANCE
AT462748T	US20030661908 20030912; WO2004US21609 20040706	3M INNOVATIVE PROPERTIES CO [US]	C08J9/28; B01D67/00; B01D71/34; B29C55/00; B32B3/26; B32B5/14; B32B9/00;	MIKROPORÍSE PVDF-FOLIEN UND HERSTELLUNGSVERFAHREN DAF?R

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C08J5/22; H01M4/02; H01M8/10	
US2010159298	US20090644045 20091222; US20080139925P 20081222	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10; H01M4/86; H01M4/88	FUEL CELL MEMBRANE ELECTRODE ASSEMBLY WITH MULTILAYER CATHODE
US2010112388	GB20060014337 20060719; WO2007GB50421 20070719	ACAL ENERGY LTD [GB]	H01M8/00; H01M8/08; H01M8/18	FUEL CELLS
US2010112393	GB20060014338 20060719; WO2007GB50420 20070719	ACAL ENERGY LTD [GB]	H01M8/18; C07F17/02; H01M8/08	FUEL CELLS
EP2193568	WO2008GB50857 20080924; GB20070018577 20070924	ACAL ENERGY LTD [GB]	H01M8/18	REDOX FUEL CELL
EP2193567	WO2008GB50848 20080922; GB20070018349 20070920	ACAL ENERGY LTD [GB]	H01M8/10	FUEL CELLS
DK1846974T	IT2005FI00002 20050111; WO2005EP51423 20050329	ACTA S P A [IT]	H01M8/10	MEMBRAN-ELEKTRODE SAMLINGER TIL BRÖNDSTOFCELLER, DERES FREMSTILLING OG ANVENDELSE OG BRÖNDSTOFCELLER INDEHOLDENDE DISSE
EP2176913	WO2008IB52763 20080709; IT2007FI00152 20070710	ACTA S P A [IT]	H01M8/10; H01M2/16; H01M6/18	ELECTROCHEMICAL DEVICES CONTAINING ANIONIC- EXCHANGE MEMBRANES AND POLYMERIC IONOMERS
US2010151361	US20100694798 20100127;	ADAMS PAUL [US]; CURELLO ANDREW J [US]; FAIRBANKS	H01M8/02; B01J4/00;	FUEL CARTRIDGES FOR FUEL CELLS AND METHODS FOR MAKING SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20030679756 20031006	FLOYD [US]; LEFEBVRE GUY [FR]; LEFEBVRE YANN [FR]; FRIGIERE RENE [FR]; DOUCET MICHEL [FR]	B01J4/04; C01B3/06; H01M8/04; H01M8/06	
US2010075192	US20090430926 20090428; US20040979017 20041101; US20030515779P 20031030	ADAPTIVE MATERIALS INC [US]	H01M8/10	CURRENT COLLECTOR FOR SOLID OXIDE FUEL CELL TUBE WITH INTERNAL FUEL PROCESSING
US2010055520	US20090425206 20090416; US20040979017 20041101; US20030515779P 20031030	ADAPTIVE MATERIALS INC [US]	H01M8/18; H01M4/86; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL TUBE WITH INTERNAL FUEL PROCESSING
US2010047660	US20090546384 20090824; US20070900304 20070910; US20060843879P 20060911	ADVENT TECHNOLOGIES [GR]	H01M8/10; C07D401/02; C08F14/18; C08F226/06; C08L27/12; C08L39/04; H01M4/88	DEVELOPMENT AND CHARACTERIZATION OF NOVEL PROTON CONDUCTING AROMATIC POLYETHER TYPE COPOLYMERS BEARING MAIN AND SIDE CHAIN PYRIDINE GROUPS
US2010062293	US20090556622 20090910; US20080095779P 20080910	ADVENT TECHNOLOGIES [GR]	H01M8/04; H01M8/18	INTERNAL REFORMING ALCOHOL HIGH TEMPERATURE PEM FUEL CELL
US2010055512	US20090589914 20091030; US20070981202 20071031; US20030418737 20030417;	AEROVIRONMENT INC	H01M8/00; B64C3/14; B64D27/02; C25B1/00; C25B1/04;	ENERGY STORAGE SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20020373301P 20020417			
WO2010047661	US20080106933P 20081020	AGENCY SCIENCE TECH & RES [SG]; ZHANG XINHUI [SG]; HONG LIANG [SG]; LIU ZHAOLIN [SG]; TAY SIOK WEI [SG]	H01M2/16; B01D71/64; C08G73/18; C08G73/22; C08G75/32; H01M8/12	A NOVEL ACID-DOPED POLYMER ELECTROLYTE MEMBRANE
US2010135872	US20100689469 20100119; GB20030017575 20030726; US20050312378 20051221; WO2004GB02811 20040630	AGNEW GERARD D [GB]; CUNNINGHAM ROBERT H [GB]; BUTLER PHILIP D [GB]; COLLINS ROBERT D [GB]	B01J8/02; B01J10/00; C01B3/38; H01M8/06	REFORMER MODULE
US2010055519	US20090603606 20091022; GB20030017573 20030726; US20080222205 20080805; US20040883794 20040706	AGNEW GERARD D [GB]; CUNNINGHAM ROBERT H [GB]; SAUNDERS GARY J [GB]	H01M8/04; B01J19/00; B01J19/02; B01J19/24; B01J19/26; C01B3/24	PRE-REFORMER
US2010055537	US20080201199 20080829	AHN DONG JUNE [KR]	H01M4/92; H01M8/04	NANOPOROUS POLYMER FILM FOR EFFICIENT MEMBRANE SEPARATOR IN DIRECT METHANOL FUEL CELL
AT469446T	FR20070056962 20070806	AIR LIQUIDE [FR]	H01M8/24	HERSTELLUNGSVERFAHREN EINES SOCKELS FÜR EIN BRENNSTOFFZELLENSYSTEM, SOWIE DURCH DIESES VERFAHREN ERHALTENER SOCKEL UND ERHALTENES SYSTEM
US2010028741	US20070829172 20070727;	AIRBUS GMBH [DE]	H01M8/04	HYDRIDE FUEL-CELL COOLER AND CONDENSATE COOLER FOR AIRCRAFT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	DE200610034816 20060727; US20060820487P 20060727			
EP2195870	WO2008EP62773 20080924; DE200710046381 20070927; US20070995553P 20070927	AIRBUS OPERATIONS GMBH [DE]	H01M8/04; B64D11/02; B64D41/00; H01M8/06	FUEL CELL SYSTEM WITH SUCTION OPERATION FOR AN AIRCRAFT
WO2010052338	US20080112944P 20081110; DE200810043626 20081110	AIRBUS OPERATIONS GMBH [DE]; KOEPPEN CARSTEN [DE]; THIEL SEBASTIAN [DE]	H02P9/00; B64D41/00; H02J9/06	POWER DISTRIBUTION DEVICE FOR DISTRIBUTING POWER AND A METHOD FOR DISTRIBUTING POWER
JP2010019236	JP20080183069 20080714	AISAN IND	F02M61/16; F02M51/06; F16K31/06	FUEL SUPPLY VALVE
US2010075185	US20090627887 20091130; JP20040142230 20040512; US20050119928 20050503	AISIN SEIKI [JP]	F24H1/00; H01M8/04; H01M8/00; H01M8/06; H01M8/24	FUEL CELL POWER GENERATION SYSTEM FOR PROVIDING HOT WATER TO A HOUSING
WO2010007947	JP20080183962 20080715	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]; SUZUKI KAZUNARI [JP]	H01M8/04; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2010021024	JP20080180573 20080710	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	OPERATION CONTROL METHOD OF FUEL CELL SYSTEM
JP2010020927	JP20080178048 20080708	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/24; H01M8/04	METHOD FOR MANUFACTURING FUEL CELL MODULE AND METHOD FOR MANUFACTURING FUEL CELL STACK
JP2010019574	JP20080177790 20080708	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	G01F1/00; C01B3/38; H01M8/04;	FLUID SUPPLY ESTIMATION APPARATUS AND FUEL CELL SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			H01M8/06	
JP2010015922	JP20080176675 20080707	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010013317	JP20080174842 20080703	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	C01B3/38; C01B3/48	REFORMING APPARATUS
JP2010010018	JP20080169918 20080630	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010009921	JP20080167389 20080626	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010009878	JP20080166434 20080625	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010001187	JP20080161878 20080620	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	C01B3/38	REFORMING APPARATUS
US2010092837	JP20070055850 20070306; WO2008JP00434 20080304	AKBAY TANER [JP]; MIYAZAWA TAKASHI [JP]; MURAKAMI NAOYA [JP]; SUZUKI TADAHICO [JP]	H01M8/24; H01M2/00	PLATE-LAMINATED TYPE FUEL CELL
EP2158627	WO2008US62658 20080505; US20070916274P 20070504; US20080048202P 20080427	AKERMIN INC [US]	H01M4/86; C12N11/10; H01M4/88; H01M4/90; H01M8/02; H01M8/16	IMMOBILIZED ENZYMES AND USES THEREOF
WO2010037138	US20080100766P 20080929; US20090166477P 20090403	AKERMIN INC [US]; GELLETT WAYNE L [US]; SCHUMACHER JOSHUA [US]; BUCHOLZ TRACY L [US]; LE DAVID BAO [US]; BUSEKRUS DOUGLAS A [US]; MINTEER SHELLEY D [US]; TRENTMANN DAVID [US]	H01M8/16; H01M4/90; H01M8/04; H01M8/10	DIRECT ALCOHOL ANION FUEL CELL WITH BIOCATODE
US2010081027	JP20070015131 20070125;	AKIKUSA JUN [JP]	H01M8/10	SOLID OXIDE FUEL CELL AND FUEL CELL STACK

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	JP20070258883 20071002; JP20080005896 20080115; WO2008JP00076 20080124			
US2010154204	JP20080323188 20081219	AKIYAMA TAKASHI [JP]	H01M8/00; H01M4/88; H01M8/10	METHOD FOR FABRICATING FUEL CELL AND ANODE CATALYST LAYER THEREOF
RU2380795	RU20080140065 20081010	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M8/12	FUEL ELEMENT WITH SOLID OXIDE ELECTROLYTE
RU2380794	RU20080140064 20081010	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M8/12	ELECTRO-CHEMICAL ELEMENT WITH SOLID ELECTROLYTE
RU2380791	RU20080139700 20081008	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M4/86; H01M8/12	ELECTRODE FOR HIGH-TEMPERATURE ELECTROCHEMICAL DEVICES WITH HARD ELECTROLYTE
RU2380793	RU20080139695 20081008	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ	H01M8/12	HIGH-TEMPERATURE ELECTROCHEMICAL DEVICE

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		NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]		
AT457815T	AT20030001078 20030714; WO2004AT00256 20040714	ALPPS FUEL CELL SYSTEMS GMBH [AT]	B01D53/94; B01D53/86; F01N3/20; H01M8/06	VERFAHREN ZUR KATALYTISCHEN NOX- REDUKTION IN ABGASEN EINER W?RMEKRAFTMASCHINE UND VORRICHTUNG HIERZU
US2010075186	US20080238263 20080925	AMEMIYA KAZUKI [US]	H01M8/02; H01M8/04	HIGH PERFORMANCE PROTON EXCHANGE MEMBRANE (PEM) FUEL CELL
EP2144316	EP20090171812 20070412; EP20070007472 20070412; US20060402473 20060412	AMERICAN GFM CORP [US]	H01M4/86; H01M4/88; H01M4/92; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING ELECTROCHEMICAL CELL PARTS COMPRISING A MATERIAL DEPOSITION PROCESS
EP2151000	WO2008US62869 20080507; US20070745666 20070508	AMERICAN POWER CONV CORP [US]	H01M8/04; G01R31/36	FUEL CELL STACK PERFORMANCE MONITORING
EP2165383	WO2008US64548 20080522; US20070752416 20070523	AMERICAN POWER CONV CORP [US]	H01M8/24	MANIFOLD FOR FUEL CELLS
US2010047638	US20070514611 20071221; DE200610061370 20061222; EP20070009810 20070516; US20070939628P 20070523; US20070939631P	AMMINEX AS [DK]	C01C1/00; B01D53/02; B01D53/56; B01D53/90; B01D53/94; B01J8/00; F01N3/20; F17C11/00; F17C13/00;	METHOD AND DEVICE FOR SAFE STORAGE AND USE OF VOLATILE AMMONIA STORAGE MATERIALS

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	20070523; WO2007EP11379 20071221		H01M8/04; H01M8/06; H01M8/22	
US2010021780	EP20070006706 20070330; WO2008EP02386 20080326	AMMINEX AS [DK]	H01M8/18; B01D53/94; F01N3/28; F17C11/00; F17C13/00	SYSTEM FOR STORING AMMONIA IN AND RELEASING AMMONIA FROM A STROAGE MATERIAL AND METHOD FOR STORING AND RELEASING AMMONIA
US2010062296	US20070514598 20071221; DE200610061370 20061222; US20070939631P 20070523; WO2007EP11502 20071221	AMMINEX AS [DK]	B01D53/94; F01N3/20; F17C9/00; F17C11/00; H01M8/18	METHOD AND DEVICE FOR AMMONIA STORAGE AND DELIVERY USING IN SITU RE-SATURATION OF A DELIVERY UNIT
WO2010040595	EP20080017496 20081006; US20080103300P 20081007	AMMINEX AS [DK]; JOHANSEN JOHNNY [DK]; OECHSLE JAN [DK]; SCHMIDT HENNING [DK]; JOHANNESSEN TUE [DK]; SVAGIN JAKOB [DK]	C01C1/00; B01D53/94; F01N3/20; H01M8/04; H01M8/06; H01M8/22	RELEASE OF STORED AMMONIA AT START-UP
US2010081028	KR20050093844 20051006	AN SUNG-GUK [KR]; SONG MIN-KYU [KR]; KIM YOU-MEE [KR]; PARK YOUNG-MI [KR]; LEE CHANG-BONG [KR]; KWEON HO-JIN [KR]; LEE SI- HYUN [KR]	H01M8/10; B01J31/06; C08G75/18; H01M4/88	BINDER FOR A FUEL CELL CATALYST COMPOSITION, A MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL USING THE BINDER AND A METHOD FOR PREPARING A MEMBRANE ELECTRODE ASSEMBLY
KR20100043765	KR20080102946 20081021	ANA ENG CO LTD [KR]; HWANG YUN TAE [KR]	H01M8/04; B05D1/26; H01M8/02	PROCESS OF PRODUCING FUEL CELL SEPARATOR
US2010055509	US20070513148 20071031;	ANGELL CHARLES AUSTEN [US]; BELIERES JEAN-	H01M8/00; H01M8/08	INORGANIC SALT MIXTURES AS ELECTROLYTE MEDIA IN FUEL CELLS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20060863760P 20061031; WO2007US83237 20071031	PHILIPPE [US]; GERVASIO DOMINIC FRANCIS [US]		
EP2140182	WO2008CA00535 20080325; US20070919473P 20070321	ANGSTROM POWER INC [CA]	F16K13/00; B21D21/00; B21D53/00; B32B7/04; B32B33/00; F15C4/00; F15C5/00; F15D1/14; F16K27/00; F16L41/02; H01M8/04	FLUIDIC CONTROL SYSTEM AND METHOD OF MANUFACTURE
KR20100015785	US20070919472P 20070321	ANGSTROM POWER INC [CA]	F16L41/02; B32B33/00; F15C1/06; H01M8/04	FLUID MANIFOLD AND METHOD THEREFOR
US2010035102	US20090536367 20090805; US20080086394P 20080805	ANGSTROM POWER INC [CA]	H01M8/00; H01M2/02; H01M8/04	ENERGY STORAGE INTEGRATED FRAMEWORK FOR PORTABLE ELECTRONIC DEVICES
US2010081017	US20090572049 20091001; US20080101872P 20081001	ANGSTROM POWER INC [CA]	H01M8/00	MULTIFUNCTIONAL FUEL SYSTEM AND RELATED METHODS
KR20100072296	US20070975130P 20070925	ANGSTROM POWER INC [CA]	H01M8/02; B01D46/00; H01M2/02	FUEL CELL COVER
KR20100060008	US20070975129P 20070925; US20070975132P	ANGSTROM POWER INC [CA]	H01M8/04; G05D7/00; H01M8/10	FUEL CELL SYSTEMS INCLUDING SPACE-SAVING FLUID PLENUM AND RELATED METHODS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20070925			
EP2162393	WO2007IT00367 20070528	ANSALDO FUEL CELLS S P A [IT]	C01D15/08; H01M8/14	A PROCESS FOR THE PRODUCTION OF EUTECTIC LI ₂ CO ₃ -LIKCO ₃
AT461533T	EP20060125622 20061207	ANSALDO FUEL CELLS S P A [IT]	H01M8/02; B21D53/36	FLANSCH FÜR DIE SEPARATORPLATTE VON SCHMELZKARBONATBRENNSTOFFZELLEN
EP2183810	WO2007IB54802 20071127; WO2007IB52962 20070725	ANSALDO FUEL CELLS S P A [IT]	H01M8/02	CURRENT COLLECTOR FOR FUEL CELLS
WO2010044113	WO2008IT00647 20081015	ANSALDO FUEL CELLS S P A [IT]; BERTONE ROBERTO [IT]; CAPRILE LUCIANO [IT]; PASSALACQUA BIAGIO [IT]; PUDDU CRISTINA [IT]; TORAZZA ARTURO [IT]	H01M8/04; H01M8/06	APPARATUS AND METHOD FOR CAPTURING CARBON DIOXIDE FROM COMBUSTION EXHAUST GAS AND GENERATING ELECTRIC ENERGY BY MEANS OF MCFC SYSTEMS
US2010104895	US20080261029 20081029	ANTIG TECHNOLOGY CORP [GB]	H01M8/00	STRUCTURE OF A FUEL CELL STACK
US2010040921	JP20070000499 20070105; WO2007JP74612 20071217	AOTO AKIRO [JP]; KOHARA TSUTOMU [JP]; MATSUBARA JUNICHI [JP]	H01M8/04	FUEL CELL
US2010021786	JP20060239896 20060905; WO2007JP67459 20070831	AOYAMA SATOSHI [JP]	H01M8/10; H01M4/92; H01M4/94	FUEL CELL
JP2010003456	JP20080159451 20080618	AQUAFAIRY KK	H01M8/06	FUEL CELL
CN101689670	WO2008FR50953 20080530; FR20070055418 20070601	AREVA NP [FR]; CERAMIQUES TECH SOC D [FR]; ARMINES [FR]; CENTRE NAT RECH SCIENT [FR]	H01M8/12; B01D53/32; C25B13/04	METHOD FOR OPTIMISING THE CONDUCTIVITY PROVIDED BY THE DISPLACEMENT OF H ⁺ PROTONS AND/OR OH ⁻ IONS IN A CONDUCTIVE MEMBRANE
JP2010018674	JP20080179135 20080709	ASAHI GLASS CO LTD [JP]	C08F214/18; C08F8/12;	POLYMER, METHOD FOR PRODUCING THE SAME, ELECTROLYTE MEMBRANE FOR SOLID POLYMER TYPE

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			H01B1/06; H01M8/02; H01M8/10	FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY
US2010009236	JP20060336878 20061214; WO2007JP73970 20071212	ASAHI GLASS CO LTD [JP]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR POLYMER ELECTROLYTE FUEL CELLS, AND MEMBRANE/ELECTRODE ASSEMBLY
AT455133T	JP20060319927 20061128; JP20070016038 20070126	ASAHI GLASS CO LTD [JP]	C08F8/12; C08F214/18; H01M8/10	POLYMER, POLYMERELEKTROLYTMEMBRAN FÜR POLYMERELEKTROLYT-BRENNSTOFFZELLE UND MEMBRAN-/ELEKTROLYTANORDNUNG
GB2464052	WO2008JP63703 20080730; JP20070201104 20070801; JP20080041255 20080222	ASAHI GLASS CO LTD [JP]	C03C8/04; C03C8/16; H01M8/12	LEAD-FREE GLASS
US2010159301	JP20080325863 20081222	ASAHI GLASS CO LTD [JP]	H01M8/10; B01J31/06	MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, COATING FLUID FOR FORMING CATALYST LAYER FOR POLYMER ELECTROLYTE FUEL CELL, AND PROCESS FOR PRODUCING MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL
US2010003400	JP20070024420 20070202; WO2008JP51567 20080131	ASAHI GLASS CO LTD [JP]; LTD AND PANASONIC CORP [JP]	H01M8/00	PROCESS FOR PRODUCING MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL AND PROCESS FOR PRODUCING POLYMER ELECTROLYTE FUEL CELL
CN101651218	CN20081129870 20080814	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/04	GAS DEW POINT CONTROL DEVICE
AT469445T	CN20011024221 20010816	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/04	RECHNUNGSSYSTEM VON DEM ANODENSTROM EINER BRENNSTOFFZELLE
CN101680045	WO2008US55872 20080305;	ATI PROPERTIES INC	C21D1/74; C21D3/02;	METHOD FOR REDUCING FORMATION OF ELECTRICALLY RESISTIVE LAYER ON FERRITIC STAINLESS STEELS

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	US20070905219P 20070306		C21D6/00; C23C8/14; H01M8/02	
US2010108177	US20080068120 20080201	ATOMIC ENERGY COUNCIL [TW]	H01M8/00; D03D1/00	APPARATUS FOR MAKING TUBULAR FILM TRANSISTORS
CN101652889	EP20070007179 20070405	ATOTECH DEUTSCHLAND GMBH DE	H01M8/02	PROCESS FOR THE PREPARATION OF ELECTRODES FOR USE IN A FUEL CELL
KR20100017589	JP20070157515 20070614	ATSUMITEC KK [JP]	G01N21/88; H01M8/04; H01M8/10	ION CONDUCTIVE ELECTROLYTE FILM INSPECTION METHOD
KR20100041748	JP20070179607 20070709	ATSUMITEC KK [JP]	G01N27/20; H01M8/02; H01M8/04; H01M8/10	METHOD AND APPARATUS FOR EXAMINING ION- CONDUCTIVE ELECTROLYTE MEMBRANE
KR20100038358	JP20070179606 20070709	ATSUMITEC KK [JP]	G01N27/20; H01M8/02; H01M8/04; H01M8/10	METHOD AND APPARATUS FOR EXAMINING ION- CONDUCTIVE ELECTROLYTE MEMBRANE
EP2178143	WO2008JP63972 20080804; JP20070204100 20070806	ATSUMITEC KK [JP]	H01M8/02; H01L35/32; H01M8/00	GENERATOR
US2010092811	WO2006US49343 20061227	BADRINARAYANAN PARAVASTU [US]	H01M8/10; H01M8/04	WETTABLE GAS DIFFUSION LAYER FOR A WET SEAL IN A FUEL CELL
US2010062303	KR20080088069 20080908	BAE JOONGMYEON [KR]; BAEK SEUNG-WOOK [KR]; LEE CHANGBO [KR]; BAE GYUJONG [KR]; JEONG JAEHWA [KR]; KIM YU-MI [KR]	H01M8/10; H01M4/82	METAL-SUPPORTED SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
US2010062302	KR20080088071 20080908	BAE JOONGMYEON [KR]; BAEK SEUNG-WOOK [KR]; LEE CHANGBO [KR]; BAE GYUJONG [KR]; KIM YU-MI	H01M8/10	METAL SUPPORT AND SOLID OXIDE FUEL CELL INCLUDING THE SAME

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		[KR]; JEONG JAEHWA [KR]		
WO2010004313	GB20080012486 20080708	BAE SYSTEMS PLC [GB]; WEBBERELY PHILIP LAWRENCE [GB]; HUCKER MARTYN JOHN [GB]; HAQ SAJAD [GB]; DUNLEAVY MICHEAL [GB]; DYKE AMY ELIZABETH [GB]	H01M10/04; H01G9/02; H01M6/40; H01M8/10; H01M8/12; H01M8/24; H01M14/00	ELECTRICAL POWER SOURCES
AT461531T	US20040023987 20041228; WO2005US47457 20051227	BALLARD POWER SYSTEMS [CA]	H01M8/02; H01M8/10; H01M8/24	BRENNSTOFFZELLENSTAPEL MIT INTEGRIERTEM STROMKOLLEKTOR UND ELEKTRISCHER KOMPONENTENPLATTE
US2010086811	WO2006US62530 20061222	BALLIET RYAN J [US]; REISER CARL A [US]; PATTERSON TIMOTHY W [US]	H01M8/00; H01M8/04	CONTROLLING AN AMOUNT OF LIQUID WITHIN A FUEL CELL
US2010047669	US20090590136 20091103; DE20021018367 20020425; DE20021018368 20020425; US20040512264 20041208; WO2003EP04117 20030422	BASF FUEL CELL GMBH [DE]	H01B1/06; H01M4/00; H01M8/02; H01M8/10	MULTILAYER ELECTROLYTE MEMBRANE
DK1771911T	DE200410035305 20040721; WO2005EP07945 20050721	BASF FUEL CELL GMBH [DE]	H01M8/24; C08J5/22; H01M2/08; H01M8/02; H01M8/10	MEMBRAN-ELEKTRODE-ENHEDER OG BRÖNDSTOFCELLER MED LANG LEVETID
KR20100065402	DE20021009419 20020305	BASF FUEL CELL GMBH [DE]	C08J5/22; C08K5/5317; H01B1/06;	PROTON CONDUCTING ELECTROLYTE MEMBRANE FOR USE IN HIGH TEMPERATURES AND THE USE THEREOF IN FUEL CELLS

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			H01M4/86; H01M4/88; H01M8/02; H01M8/10	
AT469184T	DE20031061833 20031230; WO2004EP14831 20041230	BASF FUEL CELL GMBH [DE]	C08G73/18; B01D67/00; B01D71/62; B01D71/64; C08J5/22; H01M8/10	PROTONENLEITENDE MEMBRAN UND DEREN VERWENDUNG
EP2176190	WO2008EP05402 20080702; DE200710030604 20070702	BASF SE [DE]	C04B35/486; C01G25/00; C04B35/64; H01M4/13; H01M8/12; H01M10/05; H01M10/052; H01M10/0562; H01M10/36	ION CONDUCTOR HAVING A GARNET STRUCTURE
EP2185280	WO2008EP60120 20080801; EP20070114978 20070824; EP20080786740 20080801	BASF SE [DE]	B01J23/40; B01J23/89; B01J35/00; B01J37/02; B01J37/03; B01J37/08; B01J37/18; C22F1/14; H01M4/38; H01M4/92; H01M8/10	CATALYST AND METHOD FOR THE PRODUCTION AND USE THEREOF
WO2010012717	EP20080161528 20080731	BASF SE [DE]; KOTREL STEFAN [US]; PANCHENKO ALEXANDER [DE]; STEIMLE	H01M4/04; H01M8/02	PRODUCTION OF THIN CATALYST LAYERS

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		XIAO [DE]		
WO2010063489	EP20080021238 20081206	BASF SE [DE]; LEITNER KLAUS [DE]	B01D71/62; B01D67/00; B01D71/82; C08J5/22; H01M8/10	METHOD FOR PRODUCING A PROTON-CONDUCTING MEMBRANE
WO2010023249	EP20080163363 20080901; EP20080173009 20081229	BASF SE [DE]; SCHAEFER ALEXANDER [DE]; STEINER JOCHEN [DE]; SCHWAB EKKEHARD [DE]; WENTINK ANNEBART ENGBERT [DE]; BOOS HELMUT [DE]; AMRHEIN PATRICK [US]	B01D53/02; C10L3/10; H01M8/06	ADSORBER MATERIAL AND METHOD FOR DESULFURIZATION OF HYDROCARBON GASES
US2010009222	US20090542431 20090817; US20030427866 20030501; US20020377527P 20020503	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/00; B05D5/12; H01M4/88; H01M4/90; H01M8/10; H01M8/12	CERIUM-MODIFIED DOPED STRONTIUM TITANATE COMPOSITIONS FOR SOLID OXIDE FUEL CELL ANODES AND ELECTRODES FOR OTHER ELECTROCHEMICAL DEVICES
KR20100015495	US20070734909 20070413	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/04; C01B3/38	METHOD AND SYSTEM FOR INTRODUCING FUEL OIL INTO A STEAM REFORMER WITH REDUCED CARBON DEPOSITION
KR20100036229	US20070811633 20070611	BATTELLE MEMORIAL INSTITUTE [US]	C04B37/00; C04B37/02; H01M8/02	DIFFUSION BARRIERS IN MODIFIED AIR BRAZES
US2010092816	US20090613637 20091106; US20040913287 20040806; WO2003US03865 20030206; US20020354713P 20020206;	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/04; H01M8/00; H01M10/42	METHODS OF REMOVING CONTAMINANTS FROM A FUEL CELL ELECTRODE

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	US20020431051P 20021205			
AT463847T	US20020354717P 20020206; WO2003US03862 20030206	BATTELLE MEMORIAL INSTITUTE [US]	C08J5/22; H01M8/02; B01D69/14; B01D71/46; B01D71/52; B01D71/68; B01D71/82; H01B1/06; H01B13/00; H01M8/10	POLYMERELEKTROLYTMEMBRANEN ZUR VERWENDUNG IN BRENNSTOFFZELLEN
US2010081026	US20080242165 20080930	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/10; H01M8/04	CASSETTES FOR SOLID-OXIDE FUEL CELL STACKS AND METHODS OF MAKING THE SAME
US2010159300	US20090640280 20091217; US20080139437P 20081219	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/10	CASSETTE LESS SOFC STACK AND METHOD OF ASSEMBLY
US2010143818	US20030714180 20031114; US20020426611P 20021115	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/24; H01M4/86; H01M4/88; H01M4/90; H01M8/10; H01M8/12	COPPER-SUBSTITUTED PEROVSKITE COMPOSITIONS FOR SOLID OXIDE FUEL CELL CATHODES AND OXYGEN REDUCTION ELECTRODES IN OTHER ELECTROCHEMICAL DEVICES
WO2010039436	US20080241277 20080930	BATTELLE MEMORIAL INSTITUTE [US]; KIM JIN YONG [US]; SPRENKLE VINCENT L [US]; CANFIELD NATHAN [US]; MEINHARDT KERRY D [US]; CHICK LAWRENCE A [US]	H01M4/86; H01M4/88; H01M8/12	OPTIMIZED CELL CONFIGURATIONS FOR STABLE LSCF- BASED SOLID OXIDE FUEL CELLS
WO2010071820	US20080139427P 20081219;	BATTELLE MEMORIAL INSTITUTE [US]; MEINHARDT	H01M8/02; H01M8/24	CASSETTE LESS SOFC STACK AND METHOD OF ASSEMBLY

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20090640280 20091217	KERRY D [US]		
AT463852T	DE200410059495 20041210; WO2005EP13247 20051209	BAXI INNOTECH GMBH [DE]	H01M8/06; H01M8/04	BRENNSTOFFZELLENHEIZGER?T SOWIE VERFAHREN ZUM BETREIBEN EINES BRENNSTOFFZELLENHEIZGER?TS
US2010022937	US20080178437 20080723	BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]	A61M1/14; B01D61/24; B01D61/28; B01D61/30; H01M8/00	PORTABLE POWER DIALYSIS MACHINE
DE102008034221	DE200810034221 20080723	BAYERISCHE MOTOREN WERKE AG [DE]	F02M21/02; F02M25/12; H01M8/06	FUEL SUPPLY DEVICE FOR USE IN MOTOR VEHICLE, HAS REACTOR VESSEL PROVIDED FOR EXECUTING HEAT EXCHANGER AND SEPARATOR FUNCTIONS FOR SUPPLYING HYDROGEN FOR CONSUMER THROUGH DEHYDRATION OF CARRIER MEDIUM E.G. LIQUID ORGANIC HYDROGEN CARRIER
EP2174370	WO2008EP02634 20080403; DE200710025479 20070531	BAYERISCHE MOTOREN WERKE AG [DE]	H01M8/02; H01M8/24	SINGLE FUEL CELL FOR A FUEL CELL STACK
EP2171785	WO2008US68338 20080626; US20070769583 20070627	BDF IP HOLDINGS LTD [CA]	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLIES FOR FUEL CELLS AND METHODS OF MAKING
KR20100058654	US20070860354 20070924	BDF IP HOLDINGS LTD [CA]	H01M4/86; B01J23/40; H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2010030654	US20080095402P 20080909	BDF IP HOLDINGS LTD [CA]; BALLARD MATERIAL PRODUCTS INC [US]; FARRINGTON SIMON [CA];	H01M8/02	LOW COMPRESSIVE LOAD SEAL DESIGN FOR SOLID POLYMER ELECTROLYTE FUEL CELL

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		ARTIBISE ROBERT H [CA]		
WO2010052033	EP20080168369 20081105	BELENOS CLEAN POWER HOLDING AG [CH]; HANNESEN UWE [CH]; TSUKADA AKINORI [CH]	H01M8/02; H01M8/04	FUEL CELL SYSTEM COMPRISING A HEAT EXCHANGER
WO2010031601	EP20080164501 20080917	BELENOS CLEAN POWER HOLDING AG [CH]; TSUKADA AKINORI [CH]; DIETRICH PHILIPP [CH]; HOFER MARCEL [CH]; BUECHI FELIX [CH]; HANNESEN UWE [CH]	H01M8/04	METHOD OF SHUT-DOWN AND STARTING OF A FUEL CELL
US2010077783	US20080286371 20080930	BHATTI MOHINDER S [US]; O'BRIEN JOHN F [US]; REYZIN ILYA [US]; GRIEVE MALCOLM J [US]; KELLY SEAN M [US]	F25D21/00; F24H3/02; F28F3/14; H01M8/04; H01M8/10	SOLID OXIDE FUEL CELL ASSISTED AIR CONDITIONING SYSTEM
CN101632197	US20050066573 20050225	BIC SOC [FR]	H01M8/18	HYDROGEN GENERATING FUEL CELL CARTRIDGES
CN101647145	US20070887918P 20070202	BIC SOC [FR]	H01M8/04	HYDROGEN GAS GENERATORS
KR20100049608	US20070957362P 20070822; US20070016508P 20071224	BIC SOC [FR]	H01M8/04; G05D7/00; H01M8/10	PRESSURIZED FUEL CELL CARTRIDGES
US2010112400	US20100686136 20100112; US20030725237 20031201	BIC SOC [FR]	H01M8/04; H01M8/10; H01M8/12	FUEL CELL SUPPLY INCLUDING INFORMATION STORAGE DEVICE AND CONTROL SYSTEM
WO2010051557	US20080140313P 20081223; US20080110780P 20081103	BIC SOC [FR]; ROSENZWEIG ALAIN [FR]; CURELLO ANDREW J [US]; SPAHR PAUL [US]; CURELLO MICHAEL R [US]	H01M8/00	HYDROGEN-GENERATING FUEL CELL CARTRIDGES

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WO2010035250	WO2008IB55628 20080929	BIC SOC [FR]; ROSENZWEIG ALAIN [FR]; RATH KURT [FR]	H01M8/06; H01M8/04	HYDROGEN GENERATING FUEL CELL CARTRIDGES.
US2010028729	WO2006US61271 20061128	BILLUPS MICHAEL S [US]; EVANS CRAIG E [US]; NARASIMHAMURTHY PRAVEEN [US]; REGE EVAN C [US]; ROGERS WILLIAM C [US]; SEDLACEK WESLEY E [US]; STUCKLEN FREDERIC W [US]	H01M8/04	FUEL CELL POWER PLANT INCLUDING A VARIABLE RESISTIVE DEVICE
US2010119890	US20090617508 20091112; US20080113966P 20081112	BIOFUELS ENERGY LLC [US]	H01M8/04; B65B3/00; B65B3/04	SYSTEMS AND METHODS FOR BIOMETHANE CLEANING AND DISTRIBUTION
US2010047637	US20090507670 20090722; US20080129838P 20080723	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/00; H01M8/18	OPERATION OF FUEL CELL SYSTEMS WITH REDUCED CARBON FORMATION AND ANODE LEADING EDGE DAMAGE
US2010009221	US20090458171 20090702; US20080129621P 20080708	BLOOM ENERGY CORP [US]	H01M8/04; H01M2/02	RECUPERATORS WITH SPIRAL FLOW FOR FUEL CELL SYSTEMS
US2010009220	US20090457982 20090626; US20080129623P 20080708	BLOOM ENERGY CORP [US]	H01M8/04	FUEL CELL LOAD CONTROLLER
US2010035092	US20080222295 20080806	BLOOM ENERGY CORP [US]	H01M8/02	STRUCTURE AND METHOD FOR SOFC OPERATION WITH FAILED CELL DIODE BYPASS
US2010035109	US20080222294 20080806	BLOOM ENERGY CORP [US]	H01M8/10; H01M8/04	FUEL CELL SYSTEMS WITH INCREASED FLOOR DENSITY
US2010028734	US20080155367 20080603; US20070924874P	BLOOM ENERGY CORP [US]	H01M8/04; H01M2/02; H01M8/00;	STRUCTURE FOR HIGH TEMPERATURE FUEL CELL SYSTEM START UP AND SHUTDOWN

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	20070604		H01M8/10; H01M8/18	
CN101682068	WO2008US04710 20080411; US20070785034 20070413	BLOOM ENERGY CORP [US]	H01M8/10	COMPOSITE ANODE SHOWING LOW PERFORMANCE LOSS WITH TIME
US2010092814	US20090585627 20090921; US20060404760 20060417	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/00	ONLINE CONFIGURABLE CONTROL SYSTEM FOR FUEL CELLS
US2010081018	US20090591872 20091203; US20050125267 20050510	BLOOM ENERGY CORP [US]	H01M8/00; H01M8/04	INCREASING THERMAL DISSIPATION OF FUEL CELL STACKS UNDER PARTIAL ELECTRICAL LOAD
EP2181475	WO2008US09069 20080725; US20070935092P 20070726	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/10	HOT BOX DESIGN WITH A MULTI-STREAM HEAT EXCHANGER AND SINGLE AIR CONTROL
US2010159344	US20090591986 20091207; US20080193596P 20081209	BLOOM ENERGY CORP [US]	H01M8/24	FUEL CELL SEALS
WO2010059793	US20080193377P 20081121	BLOOM ENERGY CORP [US]; NGUYEN DIEN [US]; ARMSTRONG TAD [US]; BATAWI EMAD EL [US]; VERMA AVINASH [US]; OSWAL RAVI [US]; SRIDHAR K R [US]; DESHPANDE UJWAL [US]	H01M8/12	COATING PROCESS FOR PRODUCTION OF FUEL CELL COMPONENTS
EP2160780	WO2008EP02589 20080401; DE200710028007	BLUECHER GMBH [DE]	H01M4/86; H01M4/88; H01M4/90;	FUEL CELL WITH CATALYZER AND USE THEREOF

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	20070614		H01M4/92; H01M8/10	
KR100953932B	KR20090121096 20091208	BOLIM PREC CO LTD [KR]	H01M8/02; H01M8/14	INNER REFORMING TYPE SEPARATOR FOR MOLTEN CARBONATE FUEL CELL AND MANUFACTURING METHOD THEREOF
DE102008040208	DE200810040208 20080707	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M8/04	FUEL CELL I.E. POLYMER-ELECTROLYTE-MEMBRANE FUEL CELL, SYSTEM FOR USE IN AUTOMOTIVE FIELD TO PRODUCE CURRENT, HAS BALANCING AREAS ARRANGED AT END SIDES OF MEMBRANE ELEMENT FOR HUMIDIFYING AND TEMPERING INFLOW STREAMS
DE102009001153	DE200810040834 20080729; DE200910001153 20090225	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M4/86	ELEKTRODENELEMENT
DE102008040644	DE200810040644 20080723	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M4/86	ELECTRODE ELEMENT FOR FUEL CELL SYSTEM, HAS CATALYST ARRANGED SUCH THAT DENSITY OF CATALYST IN AREA IS LARGER THAN DENSITY OF CATALYST IN ANOTHER AREA, WHERE FORMER AREA AND LATTER AREA ARE ARRANGED ADJACENT TO EACH OTHER
DE102008040958	DE200810040958 20080804	BOSCH GMBH ROBERT [DE]	H01M8/04	SAFETY UNIT FOR CONTROLLING E.G. OXYGEN FLOW IN FUEL CELL SYSTEM, HAS CLOSING ELEMENT DESIGNED SUCH THAT RESIDUAL ELEMENTS SOLIDIFIED ON CLOSING ELEMENT ARE BLASTED WITH REVERSIBLE CHANGE BETWEEN OPERATION AND CLOSING CONDITIONS
DE102009045952	DE200810043684 20081112; DE200910045952 20091023	BOSCH GMBH ROBERT [DE]	H01M8/04	METHOD FOR REVERSIBLE-TRANSFERRING FUEL CELL SYSTEM OF MOTOR VEHICLE FROM OPERATING CONDITION TO WAITING CONDITION, INVOLVES APPLYING ELECTRIC VOLTAGE TO FUEL CELL SUCH THAT ONE OF ELECTRODES FUNCTIONS AS ANODE IN OPERATING CONDITION
DE102008043873	DE200810043873	BOSCH GMBH ROBERT [DE]	H01M8/02	FLOW FIELD PLATE FOR SOLID OXIDE FUEL CELL

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	20081119			SYSTEM, HAS DELIMITATION AREA WITH CHANNEL RETAINING PART OF REACTANT, WHERE CHANNEL IS ARRANGED ADJACENT TO SEALING ELEMENT SUCH THAT PART OF REACTANT FLOWING THROUGH CHANNEL COOLS SEALING ELEMENT
DE102008043869	DE200810043869 20081119	BOSCH GMBH ROBERT [DE]	G05B11/32; H01M8/04	CONTROL SYSTEM FOR FUEL CELL SYSTEM, HAS MEASUREMENT SYSTEM FOR DETERMINING STATE VARIABLE OF CONTROL PATH, AND SECONDARY CONTROLLER FOR INFLUENCING MAXIMAL VARIABLE LIMIT AND MINIMAL VARIABLE LIMIT BASED ON STATE VARIABLE
DE102008054375	DE200810054375 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	EINSATZ VON DRUCKSENSOREN IN BRENNSTOFFZELLENSYSTEMEN ALS ERSATZ FÜR EINEN WASSERSTOFFPROZESSSENSOR
DE102008054370	DE200810054370 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	WARTUNGSFREIE UND KONTINUIERLICHE K ³ HLMITTELAUFBEREITUNG IN BRENNSTOFFZELLENFAHRZEUGEN MITTELS ELEKTRO-DEIONISATION (EDI) MIT VORTEILHAFTER IONENENTNAHME
DE102008044413	DE200810044413 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	WARTUNGSFREIE UND KONTINUIERLICHE K ³ HLMITTELAUFBEREITUNG IN BRENNSTOFFZELLENFAHRZEUGEN MITTELS ELEKTRO-DEIONISATION (EDI) IN VORTEILHAFTER ANORDNUNG
WO2010054937	DE200810043740 20081114	BOSCH GMBH ROBERT [DE]; GOTTWICK ULRICH [DE]; INTORP JENS [DE]; ZIRKEL DANIEL [DE]; WIEDEMANN GUNTER [DE]; SCHLIPF DAVID [DE]	H01M8/04	FUEL CELL SYSTEM WITH ENERGY-EFFICIENT REACTANT RECYCLING
WO2010003719	DE200810040211 20080707	BOSCH GMBH ROBERT [DE]; WAHL FLORIAN [DE]; KOENIGSMANN MARTIN HOLGER [DE]	H01M8/04; H01M8/06; H01M10/39; H01M16/00	METHOD FOR OPERATING A FUEL CELL SYSTEM AND FUEL CELL SYSTEM

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US2010156104	WO2006US10694 20060323	BOTTINELLI N EDWARD [US]	F01D15/10; B01J19/00; C10B1/00; C12M1/00; C25B15/00; F02C7/22; H01M8/06	THERMAL REDUCTION GASIFICATION PROCESS FOR GENERATING HYDROGEN AND ELECTRICITY
US2010028735	EP20060256432 20061219; EP20060256433 20061219; EP20060256457 20061219; WO2007GB04866 20071218	BP OIL INT	H01M8/04; C01B3/02; C07C2/76	PROCESS FOR CONVERTING METHANE INTO A HIGHER ALKANE MIXTURE
US2010047633	IL20080188538 20080102	BRANDSTETTER AHARON [IL]; BRANDSTETTER HAIM [IL]	H01M8/06; H01M8/04	ELECTRIC STORAGE FUEL CELL SYSTEM AND METHOD
US2010119725	FR20050053669 20051130; WO2006FR51241 20061128	BRAULT PASCAL [FR]	H01M8/10; H01M4/88	METHOD FOR PRODUCING A THIN-FILM FUEL CELL
US2010003555	US20090511572 20090729; JP20030427216 20031224; US20060472385 20060622; WO2004JP18996 20041220	BRIDGESTONE CORP; TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/04; B01D53/04; H01M8/06	METHOD AND DEVICE FOR DECONTAMINATION AIR FOR FUEL CELL, AND FUEL CELL
US2010143811	US20080532757 20080320; US20070896841P	BRIMBLECOMBE ROBIN [AU]; SPICCIA LEONE [AU]; DISMUKES CHARLES	H01M8/06; B01J23/34; B01J31/18;	WATER OXIDATION CATALYST

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	20070323; WO2008AU00407 20080320	GERARD [US]; SWIEGERS GERRY F [AU]	C25B1/04; C25B9/06; C25B11/04; H01L21/02; H05K3/00	
US2010035096	DE200510004426 20050131; WO2006DE00130 20060127	BRITZ PETER [DE]; MARTIN UDO [DE]; ZARTENAR NICHOLAS [DE]	H01M8/02; H01M2/00	FUEL CELL SYSTEM OPERATED BY COMPRESSED AIR
US2010062313	GB20070001449 20070126; WO2008GB00253 20080125	BROWNING DARREN JONATHAN [GB]; LOVELL KEITH VICTOR [GB]; HORSFALL JACQUELINE ANNE [GB]; WARING SUSAN CHRISTINE [GB]	C08J5/20; H01M8/10	ANION EXCHANGE MEMBRANES
IL164824	US20020378693P 20020508; US20020430677P 20021204; US20020435278P 20021223; WO2003US14123 20030507	BTU INT [US]; DANA CORP [US]	B01J7/00; B01D53/86; B01D53/92; B01J19/08; B01J19/12; B01J37/34; B22F3/105; C01B3/02; C21D1/06; C21D1/09; C21D1/38; F01N3/08; F01N3/10; F01N3/20; F01N3/24; F01N3/28; F01N3/30; F01N9/00; F27B17/00;	PLASMA CATALYST

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			F27D3/12; F27D11/08; F27D11/12; G21K5/00; H01J37/32; H01M8	
US2010040911	WO2006US46833 20061208	BURLATSKY SERGEI F [US]; COLPIN JEAN [US]; GHOSH SHUBHRO [US]; GUPTA NIKUNJ [US]; HAGANS PATRICK L [US]; ZHANG WEILONG [US]	H01M8/02; H01M8/00	FUEL CELL FLOW FIELD HAVING STRONG, CHEMICALLY STABLE METAL BIPOLAR PLATES
CN101635363	CN20081142570 20080727	BYD CO LTD [CN]	H01M8/02	VANADIUM ION REDOX FLOW BATTERY ELECTROLYTE, PREPARATION METHOD THEREOF AND BATTERY THEREOF
AT466385T	CN20051092995 20050826; WO2006CN02193 20060825	BYD CO LTD [CN]	H01M8/04; H01M8/02	STRÖMUNGSFELDPLATTEN FÜR BRENNSTOFFZELLEN
AT468622T	CN20051063142 20050405; CN20051090776 20050816; CN20051090775 20050816; CN20051109223 20051019; CN20051109224 20051019; WO2006CN00540 20060329	BYD CO LTD [CN]	H01M8/02	STRÖMUNGSFELDPLATTE UND BRENNSTOFFZELLENSTAPEL DAMIT
EP2153483	WO2008US64947 20080528;	CABOT CORP [US]	H01M4/86; H01M4/92;	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL

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	US20070756997 20070601		H01M8/02; H01M8/10	
US2010028746	US20090485816 20090616; US20040861828 20040604; US20030476413P 20030605	CALIFORNIA INST OF TECHN [US]	H01M8/10; H01M4/86; H01M4/90; H01M4/96; H01M8/00; H01M8/04	BA-SR-CO-FE-O BASED PEROVSKITE MIXED CONDUCTING MATERIALS AS CATHODE MATERIALS FOR INTERMEDIATE TEMPERATURE SOLID OXIDE FUEL CELLS BOTH IN DUAL CHAMBER AND SINGLE CHAMBER CONFIGURATION
US2010064958	US20090556037 20090909	CAMERON COLIN G [CA]; SMITH JEFFREY H [CA]	B63G8/14; C25B1/04; H01M8/00	WET BUOYANCY ENGINE
WO2010063105	US20080193455P 20081201	CANADA NAT RES COUNCIL [CA]; HUI SHIQIANG [CA]; MARIC RADENKA [CA]; YICK SING [CA]; DECES-PETIT CYRILLE [CA]; ZHANG XINGE [CA]	C30B29/22; B01J23/78; B01J23/83; C01G1/02; C22C29/12; C25B11/04; H01M4/90; H01M8/10	CATHODE MATERIALS FOR LOW TEMPERATURE SOLID OXIDE FUEL CELLS (SOFCs)
WO2010003224	US20080129575P 20080707	CANADA NAT RES COUNCIL [CA]; KIM DAE SIK [US]; GUIVER MICHAEL D [CA]	C08G65/00; C08J5/00; C08J5/22; H01M8/02	PROTON-CONDUCTING POLYMERIC POLY(ARYLENE ETHER)S WITH PENDANT PHENYL SULFONIC ACIDS
EP2149170	WO2008CA00843 20080430; US20070924091P 20070430	CANADA NAT RES COUNCIL [CA]; UNIV BRITISH COLUMBIA [CA]	H01M8/00; H01M4/86; H01M4/92; H01M8/06; H01M8/22	MEMBRANELESS FUEL CELL AND METHOD OF OPERATING SAME
US2010047642	JP20080211446 20080820	CANON KK [JP]	H01M8/04	FUEL CELL
JP2010003684	JP20080135690 20080523; JP20090121008	CANON KK [JP]	H01M4/86; H01M4/88; H01M8/10	METHOD OF MANUFACTURING CATALYST LAYER AND METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY

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	20090519			
US2010021788	JP20070131988 20070517; WO2008JP59394 20080515	CANON KK [JP]	H01M8/10; C23C14/32	POLYMER ELECTROLYTE COMPOSITE FILM, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
US2010015490	JP20060299470 20061102; WO2007JP71163 20071024	CANON KK [JP]	H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL AND POLYMER ELECTROLYTE FUEL CELL
KR20100012057	JP20070155473 20070612; JP20080070442 20080318	CANON KK [JP]	H01M4/88; H01M4/92; H01M8/10	METHOD OF PRODUCING FUEL CELL CATALYST LAYER
KR20100010522	JP20070157610 20070614	CANON KK [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND ACTIVATION METHOD FOR FUEL CELL
KR20100010521	JP20070155375 20070612	CANON KK [JP]	H01M4/88; H01M4/92; H01M8/10	METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, METHOD OF MANUFACTURING FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
US2010040928	JP20060306958 20061113; WO2007JP71591 20071031	CANON KK [JP]	H01M8/10; C08F10/00	POLYMER ELECTROLYTE MEMBRANE AND METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE
US2010028754	US20090571876 20091001; JP20010374174 20011207; JP20010374175 20011207; US20040497700 20040604; WO2002JP06513 20020627	CANON KK [JP]	H01M2/00; H01M8/02; H01M8/04; H01M8/10; H01M8/24	FUEL CELL SYSTEM WITH A CELL UNIT AND FUEL TANK UNIT IN A HOUSING AND ELECTRONIC DEVICE
US2010068583	US20090620954	CANON KK [JP]	H01M8/04	FUEL CELL STACK

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	20091118; JP20060035779 20060213; US20070624449 20070118			
US2010136457	JP20070023114 20070201; WO2008JP52000 20080131	CANON KK [JP]	H01M8/10; H01M4/86; H01M4/88; H01M4/92	GAS DIFFUSION ELECTRODE, FUEL CELL, AND MANUFACTURING METHOD FOR THE GAS DIFFUSION ELECTRODE
AT507517	AT20080001632 20081017; AT20090000976 20090625	CARDEC HYDROGEN STORAGE GMBH [AT]	H01M8/04	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG, REGELUNG UND ?BERWACHUNG VON BETRIEBSPARAMETERN VON BRENNSTOFFZELLENSYSTEMEN
US2010087885	US20090572191 20091001; US20080102598P 20081003	CARDIAC PACEMAKERS INC [US]	A61N1/378; H01M4/00; H01M4/52; H01M6/00	BIOSORBABLE BATTERY AND RELATED METHODS
JP2010002055	US20010330749P 20011030; US20020413557P 20020926; US20020279034 20021024	CARNEGIE INST OF WASHINGTON	F17C11/00; C01B3/00; C01B5/00; H01M8/04	COMPOSITION AND METHOD FOR HYDROGEN STORAGE
KR20100007995	JP20070170534 20070628	CASIO COMPUTER CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL DEVICE AND AN ELECTRONIC EQUIPMENT USING FUEL CELL DEVICE
JP2010015936	JP20080177033 20080707	CASIO COMPUTER CO LTD [JP]	H01M8/04	FUEL SUPPLY DEVICE, AND FUEL SUPPLY SYSTEM
JP2010015797	JP20080174095 20080703	CASIO COMPUTER CO LTD [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/12	FUEL CELL DEVICE AND ELECTRONIC EQUIPMENT
JP2010003491	JP20080160162 20080619	CASIO COMPUTER CO LTD [JP]	H01M8/04; C01B3/32;	FUEL CELL DEVICE AND ELECTRONIC DEVICE

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			H01M8/06	
HK1062083	WO2002JP00132 20020111; JP20010006127 20010115; JP20010309800 20011005; JP20010363082 20011128	CASIO COMPUTER CO LTD [JP]	H01M8/04	POWER SUPPLY SYSTEM
US2010081024	JP20080251674 20080929	CASIO COMPUTER CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
KR20100045495	JP20070244968 20070921	CASIO COMPUTER CO LTD [JP]	H01M8/02; H01M8/06; H01M8/12	FUEL CELL DEVICE AND ELECTRONIC EQUIPMENT USING FUEL CELL DEVICE
JP2010021004	JP20080180014 20080710	CASIO HITACHI MOBILE COMM CO	H01M8/00; H01M8/04; H01M8/10	ELECTRONIC EQUIPMENT, AND PROGRAM
US2010040916	US20070301056 20070531; US20060810012P 20060531; WO2007US70033 20070531	CASTALDI MARCO J [US]; CHANDRAN KARTIK [US]	H01M8/04; B01J19/00; C01B3/06; H01M8/18	METHODS AND SYSTEMS FOR GENERATING HYDROGEN FROM A BIOMASS
US2010151342	US20080527939 20080220; US20070902312P 20070220; WO2008US54385 20080220	CASTLE RES ASSOCIATES INC [US]	H01M8/10; H01M4/64; H01M8/04	TUBULAR FUEL CELL DESIGN WITH IMPROVED CONSTRUCTION AND OPERATING EFFICIENCY
WO2010047304	JP20080272018 20081022	CATALER CORP [JP]; TAKAHASHI HIROAKI [JP]; HORIUCHI YOSUKE [JP]; TERADA TOMOAKI [JP];	H01M4/96; B01J23/42; B01J32/00; H01M4/86;	ELECTRODE CATALYST FOR FUEL CELL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
		NAGATA TAKAHIRO [JP]; TABATA TOSHIHARU [JP]; KATAOKA MIKIHIRO [JP]	H01M4/92	
WO2010070994	JP20080320144 20081216	CATALER CORP [JP]; TAKEDA NAMI [JP]; OHASHI SOZABURO [JP]; NAGAMI TETSUO [JP]; TABATA TOSHIHARU [JP]; ISHIDA TOMOHIRO [JP]; KATAOKA MIKIHIRO [JP]	H01M4/96; H01M8/10	ANODE CATALYST LAYER FOR SOLID POLYMER FUEL CELL
EP2202831	WO2008JP68593 20081014; JP20070268158 20071015	CATALER CORP [JP]; TOYOTA MOTOR CO LTD [JP]	H01M4/92; H01M4/96; H01M8/02; H01M8/10	SUPPORTED CATALYST FOR FUEL CELL AND FUEL CELLS
ES2331764	ES20060003031 20061123	CELAYA EMPARANZA GALDOS SA [ES]	H01M8/02; H01M8/24	PILA DE CONSUMO QUE COMPRENDE UNA PILA DE COMBUSTIBLE
US2010136463	US20090625881 20091125; US20030627330 20030725; US20010837864 20010418; US20000197998P 20000418	CELLTECH POWER LLC [US]	H01M4/02; H01M4/48; H01M4/50; H01M4/90; H01M8/00; H01M8/10; H01M12/06; H01M14/00	ELECTROCHEMICAL DEVICE AND METHODS FOR ENERGY CONVERSION
WO2010024338	JP20080220248 20080828	CENTRAL GLASS CO LTD [JP]; NANAI HIDEHISA; KOMORIYA HARUHIKO; NANMYO TSUTOMU; TSUJIOKA SHOICHI; MAEDA KAZUHIKO	C08F228/02; H01B1/06; H01M8/02; H01M8/10; H01M10/0565	FLUORINE-CONTAINING POLYMER AND POLYMER SOLID ELECTROLYTE USING SAME
DE112008001122T	JP20070136545 20070523; WO2008JP59102	CENTRAL RES INST ELECT [JP]	C10J3/46; H01M8/00; H01M8/06	EINRICHTUNG ZUR GASERZEUGUNG

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20080519			
US2010015486	WO2007JP52152 20070207; WO2008JP51202 20080128	CENTRAL RES INST ELECT [JP]	H01M8/04	POWER GENERATING PLANT
US2010136442	FR20070053533 20070227; WO2008FR50295 20080221	CENTRE NAT RECH SCIENT [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/10; B01J19/00; H01M8/06	HYDROGEN PRODUCTION BY WATER DISSOCIATION IN THE PRESENCE OF SNO USING THE SNO2/SNO COUPLE IN A SERIES OF THERMOCHEMICAL REACTIONS
FR2936105	FR20080056207 20080916	CENTRE NAT RECH SCIENT [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]; INP INST NAT POLYTECHNIQUE [FR]	H01M8/16	PILE A COMBUSTIBLE MICROBIENNE CONSTITUEE D'ELECTRODES SELECTIVES ET D'UN ELECTROLYTE UNIQUE.
FR2939784	FR20080007087 20081216	CENTRE NAT RECH SCIENT [FR]; MCPHY ENERGY [FR]	C01B3/00; C01B6/04; F17C11/00; H01M8/04	RESERVOIR ADIABATIQUE D'HYDRURE METALLIQUE
EP2144847	WO2008FR50784 20080502; FR20070054866 20070504	CENTRE NAT RECH SCIENT [FR]; UNIV FRANCHE COMTE [FR]	C01B3/06; H01M8/06	METHOD FOR PRODUCING DIHYDROGEN FROM HYDROGENATED SILICON
EP2156498	WO2008FR50381 20080306; FR20070055287 20070528	CERAM HYD [FR]	H01M8/10; C04B35/583; H01M2/16; H01M4/92; H01M8/02; H01M8/06	METHOD OF ACTIVATING BORON NITRIDE
EP2171783	WO2008US08623 20080714; US20070949802P 20070713	CERAMATEC INC [US]	H01M8/00	CLEANSING AGENT GENERATOR AND DISPENSER
AT464664T	AU2002PS01934	CERAMIC FUEL CELLS LTD	C01B3/26;	VERFAHREN ZUM BETRIEB EINER BRENNSTOFFZELLE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20020423; WO2003AU00479 20030422	[AU]	H01M8/00; C01B3/22; C01B3/24; C01B3/32; C01B3/38; H01M8/04; H01M8/06; H01M8/12	
AT463052T	AU2002PS00765 20020226; WO2002AU00939 20020713; WO2003AU00235 20030226	CERAMIC FUEL CELLS LTD [AU]	H01M8/02; B03C3/00; H01M2/14; H01M2/16; H01M2/18; H01M8/24	BRENNSTOFFZELLENGASSEPARATOR
AT461530T	AU1999PQ03154 19990929; WO2000AU01187 20000928	CERAMIC FUEL CELLS LTD [AU]	H01M4/86; H01M8/02; H01M8/12; H01M8/24	BRENNSTOFFZELLENANORDNUNG
AT465868T	AU1999PQ04921 19991230; WO2000AU01560 20001219	CERAMIC FUEL CELLS LTD [AU]	B28B11/00; B32B18/00; B32B37/00; C04B35/01; C04B35/486; H01M4/88; H01M8/02; H01M8/12	LAMINIERTE STRUKTUR UND VERFAHREN ZU IHRER HERSTELLUNG
WO2010040182	AU20080905267 20081009	CERAMIC FUEL CELLS LTD [AU]; WATTS MERRILL RUTH [AU]; AMARASINGHE SUDATH DHARMA KUMA [AU]; LOVE JONATHAN GERALD [AU]	H01M8/00; H01M4/88; H01M8/10; H01M8/12	A SOLID OXIDE FUEL CELL OR SOLID OXIDE FUEL CELL SUB-COMPONENT AND METHODS OF PREPARING SAME
EP2142298	WO2008GB01543 20080501;	CERES INTELLECTUAL PROPERTY CO [GB]	B01J37/02; C01B3/02;	IMPROVEMENTS IN OR RELATING TO FUEL CELLS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	GB20070008406 20070501		C01B3/12; C01B3/16; H01M4/86; H01M8/02; H01M8/12	
GB2462849	GB20080015312 20080821	CERES INTELLECTUAL PROPERTY CO [GB]	H01M8/04	IMPROVED FUEL CELL STACK FLOW HOOD AIR FLOW USING AN AIR DISTRIBUTION DEVICE
CN101647144	GB20070003762 20070227	CERES INTELLECTUAL PROPERTY CO [GB]	H01M8/04	FUEL CELL STACK FLOW HOOD
WO2010020797	GB20080015312 20080821; GB20080015535 20080826; US20080090947P 20080822	CERES INTELLECTUAL PROPERTY CO [GB]; BARNARD PAUL [GB]; HAIDAR NEVILLE [GB]; HARRINGTON MATTHEW [GB]	H01M8/24; H01M8/04	IMPROVED FUEL CELL STACK FLOW HOOD AIR FLOW USING AN AIR DISTRIBUTION DEVICE
WO2010061190	GB20080021700 20081127	CERES INTELLECTUAL PROPERTY CO [GB]; DEVRIENDT JAMES [GB]; EVANS CHRISTOPHER JOHN [GB]; MORGAN ROBERT [GB]; BARNARD PAUL [GB]; GIRVAN BRUCE [GB]	H01M8/00; F24H9/06; F24H9/20	A BOILER UNIT
US2010028732	GB20040002906 20040210; WO2005GB00355 20050202	CERES POWER LTD [GB]	H01M8/04; H01M8/12	METHOD AN APPARATUS FOR OPERATING A SOLID- OXIDE FUEL CELL STACK WITH A MIXED IONIC/ELECTRONIC CONDUCTING ELECTROLYTE
RU2382442	US20060371259 20060308	CHANG CHUN-CH EKH [US]	H01M4/1397; H01M4/58; H01M8/10	CATHODE MATERIAL FOR USE IN LITHIUM-ION BATTERIES
CN101656323	CN20091066723 20090331	CHANGCHUN APPLIED CHEMISTRY	H01M8/10	METHOD FOR SEALING FUEL CELL
CN101645514	CN20091067206 20090702	CHANGCHUN APPLIED CHEMISTRY	H01M8/10	PASSIVE DIRECT METHANOL FUEL CELL BY EMPLOYING PURE METHANOL FEEDING MODE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
US2010035094	KR20060131388 20061220; WO2006KR05855 20061228	CHEIL IND [KR]	H01M4/00; H01B1/24; H01M8/00	HYDROPHILIC INORGANIC AGGREGATE, A METHOD FOR PREPARING THE SAME, HYDROPHILIC COMPOSITE MATERIAL AND BIPOLAR PLATE FOR FUEL CELL COMPRISING THE SAME
US2010075184	US20080235010 20080922	CHEN SHU-CHIN [TW]; CHEN TZU-YU [TW]; LIN PI-SUNG [TW]	H01M8/04	CARBON DIOXIDE DISSOLUTION AND C4+NM STATE CARBON RECYCLING DEVICE AND METHOD
US2010136375	US20080326874 20081202	CHENG YUNG-NENG [TW]; LEE RUEY-YI [TW]; LIN HUNG-HSIANG [TW]	H01M8/04	IN LINE HEIGHT MEASUREMENT SYSTEM FOR PLANAR FUEL CELL
CN101662033	CN20081118468 20080825	CHINESE ACAD PHYSICS INST	H01M8/10	SOLID OXIDE FUEL CELL AND PREPARATION METHOD THEREOF
JP2010008146	JP20080165842 20080625	CHINO CORP	G01R27/02; H01M8/04	INTERNAL IMPEDANCE MEASURING DEVICE
GR20080100743	GR20080100743 20081126	CHRONAKIS DIMITRIOS	C25B1/04; F03D9/00; H01M8/06; H01M8/18	SYSTEM ANSWERING THE FLUCTUATING DEMAND OF POWER BY USE OF RENEWABLE ENERGY SOURCE
CN101630750	CN20081132393 20080716	CHUNG HSIN ELECTRIC & MACHINER	H01M8/04	FUEL CELL STRUCTURE OF EXTERNAL-HANGING TYPE FLOW CHANNEL
CN101677127	CN20081211556 20080919	CHUNG HSIN ELECTRIC & MACHINER	H01M8/02; H01M4/86	FUEL CELL MEMBRANE ELECTRODE STRUCTURE WITH FOAMING TYPE BASE MATERIALS
EP2141762	US20080166133 20080701	CLEAREDGE POWER INC [US]	H01M8/06	CONTROL FOR REFORMER, FUEL CELL AND BATTERY MANAGEMENT SYSTEM IN A STATIONARY POWER PLANT
WO2010031771	IT2008BO00566 20080916	CNH ITALIA SPA [IT]; SEDONI ENRICO [IT]; FERRARI ROBERTO [IT]; MORSELLI RICCCARDO [IT]; SPADONI RICCARDO [IT]	H01M8/00; B60K8/00	AN AGRICULTURAL VEHICLE
KR20100067889	KR20080126481 20081212	CNL ENERGY CO LTD [KR]	H01M8/04; F24F6/10; H01M8/24	A GAS HUMIDIFIER OF A FUEL CELL
US2010028726	EP20050013970	COERLIN DETLEV [DE];	H01M8/04;	METHOD FOR SUPPLYING FUEL GAS TO A GAS

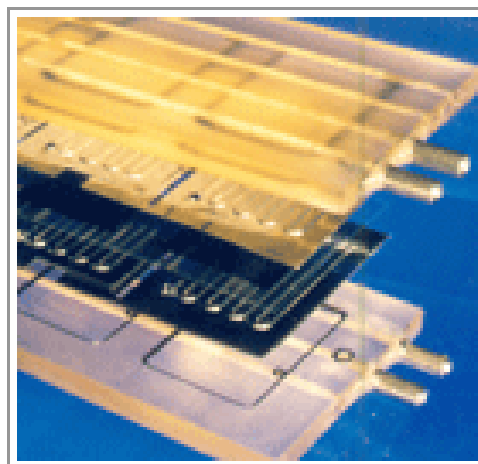
Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20050628; WO2006EP63430 20060622	COERLIN HERDITH GRETE GABRIELE [DE]; STUEHLER WALTER [DE]; VOITLEIN OTTMAR [DE]	H01M8/00	CHAMBER OF A FUEL CELL AND FUEL CELL
EP2171778	WO2008US68292 20080626; US20070946230P 20070626	COLEMAN CO [US]	H01M2/10; H01M8/24; H01M16/00	ELECTRICAL APPLIANCE THAT UTILIZES MULTIPLE POWER SOURCES
US2010119889	US20090617387 20091112; US20080114080P 20081113	COLLEGE OF WILLIAM AND MARY [US]	H01M8/00; H01M8/10	SOLID OXIDE PROTON CONDUCTOR SYSTEM AND METHOD OF OPERATING SAME FOR ENHANCED PROTON TRANSPORT
US2010068571	US20090492071 20090625; US20050553531 20051014; WO2004US11576 20040415; US20030463465P 20030416	COLLINGS MICHAEL [US]; AULICH TED R [US]; TIMPE RONALD C [US]; HOLMES MICHAEL J [US]	C01B3/26; C01B3/04; C01B31/18; C01B31/20; H01M8/06	SYSTEM AND PROCESS FOR PRODUCING HIGH- PRESSURE HYDROGEN
FR2933160	FR20080054232 20080625	COMMISSARIAT ENERGIE ATOMIQUE [FR]	F16J15/08; H01M8/02	ASSEMBLAGE COMPORTANT UN JOINT D'ETANCHEITE INTERCALE ENTRE DEUX COMPOSANTS DE COEFFICIENT DE DILATATION MOYEN THERMIQUE DIFFERENT, JOINT D'ETANCHEITE ASSOCIE, APPLICATION A L'ETANCHEITE D'ELECTROLYSEURS EHT ET DES PILES A COMBUSTIBLE
US2010015489	FR20080002032 20080414	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10; B05D5/12; C25B9/00; H01M4/88; H01M4/90	TITANATES OF PEROVSKITE OR DERIVED STRUCTURE AND APPLICATIONS THEREOF
ES2331898T	FR20060050398 20060203	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M4/92; B01J23/652;	CATODO PARA REACTOR ELECTROQUIMICO, REACTOR ELECTROQUIMICO QUE COMPRENDE DICHOS CATODOS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C23C16/18; C25B11/04; H01M4/86; H01M4/88; H01M8/10	Y PROCEDIMIENTO DE FABRICACION DE DICHO CATODO.
AT457086T	FR20070005652 20070802	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10	VERFAHREN ZUR HERSTELLUNG EINER BRENNSTOFFZELLE AUF EINEM PORISEN UNTERGRUND
EP2165381	WO2008FR50778 20080430; FR20070056400 20070710	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02; H01M8/10	IMPERMEABLE POROUS SUBSTRATE FOR PLANAR FUEL CELLS AND INTEGRATED PACKAGING
AT460756T	FR20050052517 20050816; WO2006EP65255 20060811	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/24; B29C70/88; C08J5/18; H01B1/20; H01M2/16	POLYMERBUNDMEMBRAN MIT IONEN-/ELEKTRONENLEITFÄHIGKEIT, HERSTELLUNGSVERFAHREN DAFÜR UND KERN EINER PLANAREN BRENNSTOFFZELLE MIT DIESER MEMBRAN
FR2935843	FR20080056120 20080911	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M2/14; H01M8/00; H01M8/10	ELECTROLYTE POUR PILE SOFC ET SON PROCÉDE DE FABRICATION.
FR2937630	FR20080005914 20081024	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/08; H01M8/06	SYSTEME CATALYTIQUE POUR LA GENERATION D'HYDROGENE PAR LA REACTION D'HYDROLYSE DES BOROHYDRURES METALLIQUES
US2010098992	FR20080005789 20081020	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10	PROCESS FOR THE FORMATION OF PORES IN A POLYMER MATRIX
FR2937478	FR20080057162 20081022	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H02M11/00; H01M8/06	ELECTRIC DIRECT CURRENT-DIRECT CURRENT CONVERTER FOR E.G. MICRO-ELECTRO-MECHANICAL SYSTEM, HAS CURRENT COLLECTORS COLLECTING ELECTRIC DIRECT CURRENT GENERATED BY FUEL CELL, AND WATER SUPPLY UNIT SUPPLYING WATER TO ANODE OF ELECTROLYZER
FR2937468	FR20080006465 20081119	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02	PROTON CONDUCTIVE MEMBRANE, USEFUL FOR PROTON EXCHANGE MEMBRANE FUEL CELL, COMPRISES A MULTILAYER STACK

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
AT461532T	FR20050053180 20051019; WO2006EP67500 20061017	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02; C25B9/18; H01M8/24	RÍHRENFÍRMIGES BRENNSTOFFZELLENMODUL UND DICHT EINRICHTUNG DAF?R
EP2174772	FR20080056890 20081010	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B29C59/02	STRUCTURING ON THE SURFACE OF THIN LAYERS BY LOCALISED EJECTION OF NON-MISCIBLE LIQUID
FR2938456	FR20080006351 20081114	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B01J35/10; B01J21/02; B01J23/75; B01J37/26; C01B3/06; C01B6/00; H01M8/06	METAL PARTICLES, USEFUL FOR THE HYDROLYSIS REACTION OF A CHEMICAL HYDRIDE INTO HYDROGEN, COMPRISES ELEMENTS COMPRISING GROUP IIIA-VIIB OF THE PERIODIC TABLE OF ELEMENTS AND THEIR MIXTURES, CARRYING HYDROPHOBIC GROUPS ON THEIR SURFACE
FR2938270	FR20080057664 20081112	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C22C1/08; B22F3/12; B32B5/22; B32B15/01; C22C33/02; C22F1/00; C25B9/02; H01M4/70; H01M8/02	SUBSTRAT EN METAL OU ALLIAGE METALLIQUE POREUX, SON PROCEDE DE PREPARATION, ET CELLULES D'EHT OU DE SOFC A METAL SUPPORT COMPRENANT CE SUBSTRAT
EP2183812	WO2008EP61380 20080829; FR20070057328 20070903	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04; H01M8/00; H01M8/02; H01M8/12; H01M8/18; H01M8/24	COAXIAL MODULE FOR FUEL CELL OR ELECTROLYSER WITH BALL INTERCONNECTORS
FR2937966	FR20080058063 20081127	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/00; F17C1/16; F17C11/00; H01M8/04	HYDROGEN TANK FOR SUPPLYING HYDROGEN TO A FUEL CELL, COMPRISES A MATERIAL SUCH AS A METAL HYDRIDE CAPABLE OF ABSORBING HYDROGEN VIA NATURAL CHEMICAL BONDS, AND A COMPRESSIBLE MATERIAL FOR COVERING A PART OF INTERNAL WALLS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
				OF THE TANK
EP2198074	WO2008EP62650 20080923; FR20070057822 20070925	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C25B9/18; C25B1/04; H01M8/04; H01M8/24	HIGH TEMPERATURE ELECTROLYSER WITH TEMPERATURE HOMOGENISATION DEVICE
EP2176167	WO2008EP57902 20080620; FR20070055957 20070622	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	C01B33/12; C01B33/18; C01B39/02; C01G23/04; C01G25/02; C08J5/22; C08K9/08; H01M8/10	COMPOSITE FOR FUEL CELL MEMBRANE BASED ON ORGANOMODIFIED INORGANIC PARTICLES AND A PROCESS FOR PREPARING SAME
US2010112414	US20100685063 20100111; FR20020001488 20020207; US20050503395 20050311; WO2003FR00354 20030205	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	H01M4/00; H01M4/90; H01M8/10; H01M8/16	FUEL CELL, USING OXIDOREDUCTASE TYPE ENZYMES IN THE CATHODIC COMPARTMENT AND POSSIBLY IN THE ANODIC COMPARTMENT
FR2939439	FR20080006890 20081209	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; UNIV CERGY PONTOISE [FR]; ECOLE NALE SUP ARTES METIERS [FR]; UNIV SAVOIE [FR]	C08F291/00; C08J3/24; C08J5/18; H01M8/10	NOUVEAUX RESEAUX INTERPENETRES DE POLYMERES ET LEURS APPLICATIONS
WO2010049443	FR20080057407 20081030	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DI IORIO STEPHANE [FR]; DELAHAYE THIBAUD [FR]	H01M8/12; C25B13/00;	

Pedidos de Patente de Tecnologias Relativas a Células a Combustível



Pedidos publicados no
1º semestre de 2010

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1 - INTRODUÇÃO

1.1 - ALERTA TECNOLÓGICO

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia e de franquias, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

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A patente é uma importante fonte formal de informação, por meio da qual pode-se ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação (livros, artigos técnicos etc.).

O objetivo desta publicação semestral é o de alertar sobre os principais depositantes de patente em determinado setor e período de tempo, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período. Desta forma, busca-se contribuir para a atualização periódica do público alvo deste Alerta Tecnológico.

Mais detalhes sobre cada pedido de patente como resumo, nome(s) do(s) inventor(es), cópia do documento completo etc. podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na internet:

1. Base Brasileira de Pedidos de Patente¹: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes²: <http://ep.espacenet.com>
3. Base do Escritório Americano de Patentes³: <http://www.uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) aos pedidos de patente estrangeiros (família do pedido de patente⁴) listados na Tabela nº 2, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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Praça Mauá, 7, sala 714, Centro, Rio de Janeiro, RJ , CEP 20083-900

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e-mail: cedin@inpi.gov.br

As cópias integrais dos pedidos de patente de interesse podem ser solicitadas por meio do endereço copdocpat@inpi.gov.br ou por correio postal ao endereço anteriormente mencionado.

¹ Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.

² Contém pedidos de patente depositados e publicados em mais de 70 países.

³ Contém somente pedidos depositados e publicados nos Estados Unidos.

⁴ Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patentes refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

1.2- PEDIDOS DE PATENTE DE TECNOLOGIAS RELATIVAS A CÉLULAS A COMBUSTÍVEL

O alerta da comunidade científica sobre os efeitos do aquecimento global provocado pelo aumento da emissão de gases de efeito estufa, e a instabilidade no suprimento de combustíveis fósseis, têm provocado em vários países a intensificação nas pesquisas para aumentar a participação das fontes renováveis e limpas na matriz energética. Neste contexto, a célula a combustível, uma tecnologia que utiliza hidrogênio e oxigênio para gerar energia elétrica, energia térmica e água, apresenta-se como uma alternativa ambientalmente aceitável com baixas emissões de poluentes. As aplicações desta tecnologia incluem a geração de energia elétrica estacionária e a utilização em transporte e em equipamentos portáteis.

No Brasil, o Programa de Ciência, Tecnologia e Inovação para a Economia do Hidrogênio, elaborado pelo Ministério da Ciência e Tecnologia (MCT), tem como objetivo promover ações integradas e cooperadas, que viabilizem o desenvolvimento nacional da tecnologia de hidrogênio e de sistemas de célula a combustível, com vistas a inserir o Brasil na economia do hidrogênio.

Assim, o INPI, por meio do CEDIN, vem prestar sua colaboração com a divulgação das informações contidas em documentos de patentes publicados sobre células a combustível e, conseqüentemente, facilitar ao público interessado o acesso a estas informações.

O objetivo do presente trabalho consiste em divulgar, semestralmente, os pedidos de patente publicados no mundo relacionados às células a combustível.

Para este levantamento, foram selecionados os pedidos de patente que contêm pelo menos uma das classificações internacionais discriminadas a seguir:

H01M 8/00 – Células a combustível; Sua fabricação.

H01M 8/02 – Detalhes;

H01M 8/04 – Disposições ou processos auxiliares, por ex., para o controle da pressão, para a circulação de fluidos;

H01M 8/06 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/08 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/10 – Células combustível com eletrólitos sólidos;

H01M 8/12 – Funcionando à alta temperatura, por ex., com um eletrólito ZrO_2 estabilizado;

H01M 8/14 – Células combustível com eletrólitos fundidos;

H01M 8/16 – Células combustível bioquímicos, i.e., células em que os micro-organismos atuam como catalisadores;

H01M 8/18 – Células combustível de regeneração;

H01M 8/20 – Células a combustível indiretas, por ex, células Redox (H01M 8/18 tem prioridade);

H01M 8/22 – Células a combustível em que o combustível é baseado em materiais compreendendo carbono, oxigênio ou hidrogênio e outros elementos;
Células a combustível em que o combustível é baseado em materiais compreendendo apenas elementos outros que não carbono, oxigênio ou hidrogênio;

H01M 8/24 – Arranjos de células a combustível em baterias, por ex, módulos.

2- RESULTADOS

No semestre pesquisado foram selecionados 3685 documentos de patente que abordam tecnologias relacionadas à células a combustível.

De acordo com o gráfico nº 1, pode-se identificar os países⁵ de prioridade (país ou organização onde foi realizado o primeiro depósito do pedido de patente) e observar a ocorrência de documentos em cada país. Foram considerados os países de prioridade que constam em 10 ou mais pedidos de patente. Este gráfico revela que os cinco principais países de prioridade⁶ são: Japão, Estados Unidos da América, Alemanha, Coreia, e China.

A partir dos resultados nele apresentados pode-se inferir que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados. Isto provavelmente é verdadeiro porque, geralmente, os depositantes solicitam a prioridade a partir de seus países de origem. Alternativamente, isto poderia indicar o interesse do primeiro depósito nos mercados destes países.

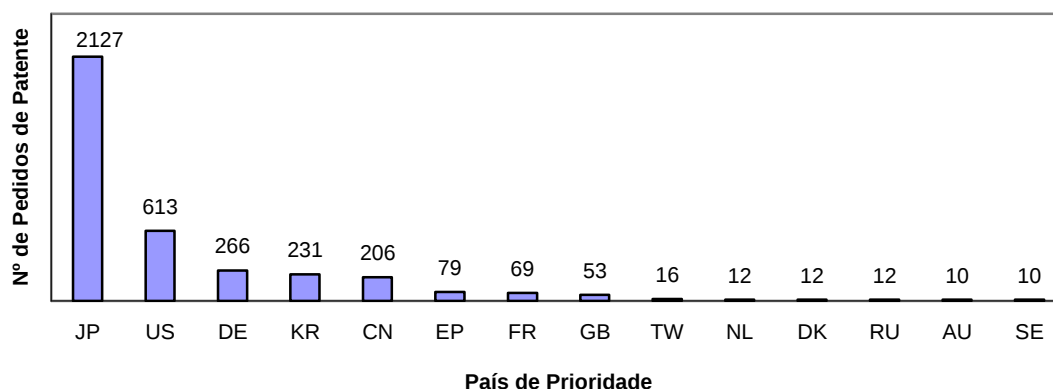
Existe uma grande concentração de pedidos com prioridade japonesa (cerca de 57%), o que reflete uma supremacia da pesquisa em mãos de empresas daquele país ou a escolha de primeiro depósito naquele país.

Na tabela nº 2, apresentada mais adiante neste Alerta, verifica-se que, neste período, foram recuperados 2 pedidos com prioridade brasileira: PI0802591, depositado pela Novocell - Sistemas de Energia S/A e WO2010000049, depositado por Oxiteno S.A. Indústria e Comércio e pelo Instituto Alberto Luiz Coimbra de Pós Graduação e Pesquisa de Engenharia - COPPE/UFRJ.

⁵ A lista com os códigos dos países está disponível no Anexo I.

⁶ Conforme estabelecido pela Convenção de Paris (CUP) em seu Art. 4º, o primeiro pedido de patente depositado em um dos países membros da Convenção serve de base para depósitos subsequentes relacionados à mesma matéria, efetuados pelo mesmo depositante ou por seus sucessores legais. Tem-se, assim, o **Direito de Prioridade**. O prazo para exercer tal direito é de 12 meses, para invenção e modelo de utilidade. Ver art. 16, da Lei da Propriedade Industrial (LPI), nº 9.279/96 – disponível em www.inpi.gov.br.

Gráfico nº 1: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 1º semestre de 2010 x País de prioridade



Fonte: INPI

O gráfico nº 2 permite o monitoramento das principais tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período. Para este levantamento, foram computadas somente as classificações presentes em mais de 100 documentos. Estas classificações permitem o monitoramento das tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período.

Pode-se verificar a seguir a descrição das classificações encontradas:

H01M8 - Células a combustível; Sua fabricação.

H01M4 - Eletrodos.

C01B3 - Hidrogênio; Misturas gasosas contendo hidrogênio; Separação do hidrogênio das misturas gasosas que o contém; Purificação de hidrogênio.

H01M2 - Detalhes estruturais ou processos de fabricação das partes não ativas.

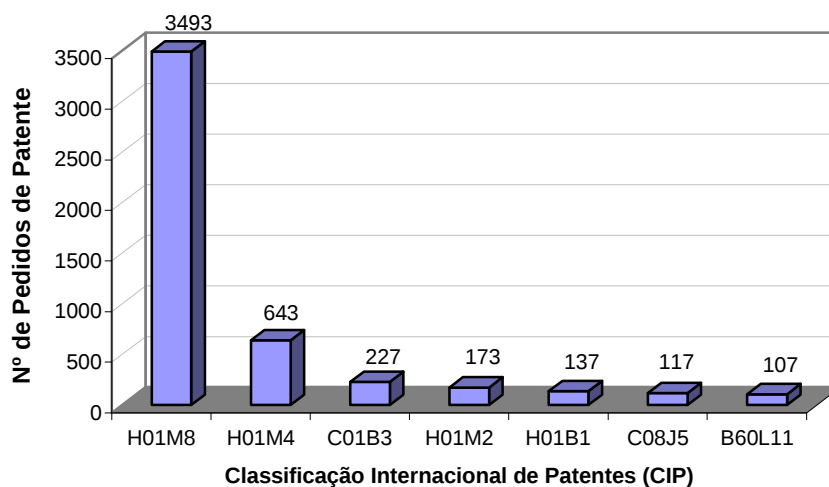
H01B1 - Condutores ou corpos condutores caracterizados pelos materiais condutores; Seleção de materiais para condutores.

C08J5 - Manufatura de artigos ou de materiais modelados contendo substâncias macromoleculares.

B60L11 - Propulsão elétrica com fonte de potência no interior do veículo.

Cotejando o resultado obtido das classificações nos Alertas publicados em março/2009, setembro/2009 e março/2010, disponíveis para consulta em <http://www.inpi.gov.br/menu-esquerdo/informacao/alertas-tecnologicos-por-tema>, observa-se que as 3 primeiras classificações identificadas acima são exatamente as mesmas, nesta ordem, encontradas nos trabalhos realizados anteriormente.

Gráfico nº 2: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 1º semestre de 2010 x Classificação Internacional de Patentes (CIP)



Fonte: INPI

Na tabela nº 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no 1º semestre de 2010, estando relacionados os que aparecem em 20 ou mais pedidos. A primeira coluna contém os nomes dos depositantes e a segunda, o total de documentos recuperados no período para cada empresa.

A partir desta tabela observa-se que das 14 empresas com maior número de pedidos depositados mais da metade é japonesa. Este dado encontra-se compatível com o resultado mostrado no gráfico nº 1, onde se encontra registrado que grande parte dos depósitos foram efetuados primeiro no Japão.

Cotejando o resultado obtido dos maiores depositantes nos Alertas publicados em março/2009, setembro/2009 e março/2010, disponíveis para

consulta em <http://www.inpi.gov.br/menu-esquerdo/informacao/alertas-tecnologicos-por-tema>, observa-se que as 3 primeiras empresas identificadas na tabela abaixo são exatamente as mesmas, com pequena alteração de ordem, encontradas nos trabalhos realizados anteriormente.

Observa-se a predominância das empresas com competência no setor automobilístico o que reflete a importância conferida à pesquisa para esta aplicação.

Tabela nº 1: Relação dos principais depositantes e do nº de pedidos de patente publicados no 1º semestre de 2010

Nome do Depositante ⁷	Total de Documentos
TOYOTA MOTOR CO LTD	158
HONDA MOTOR CO LTD	85
TOYOTA MOTOR CORP	77
PANASONIC CORP	74
GM GLOBAL TECH OPERATIONS INC	70
DAIMLER CHRYSLER AG	64
HYUNDAI MOTOR CO LTD	51
UTC POWER CORP	40
NISSAN MOTOR	36
COMMISSARIAT ENERGIE ATOMIQUE	34
SONY CORP	29
FORD GLOBAL TECH LLC	24
TOSHIBA KK	23
SUMITOMO CHEMICAL CO	21

Fonte: INPI

A tabela nº 2, a seguir, apresenta o número do pedido, com sua(s) prioridade(s), o(s) nome(s) depositante(s), a classificação internacional atribuída ao documento e seu título.

⁷ Algumas empresas identificadas podem fazer parte do mesmo grupo, mas, neste Alerta, os nomes dos depositantes são apresentados da mesma forma como foram recuperados.

Tabela nº 2: Dados bibliográficos dos pedidos de patente sobre tecnologias relativas a células a combustível publicados no mundo no 1º semestre de 2010

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
WO2010015092	US20080136034P 20080807	0798465 B C LTD [CA]; OLOMAN COLIN [CA]	H01M8/04; H01M4/86; H01M8/02; H01M8/24	MIXED REACTANT FLOW-BY FUEL CELL
AT467918T	DE20011032078 20010705; WO2002DE02446 20020704	2S SOPHISTICATED SYSTEMS LTD [GB]	H01M8/02; H01M8/24; H01M4/86; H01M8/00; H01M8/12	ELEKTRODENANORDNUNG
EP2146929	WO2008US60732 20080418; US20070747606 20070511	3M INNOVATIVE PROPERTIES CO [US]	C01B31/02; H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/10	MICROPOROUS CARBON CATALYST SUPPORT MATERIAL
US2010025879	US20070768621 20070626; US20020299144 20021119	3M INNOVATIVE PROPERTIES CO [US]	B29C47/10; B29B9/02; H01M8/02	HIGHLY FILLED COMPOSITE CONTAINING RESIN AND FILLER
US2010062314	US20090621795 20091119; US20040944998 20040920	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10	DURABLE FUEL CELL
WO2010025118	US20080091643P 20080825	3M INNOVATIVE PROPERTIES CO [US]	H01M4/86; H01M4/92; H01M8/10	FUEL CELL NANOCATALYST WITH VOLTAGE REVERSAL TOLERANCE
AT462748T	US20030661908 20030912; WO2004US21609 20040706	3M INNOVATIVE PROPERTIES CO [US]	C08J9/28; B01D67/00; B01D71/34; B29C55/00; B32B3/26; B32B5/14; B32B9/00;	MIKROPORÍSE PVDF-FOLIEN UND HERSTELLUNGSVERFAHREN DAF?R

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C08J5/22; H01M4/02; H01M8/10	
US2010159298	US20090644045 20091222; US20080139925P 20081222	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10; H01M4/86; H01M4/88	FUEL CELL MEMBRANE ELECTRODE ASSEMBLY WITH MULTILAYER CATHODE
US2010112388	GB20060014337 20060719; WO2007GB50421 20070719	ACAL ENERGY LTD [GB]	H01M8/00; H01M8/08; H01M8/18	FUEL CELLS
US2010112393	GB20060014338 20060719; WO2007GB50420 20070719	ACAL ENERGY LTD [GB]	H01M8/18; C07F17/02; H01M8/08	FUEL CELLS
EP2193568	WO2008GB50857 20080924; GB20070018577 20070924	ACAL ENERGY LTD [GB]	H01M8/18	REDOX FUEL CELL
EP2193567	WO2008GB50848 20080922; GB20070018349 20070920	ACAL ENERGY LTD [GB]	H01M8/10	FUEL CELLS
DK1846974T	IT2005FI00002 20050111; WO2005EP51423 20050329	ACTA S P A [IT]	H01M8/10	MEMBRAN-ELEKTRODE SAMLINGER TIL BRÖNDSTOFCELLER, DERES FREMSTILLING OG ANVENDELSE OG BRÖNDSTOFCELLER INDEHOLDENDE DISSE
EP2176913	WO2008IB52763 20080709; IT2007FI00152 20070710	ACTA S P A [IT]	H01M8/10; H01M2/16; H01M6/18	ELECTROCHEMICAL DEVICES CONTAINING ANIONIC- EXCHANGE MEMBRANES AND POLYMERIC IONOMERS
US2010151361	US20100694798 20100127;	ADAMS PAUL [US]; CURELLO ANDREW J [US]; FAIRBANKS	H01M8/02; B01J4/00;	FUEL CARTRIDGES FOR FUEL CELLS AND METHODS FOR MAKING SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20030679756 20031006	FLOYD [US]; LEFEBVRE GUY [FR]; LEFEBVRE YANN [FR]; FRIGIERE RENE [FR]; DOUCET MICHEL [FR]	B01J4/04; C01B3/06; H01M8/04; H01M8/06	
US2010075192	US20090430926 20090428; US20040979017 20041101; US20030515779P 20031030	ADAPTIVE MATERIALS INC [US]	H01M8/10	CURRENT COLLECTOR FOR SOLID OXIDE FUEL CELL TUBE WITH INTERNAL FUEL PROCESSING
US2010055520	US20090425206 20090416; US20040979017 20041101; US20030515779P 20031030	ADAPTIVE MATERIALS INC [US]	H01M8/18; H01M4/86; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL TUBE WITH INTERNAL FUEL PROCESSING
US2010047660	US20090546384 20090824; US20070900304 20070910; US20060843879P 20060911	ADVENT TECHNOLOGIES [GR]	H01M8/10; C07D401/02; C08F14/18; C08F226/06; C08L27/12; C08L39/04; H01M4/88	DEVELOPMENT AND CHARACTERIZATION OF NOVEL PROTON CONDUCTING AROMATIC POLYETHER TYPE COPOLYMERS BEARING MAIN AND SIDE CHAIN PYRIDINE GROUPS
US2010062293	US20090556622 20090910; US20080095779P 20080910	ADVENT TECHNOLOGIES [GR]	H01M8/04; H01M8/18	INTERNAL REFORMING ALCOHOL HIGH TEMPERATURE PEM FUEL CELL
US2010055512	US20090589914 20091030; US20070981202 20071031; US20030418737 20030417;	AEROVIRONMENT INC	H01M8/00; B64C3/14; B64D27/02; C25B1/00; C25B1/04;	ENERGY STORAGE SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20020373301P 20020417			
WO2010047661	US20080106933P 20081020	AGENCY SCIENCE TECH & RES [SG]; ZHANG XINHUI [SG]; HONG LIANG [SG]; LIU ZHAOLIN [SG]; TAY SIOK WEI [SG]	H01M2/16; B01D71/64; C08G73/18; C08G73/22; C08G75/32; H01M8/12	A NOVEL ACID-DOPED POLYMER ELECTROLYTE MEMBRANE
US2010135872	US20100689469 20100119; GB20030017575 20030726; US20050312378 20051221; WO2004GB02811 20040630	AGNEW GERARD D [GB]; CUNNINGHAM ROBERT H [GB]; BUTLER PHILIP D [GB]; COLLINS ROBERT D [GB]	B01J8/02; B01J10/00; C01B3/38; H01M8/06	REFORMER MODULE
US2010055519	US20090603606 20091022; GB20030017573 20030726; US20080222205 20080805; US20040883794 20040706	AGNEW GERARD D [GB]; CUNNINGHAM ROBERT H [GB]; SAUNDERS GARY J [GB]	H01M8/04; B01J19/00; B01J19/02; B01J19/24; B01J19/26; C01B3/24	PRE-REFORMER
US2010055537	US20080201199 20080829	AHN DONG JUNE [KR]	H01M4/92; H01M8/04	NANOPOROUS POLYMER FILM FOR EFFICIENT MEMBRANE SEPARATOR IN DIRECT METHANOL FUEL CELL
AT469446T	FR20070056962 20070806	AIR LIQUIDE [FR]	H01M8/24	HERSTELLUNGSVERFAHREN EINES SOCKELS FÜR EIN BRENNSTOFFZELLENSYSTEM, SOWIE DURCH DIESES VERFAHREN ERHALTENER SOCKEL UND ERHALTENES SYSTEM
US2010028741	US20070829172 20070727;	AIRBUS GMBH [DE]	H01M8/04	HYDRIDE FUEL-CELL COOLER AND CONDENSATE COOLER FOR AIRCRAFT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	DE200610034816 20060727; US20060820487P 20060727			
EP2195870	WO2008EP62773 20080924; DE200710046381 20070927; US20070995553P 20070927	AIRBUS OPERATIONS GMBH [DE]	H01M8/04; B64D11/02; B64D41/00; H01M8/06	FUEL CELL SYSTEM WITH SUCTION OPERATION FOR AN AIRCRAFT
WO2010052338	US20080112944P 20081110; DE200810043626 20081110	AIRBUS OPERATIONS GMBH [DE]; KOEPPEN CARSTEN [DE]; THIEL SEBASTIAN [DE]	H02P9/00; B64D41/00; H02J9/06	POWER DISTRIBUTION DEVICE FOR DISTRIBUTING POWER AND A METHOD FOR DISTRIBUTING POWER
JP2010019236	JP20080183069 20080714	AISAN IND	F02M61/16; F02M51/06; F16K31/06	FUEL SUPPLY VALVE
US2010075185	US20090627887 20091130; JP20040142230 20040512; US20050119928 20050503	AISIN SEIKI [JP]	F24H1/00; H01M8/04; H01M8/00; H01M8/06; H01M8/24	FUEL CELL POWER GENERATION SYSTEM FOR PROVIDING HOT WATER TO A HOUSING
WO2010007947	JP20080183962 20080715	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]; SUZUKI KAZUNARI [JP]	H01M8/04; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2010021024	JP20080180573 20080710	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	OPERATION CONTROL METHOD OF FUEL CELL SYSTEM
JP2010020927	JP20080178048 20080708	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/24; H01M8/04	METHOD FOR MANUFACTURING FUEL CELL MODULE AND METHOD FOR MANUFACTURING FUEL CELL STACK
JP2010019574	JP20080177790 20080708	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	G01F1/00; C01B3/38; H01M8/04;	FLUID SUPPLY ESTIMATION APPARATUS AND FUEL CELL SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			H01M8/06	
JP2010015922	JP20080176675 20080707	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010013317	JP20080174842 20080703	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	C01B3/38; C01B3/48	REFORMING APPARATUS
JP2010010018	JP20080169918 20080630	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010009921	JP20080167389 20080626	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010009878	JP20080166434 20080625	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010001187	JP20080161878 20080620	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	C01B3/38	REFORMING APPARATUS
US2010092837	JP20070055850 20070306; WO2008JP00434 20080304	AKBAY TANER [JP]; MIYAZAWA TAKASHI [JP]; MURAKAMI NAOYA [JP]; SUZUKI TADAHICO [JP]	H01M8/24; H01M2/00	PLATE-LAMINATED TYPE FUEL CELL
EP2158627	WO2008US62658 20080505; US20070916274P 20070504; US20080048202P 20080427	AKERMIN INC [US]	H01M4/86; C12N11/10; H01M4/88; H01M4/90; H01M8/02; H01M8/16	IMMOBILIZED ENZYMES AND USES THEREOF
WO2010037138	US20080100766P 20080929; US20090166477P 20090403	AKERMIN INC [US]; GELLETT WAYNE L [US]; SCHUMACHER JOSHUA [US]; BUCHOLZ TRACY L [US]; LE DAVID BAO [US]; BUSEKRUS DOUGLAS A [US]; MINTEER SHELLEY D [US]; TRENTMANN DAVID [US]	H01M8/16; H01M4/90; H01M8/04; H01M8/10	DIRECT ALCOHOL ANION FUEL CELL WITH BIOCATODE
US2010081027	JP20070015131 20070125;	AKIKUSA JUN [JP]	H01M8/10	SOLID OXIDE FUEL CELL AND FUEL CELL STACK

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	JP20070258883 20071002; JP20080005896 20080115; WO2008JP00076 20080124			
US2010154204	JP20080323188 20081219	AKIYAMA TAKASHI [JP]	H01M8/00; H01M4/88; H01M8/10	METHOD FOR FABRICATING FUEL CELL AND ANODE CATALYST LAYER THEREOF
RU2380795	RU20080140065 20081010	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M8/12	FUEL ELEMENT WITH SOLID OXIDE ELECTROLYTE
RU2380794	RU20080140064 20081010	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M8/12	ELECTRO-CHEMICAL ELEMENT WITH SOLID ELECTROLYTE
RU2380791	RU20080139700 20081008	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]	H01M4/86; H01M8/12	ELECTRODE FOR HIGH-TEMPERATURE ELECTROCHEMICAL DEVICES WITH HARD ELECTROLYTE
RU2380793	RU20080139695 20081008	ALISOVA EHRIKA ALEKSANDROVNA [RU]; VOLOSHCHENKO GEORGIJ	H01M8/12	HIGH-TEMPERATURE ELECTROCHEMICAL DEVICE

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		NIKOLAEVI [RU]; PAKHOMOV VALERIJ PETROVICH [RU]; FINOGENOV NIKOLAJ NIKOLAEVICH [RU]		
AT457815T	AT20030001078 20030714; WO2004AT00256 20040714	ALPPS FUEL CELL SYSTEMS GMBH [AT]	B01D53/94; B01D53/86; F01N3/20; H01M8/06	VERFAHREN ZUR KATALYTISCHEN NOX- REDUKTION IN ABGASEN EINER W?RMEKRAFTMASCHINE UND VORRICHTUNG HIERZU
US2010075186	US20080238263 20080925	AMEMIYA KAZUKI [US]	H01M8/02; H01M8/04	HIGH PERFORMANCE PROTON EXCHANGE MEMBRANE (PEM) FUEL CELL
EP2144316	EP20090171812 20070412; EP20070007472 20070412; US20060402473 20060412	AMERICAN GFM CORP [US]	H01M4/86; H01M4/88; H01M4/92; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING ELECTROCHEMICAL CELL PARTS COMPRISING A MATERIAL DEPOSITION PROCESS
EP2151000	WO2008US62869 20080507; US20070745666 20070508	AMERICAN POWER CONV CORP [US]	H01M8/04; G01R31/36	FUEL CELL STACK PERFORMANCE MONITORING
EP2165383	WO2008US64548 20080522; US20070752416 20070523	AMERICAN POWER CONV CORP [US]	H01M8/24	MANIFOLD FOR FUEL CELLS
US2010047638	US20070514611 20071221; DE200610061370 20061222; EP20070009810 20070516; US20070939628P 20070523; US20070939631P	AMMINEX AS [DK]	C01C1/00; B01D53/02; B01D53/56; B01D53/90; B01D53/94; B01J8/00; F01N3/20; F17C11/00; F17C13/00;	METHOD AND DEVICE FOR SAFE STORAGE AND USE OF VOLATILE AMMONIA STORAGE MATERIALS

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	20070523; WO2007EP11379 20071221		H01M8/04; H01M8/06; H01M8/22	
US2010021780	EP20070006706 20070330; WO2008EP02386 20080326	AMMINEX AS [DK]	H01M8/18; B01D53/94; F01N3/28; F17C11/00; F17C13/00	SYSTEM FOR STORING AMMONIA IN AND RELEASING AMMONIA FROM A STROAGE MATERIAL AND METHOD FOR STORING AND RELEASING AMMONIA
US2010062296	US20070514598 20071221; DE200610061370 20061222; US20070939631P 20070523; WO2007EP11502 20071221	AMMINEX AS [DK]	B01D53/94; F01N3/20; F17C9/00; F17C11/00; H01M8/18	METHOD AND DEVICE FOR AMMONIA STORAGE AND DELIVERY USING IN SITU RE-SATURATION OF A DELIVERY UNIT
WO2010040595	EP20080017496 20081006; US20080103300P 20081007	AMMINEX AS [DK]; JOHANSEN JOHNNY [DK]; OECHSLE JAN [DK]; SCHMIDT HENNING [DK]; JOHANNESSEN TUE [DK]; SVAGIN JAKOB [DK]	C01C1/00; B01D53/94; F01N3/20; H01M8/04; H01M8/06; H01M8/22	RELEASE OF STORED AMMONIA AT START-UP
US2010081028	KR20050093844 20051006	AN SUNG-GUK [KR]; SONG MIN-KYU [KR]; KIM YOU-MEE [KR]; PARK YOUNG-MI [KR]; LEE CHANG-BONG [KR]; KWEON HO-JIN [KR]; LEE SI- HYUN [KR]	H01M8/10; B01J31/06; C08G75/18; H01M4/88	BINDER FOR A FUEL CELL CATALYST COMPOSITION, A MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL USING THE BINDER AND A METHOD FOR PREPARING A MEMBRANE ELECTRODE ASSEMBLY
KR20100043765	KR20080102946 20081021	ANA ENG CO LTD [KR]; HWANG YUN TAE [KR]	H01M8/04; B05D1/26; H01M8/02	PROCESS OF PRODUCING FUEL CELL SEPARATOR
US2010055509	US20070513148 20071031;	ANGELL CHARLES AUSTEN [US]; BELIERES JEAN-	H01M8/00; H01M8/08	INORGANIC SALT MIXTURES AS ELECTROLYTE MEDIA IN FUEL CELLS

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	US20060863760P 20061031; WO2007US83237 20071031	PHILIPPE [US]; GERVASIO DOMINIC FRANCIS [US]		
EP2140182	WO2008CA00535 20080325; US20070919473P 20070321	ANGSTROM POWER INC [CA]	F16K13/00; B21D21/00; B21D53/00; B32B7/04; B32B33/00; F15C4/00; F15C5/00; F15D1/14; F16K27/00; F16L41/02; H01M8/04	FLUIDIC CONTROL SYSTEM AND METHOD OF MANUFACTURE
KR20100015785	US20070919472P 20070321	ANGSTROM POWER INC [CA]	F16L41/02; B32B33/00; F15C1/06; H01M8/04	FLUID MANIFOLD AND METHOD THEREFOR
US2010035102	US20090536367 20090805; US20080086394P 20080805	ANGSTROM POWER INC [CA]	H01M8/00; H01M2/02; H01M8/04	ENERGY STORAGE INTEGRATED FRAMEWORK FOR PORTABLE ELECTRONIC DEVICES
US2010081017	US20090572049 20091001; US20080101872P 20081001	ANGSTROM POWER INC [CA]	H01M8/00	MULTIFUNCTIONAL FUEL SYSTEM AND RELATED METHODS
KR20100072296	US20070975130P 20070925	ANGSTROM POWER INC [CA]	H01M8/02; B01D46/00; H01M2/02	FUEL CELL COVER
KR20100060008	US20070975129P 20070925; US20070975132P	ANGSTROM POWER INC [CA]	H01M8/04; G05D7/00; H01M8/10	FUEL CELL SYSTEMS INCLUDING SPACE-SAVING FLUID PLENUM AND RELATED METHODS

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	20070925			
EP2162393	WO2007IT00367 20070528	ANSALDO FUEL CELLS S P A [IT]	C01D15/08; H01M8/14	A PROCESS FOR THE PRODUCTION OF EUTECTIC LI ₂ CO ₃ -LIKCO ₃
AT461533T	EP20060125622 20061207	ANSALDO FUEL CELLS S P A [IT]	H01M8/02; B21D53/36	FLANSCH FÜR DIE SEPARATORPLATTE VON SCHMELZKARBONATBRENNSTOFFZELLEN
EP2183810	WO2007IB54802 20071127; WO2007IB52962 20070725	ANSALDO FUEL CELLS S P A [IT]	H01M8/02	CURRENT COLLECTOR FOR FUEL CELLS
WO2010044113	WO2008IT00647 20081015	ANSALDO FUEL CELLS S P A [IT]; BERTONE ROBERTO [IT]; CAPRILE LUCIANO [IT]; PASSALACQUA BIAGIO [IT]; PUDDU CRISTINA [IT]; TORAZZA ARTURO [IT]	H01M8/04; H01M8/06	APPARATUS AND METHOD FOR CAPTURING CARBON DIOXIDE FROM COMBUSTION EXHAUST GAS AND GENERATING ELECTRIC ENERGY BY MEANS OF MCFC SYSTEMS
US2010104895	US20080261029 20081029	ANTIG TECHNOLOGY CORP [GB]	H01M8/00	STRUCTURE OF A FUEL CELL STACK
US2010040921	JP20070000499 20070105; WO2007JP74612 20071217	AOTO AKIRO [JP]; KOHARA TSUTOMU [JP]; MATSUBARA JUNICHI [JP]	H01M8/04	FUEL CELL
US2010021786	JP20060239896 20060905; WO2007JP67459 20070831	AOYAMA SATOSHI [JP]	H01M8/10; H01M4/92; H01M4/94	FUEL CELL
JP2010003456	JP20080159451 20080618	AQUAFAIRY KK	H01M8/06	FUEL CELL
CN101689670	WO2008FR50953 20080530; FR20070055418 20070601	AREVA NP [FR]; CERAMIQUES TECH SOC D [FR]; ARMINES [FR]; CENTRE NAT RECH SCIENT [FR]	H01M8/12; B01D53/32; C25B13/04	METHOD FOR OPTIMISING THE CONDUCTIVITY PROVIDED BY THE DISPLACEMENT OF H ⁺ PROTONS AND/OR OH ⁻ IONS IN A CONDUCTIVE MEMBRANE
JP2010018674	JP20080179135 20080709	ASAHI GLASS CO LTD [JP]	C08F214/18; C08F8/12;	POLYMER, METHOD FOR PRODUCING THE SAME, ELECTROLYTE MEMBRANE FOR SOLID POLYMER TYPE

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			H01B1/06; H01M8/02; H01M8/10	FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY
US2010009236	JP20060336878 20061214; WO2007JP73970 20071212	ASAHI GLASS CO LTD [JP]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR POLYMER ELECTROLYTE FUEL CELLS, AND MEMBRANE/ELECTRODE ASSEMBLY
AT455133T	JP20060319927 20061128; JP20070016038 20070126	ASAHI GLASS CO LTD [JP]	C08F8/12; C08F214/18; H01M8/10	POLYMER, POLYMERELEKTROLYTMEMBRAN FÜR POLYMERELEKTROLYT-BRENNSTOFFZELLE UND MEMBRAN-/ELEKTROLYTANORDNUNG
GB2464052	WO2008JP63703 20080730; JP20070201104 20070801; JP20080041255 20080222	ASAHI GLASS CO LTD [JP]	C03C8/04; C03C8/16; H01M8/12	LEAD-FREE GLASS
US2010159301	JP20080325863 20081222	ASAHI GLASS CO LTD [JP]	H01M8/10; B01J31/06	MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, COATING FLUID FOR FORMING CATALYST LAYER FOR POLYMER ELECTROLYTE FUEL CELL, AND PROCESS FOR PRODUCING MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL
US2010003400	JP20070024420 20070202; WO2008JP51567 20080131	ASAHI GLASS CO LTD [JP]; LTD AND PANASONIC CORP [JP]	H01M8/00	PROCESS FOR PRODUCING MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL AND PROCESS FOR PRODUCING POLYMER ELECTROLYTE FUEL CELL
CN101651218	CN20081129870 20080814	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/04	GAS DEW POINT CONTROL DEVICE
AT469445T	CN20011024221 20010816	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/04	RECHNUNGSSYSTEM VON DEM ANODENSTROM EINER BRENNSTOFFZELLE
CN101680045	WO2008US55872 20080305;	ATI PROPERTIES INC	C21D1/74; C21D3/02;	METHOD FOR REDUCING FORMATION OF ELECTRICALLY RESISTIVE LAYER ON FERRITIC STAINLESS STEELS

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	US20070905219P 20070306		C21D6/00; C23C8/14; H01M8/02	
US2010108177	US20080068120 20080201	ATOMIC ENERGY COUNCIL [TW]	H01M8/00; D03D1/00	APPARATUS FOR MAKING TUBULAR FILM TRANSISTORS
CN101652889	EP20070007179 20070405	ATOTECH DEUTSCHLAND GMBH DE	H01M8/02	PROCESS FOR THE PREPARATION OF ELECTRODES FOR USE IN A FUEL CELL
KR20100017589	JP20070157515 20070614	ATSUMITEC KK [JP]	G01N21/88; H01M8/04; H01M8/10	ION CONDUCTIVE ELECTROLYTE FILM INSPECTION METHOD
KR20100041748	JP20070179607 20070709	ATSUMITEC KK [JP]	G01N27/20; H01M8/02; H01M8/04; H01M8/10	METHOD AND APPARATUS FOR EXAMINING ION- CONDUCTIVE ELECTROLYTE MEMBRANE
KR20100038358	JP20070179606 20070709	ATSUMITEC KK [JP]	G01N27/20; H01M8/02; H01M8/04; H01M8/10	METHOD AND APPARATUS FOR EXAMINING ION- CONDUCTIVE ELECTROLYTE MEMBRANE
EP2178143	WO2008JP63972 20080804; JP20070204100 20070806	ATSUMITEC KK [JP]	H01M8/02; H01L35/32; H01M8/00	GENERATOR
US2010092811	WO2006US49343 20061227	BADRINARAYANAN PARAVASTU [US]	H01M8/10; H01M8/04	WETTABLE GAS DIFFUSION LAYER FOR A WET SEAL IN A FUEL CELL
US2010062303	KR20080088069 20080908	BAE JOONGMYEON [KR]; BAEK SEUNG-WOOK [KR]; LEE CHANGBO [KR]; BAE GYUJONG [KR]; JEONG JAEHWA [KR]; KIM YU-MI [KR]	H01M8/10; H01M4/82	METAL-SUPPORTED SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
US2010062302	KR20080088071 20080908	BAE JOONGMYEON [KR]; BAEK SEUNG-WOOK [KR]; LEE CHANGBO [KR]; BAE GYUJONG [KR]; KIM YU-MI	H01M8/10	METAL SUPPORT AND SOLID OXIDE FUEL CELL INCLUDING THE SAME

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		[KR]; JEONG JAEHWA [KR]		
WO2010004313	GB20080012486 20080708	BAE SYSTEMS PLC [GB]; WEBBERELY PHILIP LAWRENCE [GB]; HUCKER MARTYN JOHN [GB]; HAQ SAJAD [GB]; DUNLEAVY MICHEAL [GB]; DYKE AMY ELIZABETH [GB]	H01M10/04; H01G9/02; H01M6/40; H01M8/10; H01M8/12; H01M8/24; H01M14/00	ELECTRICAL POWER SOURCES
AT461531T	US20040023987 20041228; WO2005US47457 20051227	BALLARD POWER SYSTEMS [CA]	H01M8/02; H01M8/10; H01M8/24	BRENNSTOFFZELLENSTAPEL MIT INTEGRIERTEM STROMKOLLEKTOR UND ELEKTRISCHER KOMPONENTENPLATTE
US2010086811	WO2006US62530 20061222	BALLIET RYAN J [US]; REISER CARL A [US]; PATTERSON TIMOTHY W [US]	H01M8/00; H01M8/04	CONTROLLING AN AMOUNT OF LIQUID WITHIN A FUEL CELL
US2010047669	US20090590136 20091103; DE20021018367 20020425; DE20021018368 20020425; US20040512264 20041208; WO2003EP04117 20030422	BASF FUEL CELL GMBH [DE]	H01B1/06; H01M4/00; H01M8/02; H01M8/10	MULTILAYER ELECTROLYTE MEMBRANE
DK1771911T	DE200410035305 20040721; WO2005EP07945 20050721	BASF FUEL CELL GMBH [DE]	H01M8/24; C08J5/22; H01M2/08; H01M8/02; H01M8/10	MEMBRAN-ELEKTRODE-ENHEDER OG BRÖNDSTOFCELLER MED LANG LEVETID
KR20100065402	DE20021009419 20020305	BASF FUEL CELL GMBH [DE]	C08J5/22; C08K5/5317; H01B1/06;	PROTON CONDUCTING ELECTROLYTE MEMBRANE FOR USE IN HIGH TEMPERATURES AND THE USE THEREOF IN FUEL CELLS

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			H01M4/86; H01M4/88; H01M8/02; H01M8/10	
AT469184T	DE20031061833 20031230; WO2004EP14831 20041230	BASF FUEL CELL GMBH [DE]	C08G73/18; B01D67/00; B01D71/62; B01D71/64; C08J5/22; H01M8/10	PROTONENLEITENDE MEMBRAN UND DEREN VERWENDUNG
EP2176190	WO2008EP05402 20080702; DE200710030604 20070702	BASF SE [DE]	C04B35/486; C01G25/00; C04B35/64; H01M4/13; H01M8/12; H01M10/05; H01M10/052; H01M10/0562; H01M10/36	ION CONDUCTOR HAVING A GARNET STRUCTURE
EP2185280	WO2008EP60120 20080801; EP20070114978 20070824; EP20080786740 20080801	BASF SE [DE]	B01J23/40; B01J23/89; B01J35/00; B01J37/02; B01J37/03; B01J37/08; B01J37/18; C22F1/14; H01M4/38; H01M4/92; H01M8/10	CATALYST AND METHOD FOR THE PRODUCTION AND USE THEREOF
WO2010012717	EP20080161528 20080731	BASF SE [DE]; KOTREL STEFAN [US]; PANCHENKO ALEXANDER [DE]; STEIMLE	H01M4/04; H01M8/02	PRODUCTION OF THIN CATALYST LAYERS

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		XIAO [DE]		
WO2010063489	EP20080021238 20081206	BASF SE [DE]; LEITNER KLAUS [DE]	B01D71/62; B01D67/00; B01D71/82; C08J5/22; H01M8/10	METHOD FOR PRODUCING A PROTON-CONDUCTING MEMBRANE
WO2010023249	EP20080163363 20080901; EP20080173009 20081229	BASF SE [DE]; SCHAEFER ALEXANDER [DE]; STEINER JOCHEN [DE]; SCHWAB EKKEHARD [DE]; WENTINK ANNEBART ENGBERT [DE]; BOOS HELMUT [DE]; AMRHEIN PATRICK [US]	B01D53/02; C10L3/10; H01M8/06	ADSORBER MATERIAL AND METHOD FOR DESULFURIZATION OF HYDROCARBON GASES
US2010009222	US20090542431 20090817; US20030427866 20030501; US20020377527P 20020503	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/00; B05D5/12; H01M4/88; H01M4/90; H01M8/10; H01M8/12	CERIUM-MODIFIED DOPED STRONTIUM TITANATE COMPOSITIONS FOR SOLID OXIDE FUEL CELL ANODES AND ELECTRODES FOR OTHER ELECTROCHEMICAL DEVICES
KR20100015495	US20070734909 20070413	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/04; C01B3/38	METHOD AND SYSTEM FOR INTRODUCING FUEL OIL INTO A STEAM REFORMER WITH REDUCED CARBON DEPOSITION
KR20100036229	US20070811633 20070611	BATTELLE MEMORIAL INSTITUTE [US]	C04B37/00; C04B37/02; H01M8/02	DIFFUSION BARRIERS IN MODIFIED AIR BRAZES
US2010092816	US20090613637 20091106; US20040913287 20040806; WO2003US03865 20030206; US20020354713P 20020206;	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/04; H01M8/00; H01M10/42	METHODS OF REMOVING CONTAMINANTS FROM A FUEL CELL ELECTRODE

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	US20020431051P 20021205			
AT463847T	US20020354717P 20020206; WO2003US03862 20030206	BATTELLE MEMORIAL INSTITUTE [US]	C08J5/22; H01M8/02; B01D69/14; B01D71/46; B01D71/52; B01D71/68; B01D71/82; H01B1/06; H01B13/00; H01M8/10	POLYMERELEKTROLYTMEMBRANEN ZUR VERWENDUNG IN BRENNSTOFFZELLEN
US2010081026	US20080242165 20080930	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/10; H01M8/04	CASSETTES FOR SOLID-OXIDE FUEL CELL STACKS AND METHODS OF MAKING THE SAME
US2010159300	US20090640280 20091217; US20080139437P 20081219	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/10	CASSETTE LESS SOFC STACK AND METHOD OF ASSEMBLY
US2010143818	US20030714180 20031114; US20020426611P 20021115	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/24; H01M4/86; H01M4/88; H01M4/90; H01M8/10; H01M8/12	COPPER-SUBSTITUTED PEROVSKITE COMPOSITIONS FOR SOLID OXIDE FUEL CELL CATHODES AND OXYGEN REDUCTION ELECTRODES IN OTHER ELECTROCHEMICAL DEVICES
WO2010039436	US20080241277 20080930	BATTELLE MEMORIAL INSTITUTE [US]; KIM JIN YONG [US]; SPRENKLE VINCENT L [US]; CANFIELD NATHAN [US]; MEINHARDT KERRY D [US]; CHICK LAWRENCE A [US]	H01M4/86; H01M4/88; H01M8/12	OPTIMIZED CELL CONFIGURATIONS FOR STABLE LSCF- BASED SOLID OXIDE FUEL CELLS
WO2010071820	US20080139427P 20081219;	BATTELLE MEMORIAL INSTITUTE [US]; MEINHARDT	H01M8/02; H01M8/24	CASSETTE LESS SOFC STACK AND METHOD OF ASSEMBLY

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	US20090640280 20091217	KERRY D [US]		
AT463852T	DE200410059495 20041210; WO2005EP13247 20051209	BAXI INNOTECH GMBH [DE]	H01M8/06; H01M8/04	BRENNSTOFFZELLENHEIZGER?T SOWIE VERFAHREN ZUM BETREIBEN EINES BRENNSTOFFZELLENHEIZGER?TS
US2010022937	US20080178437 20080723	BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]	A61M1/14; B01D61/24; B01D61/28; B01D61/30; H01M8/00	PORTABLE POWER DIALYSIS MACHINE
DE102008034221	DE200810034221 20080723	BAYERISCHE MOTOREN WERKE AG [DE]	F02M21/02; F02M25/12; H01M8/06	FUEL SUPPLY DEVICE FOR USE IN MOTOR VEHICLE, HAS REACTOR VESSEL PROVIDED FOR EXECUTING HEAT EXCHANGER AND SEPARATOR FUNCTIONS FOR SUPPLYING HYDROGEN FOR CONSUMER THROUGH DEHYDRATION OF CARRIER MEDIUM E.G. LIQUID ORGANIC HYDROGEN CARRIER
EP2174370	WO2008EP02634 20080403; DE200710025479 20070531	BAYERISCHE MOTOREN WERKE AG [DE]	H01M8/02; H01M8/24	SINGLE FUEL CELL FOR A FUEL CELL STACK
EP2171785	WO2008US68338 20080626; US20070769583 20070627	BDF IP HOLDINGS LTD [CA]	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLIES FOR FUEL CELLS AND METHODS OF MAKING
KR20100058654	US20070860354 20070924	BDF IP HOLDINGS LTD [CA]	H01M4/86; B01J23/40; H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2010030654	US20080095402P 20080909	BDF IP HOLDINGS LTD [CA]; BALLARD MATERIAL PRODUCTS INC [US]; FARRINGTON SIMON [CA];	H01M8/02	LOW COMPRESSIVE LOAD SEAL DESIGN FOR SOLID POLYMER ELECTROLYTE FUEL CELL

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		ARTIBISE ROBERT H [CA]		
WO2010052033	EP20080168369 20081105	BELENOS CLEAN POWER HOLDING AG [CH]; HANNESEN UWE [CH]; TSUKADA AKINORI [CH]	H01M8/02; H01M8/04	FUEL CELL SYSTEM COMPRISING A HEAT EXCHANGER
WO2010031601	EP20080164501 20080917	BELENOS CLEAN POWER HOLDING AG [CH]; TSUKADA AKINORI [CH]; DIETRICH PHILIPP [CH]; HOFER MARCEL [CH]; BUECHI FELIX [CH]; HANNESEN UWE [CH]	H01M8/04	METHOD OF SHUT-DOWN AND STARTING OF A FUEL CELL
US2010077783	US20080286371 20080930	BHATTI MOHINDER S [US]; O'BRIEN JOHN F [US]; REYZIN ILYA [US]; GRIEVE MALCOLM J [US]; KELLY SEAN M [US]	F25D21/00; F24H3/02; F28F3/14; H01M8/04; H01M8/10	SOLID OXIDE FUEL CELL ASSISTED AIR CONDITIONING SYSTEM
CN101632197	US20050066573 20050225	BIC SOC [FR]	H01M8/18	HYDROGEN GENERATING FUEL CELL CARTRIDGES
CN101647145	US20070887918P 20070202	BIC SOC [FR]	H01M8/04	HYDROGEN GAS GENERATORS
KR20100049608	US20070957362P 20070822; US20070016508P 20071224	BIC SOC [FR]	H01M8/04; G05D7/00; H01M8/10	PRESSURIZED FUEL CELL CARTRIDGES
US2010112400	US20100686136 20100112; US20030725237 20031201	BIC SOC [FR]	H01M8/04; H01M8/10; H01M8/12	FUEL CELL SUPPLY INCLUDING INFORMATION STORAGE DEVICE AND CONTROL SYSTEM
WO2010051557	US20080140313P 20081223; US20080110780P 20081103	BIC SOC [FR]; ROSENZWEIG ALAIN [FR]; CURELLO ANDREW J [US]; SPAHR PAUL [US]; CURELLO MICHAEL R [US]	H01M8/00	HYDROGEN-GENERATING FUEL CELL CARTRIDGES

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WO2010035250	WO2008IB55628 20080929	BIC SOC [FR]; ROSENZWEIG ALAIN [FR]; RATH KURT [FR]	H01M8/06; H01M8/04	HYDROGEN GENERATING FUEL CELL CARTRIDGES.
US2010028729	WO2006US61271 20061128	BILLUPS MICHAEL S [US]; EVANS CRAIG E [US]; NARASIMHAMURTHY PRAVEEN [US]; REGE EVAN C [US]; ROGERS WILLIAM C [US]; SEDLACEK WESLEY E [US]; STUCKLEN FREDERIC W [US]	H01M8/04	FUEL CELL POWER PLANT INCLUDING A VARIABLE RESISTIVE DEVICE
US2010119890	US20090617508 20091112; US20080113966P 20081112	BIOFUELS ENERGY LLC [US]	H01M8/04; B65B3/00; B65B3/04	SYSTEMS AND METHODS FOR BIOMETHANE CLEANING AND DISTRIBUTION
US2010047637	US20090507670 20090722; US20080129838P 20080723	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/00; H01M8/18	OPERATION OF FUEL CELL SYSTEMS WITH REDUCED CARBON FORMATION AND ANODE LEADING EDGE DAMAGE
US2010009221	US20090458171 20090702; US20080129621P 20080708	BLOOM ENERGY CORP [US]	H01M8/04; H01M2/02	RECUPERATORS WITH SPIRAL FLOW FOR FUEL CELL SYSTEMS
US2010009220	US20090457982 20090626; US20080129623P 20080708	BLOOM ENERGY CORP [US]	H01M8/04	FUEL CELL LOAD CONTROLLER
US2010035092	US20080222295 20080806	BLOOM ENERGY CORP [US]	H01M8/02	STRUCTURE AND METHOD FOR SOFC OPERATION WITH FAILED CELL DIODE BYPASS
US2010035109	US20080222294 20080806	BLOOM ENERGY CORP [US]	H01M8/10; H01M8/04	FUEL CELL SYSTEMS WITH INCREASED FLOOR DENSITY
US2010028734	US20080155367 20080603; US20070924874P	BLOOM ENERGY CORP [US]	H01M8/04; H01M2/02; H01M8/00;	STRUCTURE FOR HIGH TEMPERATURE FUEL CELL SYSTEM START UP AND SHUTDOWN

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	20070604		H01M8/10; H01M8/18	
CN101682068	WO2008US04710 20080411; US20070785034 20070413	BLOOM ENERGY CORP [US]	H01M8/10	COMPOSITE ANODE SHOWING LOW PERFORMANCE LOSS WITH TIME
US2010092814	US20090585627 20090921; US20060404760 20060417	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/00	ONLINE CONFIGURABLE CONTROL SYSTEM FOR FUEL CELLS
US2010081018	US20090591872 20091203; US20050125267 20050510	BLOOM ENERGY CORP [US]	H01M8/00; H01M8/04	INCREASING THERMAL DISSIPATION OF FUEL CELL STACKS UNDER PARTIAL ELECTRICAL LOAD
EP2181475	WO2008US09069 20080725; US20070935092P 20070726	BLOOM ENERGY CORP [US]	H01M8/04; H01M8/10	HOT BOX DESIGN WITH A MULTI-STREAM HEAT EXCHANGER AND SINGLE AIR CONTROL
US2010159344	US20090591986 20091207; US20080193596P 20081209	BLOOM ENERGY CORP [US]	H01M8/24	FUEL CELL SEALS
WO2010059793	US20080193377P 20081121	BLOOM ENERGY CORP [US]; NGUYEN DIEN [US]; ARMSTRONG TAD [US]; BATAWI EMAD EL [US]; VERMA AVINASH [US]; OSWAL RAVI [US]; SRIDHAR K R [US]; DESHPANDE UJWAL [US]	H01M8/12	COATING PROCESS FOR PRODUCTION OF FUEL CELL COMPONENTS
EP2160780	WO2008EP02589 20080401; DE200710028007	BLUECHER GMBH [DE]	H01M4/86; H01M4/88; H01M4/90;	FUEL CELL WITH CATALYZER AND USE THEREOF

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	20070614		H01M4/92; H01M8/10	
KR100953932B	KR20090121096 20091208	BOLIM PREC CO LTD [KR]	H01M8/02; H01M8/14	INNER REFORMING TYPE SEPARATOR FOR MOLTEN CARBONATE FUEL CELL AND MANUFACTURING METHOD THEREOF
DE102008040208	DE200810040208 20080707	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M8/04	FUEL CELL I.E. POLYMER-ELECTROLYTE-MEMBRANE FUEL CELL, SYSTEM FOR USE IN AUTOMOTIVE FIELD TO PRODUCE CURRENT, HAS BALANCING AREAS ARRANGED AT END SIDES OF MEMBRANE ELEMENT FOR HUMIDIFYING AND TEMPERING INFLOW STREAMS
DE102009001153	DE200810040834 20080729; DE200910001153 20090225	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M4/86	ELEKTRODENELEMENT
DE102008040644	DE200810040644 20080723	BOSCH GMBH ROBERT [DE]	H01M8/02; H01M4/86	ELECTRODE ELEMENT FOR FUEL CELL SYSTEM, HAS CATALYST ARRANGED SUCH THAT DENSITY OF CATALYST IN AREA IS LARGER THAN DENSITY OF CATALYST IN ANOTHER AREA, WHERE FORMER AREA AND LATTER AREA ARE ARRANGED ADJACENT TO EACH OTHER
DE102008040958	DE200810040958 20080804	BOSCH GMBH ROBERT [DE]	H01M8/04	SAFETY UNIT FOR CONTROLLING E.G. OXYGEN FLOW IN FUEL CELL SYSTEM, HAS CLOSING ELEMENT DESIGNED SUCH THAT RESIDUAL ELEMENTS SOLIDIFIED ON CLOSING ELEMENT ARE BLASTED WITH REVERSIBLE CHANGE BETWEEN OPERATION AND CLOSING CONDITIONS
DE102009045952	DE200810043684 20081112; DE200910045952 20091023	BOSCH GMBH ROBERT [DE]	H01M8/04	METHOD FOR REVERSIBLE-TRANSFERRING FUEL CELL SYSTEM OF MOTOR VEHICLE FROM OPERATING CONDITION TO WAITING CONDITION, INVOLVES APPLYING ELECTRIC VOLTAGE TO FUEL CELL SUCH THAT ONE OF ELECTRODES FUNCTIONS AS ANODE IN OPERATING CONDITION
DE102008043873	DE200810043873	BOSCH GMBH ROBERT [DE]	H01M8/02	FLOW FIELD PLATE FOR SOLID OXIDE FUEL CELL

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	20081119			SYSTEM, HAS DELIMITATION AREA WITH CHANNEL RETAINING PART OF REACTANT, WHERE CHANNEL IS ARRANGED ADJACENT TO SEALING ELEMENT SUCH THAT PART OF REACTANT FLOWING THROUGH CHANNEL COOLS SEALING ELEMENT
DE102008043869	DE200810043869 20081119	BOSCH GMBH ROBERT [DE]	G05B11/32; H01M8/04	CONTROL SYSTEM FOR FUEL CELL SYSTEM, HAS MEASUREMENT SYSTEM FOR DETERMINING STATE VARIABLE OF CONTROL PATH, AND SECONDARY CONTROLLER FOR INFLUENCING MAXIMAL VARIABLE LIMIT AND MINIMAL VARIABLE LIMIT BASED ON STATE VARIABLE
DE102008054375	DE200810054375 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	EINSATZ VON DRUCKSENSOREN IN BRENNSTOFFZELLENSYSTEMEN ALS ERSATZ FÜR EINEN WASSERSTOFFPROZESSSENSOR
DE102008054370	DE200810054370 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	WARTUNGSFREIE UND KONTINUIERLICHE K ³ HLMITTELAUFBEREITUNG IN BRENNSTOFFZELLENFAHRZEUGEN MITTELS ELEKTRO-DEIONISATION (EDI) MIT VORTEILHAFTER IONENENTNAHME
DE102008044413	DE200810044413 20081208	BOSCH GMBH ROBERT [DE]	H01M8/04	WARTUNGSFREIE UND KONTINUIERLICHE K ³ HLMITTELAUFBEREITUNG IN BRENNSTOFFZELLENFAHRZEUGEN MITTELS ELEKTRO-DEIONISATION (EDI) IN VORTEILHAFTER ANORDNUNG
WO2010054937	DE200810043740 20081114	BOSCH GMBH ROBERT [DE]; GOTTWICK ULRICH [DE]; INTORP JENS [DE]; ZIRKEL DANIEL [DE]; WIEDEMANN GUNTER [DE]; SCHLIPF DAVID [DE]	H01M8/04	FUEL CELL SYSTEM WITH ENERGY-EFFICIENT REACTANT RECYCLING
WO2010003719	DE200810040211 20080707	BOSCH GMBH ROBERT [DE]; WAHL FLORIAN [DE]; KOENIGSMANN MARTIN HOLGER [DE]	H01M8/04; H01M8/06; H01M10/39; H01M16/00	METHOD FOR OPERATING A FUEL CELL SYSTEM AND FUEL CELL SYSTEM

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US2010156104	WO2006US10694 20060323	BOTTINELLI N EDWARD [US]	F01D15/10; B01J19/00; C10B1/00; C12M1/00; C25B15/00; F02C7/22; H01M8/06	THERMAL REDUCTION GASIFICATION PROCESS FOR GENERATING HYDROGEN AND ELECTRICITY
US2010028735	EP20060256432 20061219; EP20060256433 20061219; EP20060256457 20061219; WO2007GB04866 20071218	BP OIL INT	H01M8/04; C01B3/02; C07C2/76	PROCESS FOR CONVERTING METHANE INTO A HIGHER ALKANE MIXTURE
US2010047633	IL20080188538 20080102	BRANDSTETTER AHARON [IL]; BRANDSTETTER HAIM [IL]	H01M8/06; H01M8/04	ELECTRIC STORAGE FUEL CELL SYSTEM AND METHOD
US2010119725	FR20050053669 20051130; WO2006FR51241 20061128	BRAULT PASCAL [FR]	H01M8/10; H01M4/88	METHOD FOR PRODUCING A THIN-FILM FUEL CELL
US2010003555	US20090511572 20090729; JP20030427216 20031224; US20060472385 20060622; WO2004JP18996 20041220	BRIDGESTONE CORP; TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/04; B01D53/04; H01M8/06	METHOD AND DEVICE FOR DECONTAMINATION AIR FOR FUEL CELL, AND FUEL CELL
US2010143811	US20080532757 20080320; US20070896841P	BRIMBLECOMBE ROBIN [AU]; SPICCIA LEONE [AU]; DISMUKES CHARLES	H01M8/06; B01J23/34; B01J31/18;	WATER OXIDATION CATALYST

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	20070323; WO2008AU00407 20080320	GERARD [US]; SWIEGERS GERRY F [AU]	C25B1/04; C25B9/06; C25B11/04; H01L21/02; H05K3/00	
US2010035096	DE200510004426 20050131; WO2006DE00130 20060127	BRITZ PETER [DE]; MARTIN UDO [DE]; ZARTENAR NICHOLAS [DE]	H01M8/02; H01M2/00	FUEL CELL SYSTEM OPERATED BY COMPRESSED AIR
US2010062313	GB20070001449 20070126; WO2008GB00253 20080125	BROWNING DARREN JONATHAN [GB]; LOVELL KEITH VICTOR [GB]; HORSFALL JACQUELINE ANNE [GB]; WARING SUSAN CHRISTINE [GB]	C08J5/20; H01M8/10	ANION EXCHANGE MEMBRANES
IL164824	US20020378693P 20020508; US20020430677P 20021204; US20020435278P 20021223; WO2003US14123 20030507	BTU INT [US]; DANA CORP [US]	B01J7/00; B01D53/86; B01D53/92; B01J19/08; B01J19/12; B01J37/34; B22F3/105; C01B3/02; C21D1/06; C21D1/09; C21D1/38; F01N3/08; F01N3/10; F01N3/20; F01N3/24; F01N3/28; F01N3/30; F01N9/00; F27B17/00;	PLASMA CATALYST

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			F27D3/12; F27D11/08; F27D11/12; G21K5/00; H01J37/32; H01M8	
US2010040911	WO2006US46833 20061208	BURLATSKY SERGEI F [US]; COLPIN JEAN [US]; GHOSH SHUBHRO [US]; GUPTA NIKUNJ [US]; HAGANS PATRICK L [US]; ZHANG WEILONG [US]	H01M8/02; H01M8/00	FUEL CELL FLOW FIELD HAVING STRONG, CHEMICALLY STABLE METAL BIPOLAR PLATES
CN101635363	CN20081142570 20080727	BYD CO LTD [CN]	H01M8/02	VANADIUM ION REDOX FLOW BATTERY ELECTROLYTE, PREPARATION METHOD THEREOF AND BATTERY THEREOF
AT466385T	CN20051092995 20050826; WO2006CN02193 20060825	BYD CO LTD [CN]	H01M8/04; H01M8/02	STRÖMUNGSFELDPLATTEN FÜR BRENNSTOFFZELLEN
AT468622T	CN20051063142 20050405; CN20051090776 20050816; CN20051090775 20050816; CN20051109223 20051019; CN20051109224 20051019; WO2006CN00540 20060329	BYD CO LTD [CN]	H01M8/02	STRÖMUNGSFELDPLATTE UND BRENNSTOFFZELLENSTAPEL DAMIT
EP2153483	WO2008US64947 20080528;	CABOT CORP [US]	H01M4/86; H01M4/92;	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL

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	US20070756997 20070601		H01M8/02; H01M8/10	
US2010028746	US20090485816 20090616; US20040861828 20040604; US20030476413P 20030605	CALIFORNIA INST OF TECHN [US]	H01M8/10; H01M4/86; H01M4/90; H01M4/96; H01M8/00; H01M8/04	BA-SR-CO-FE-O BASED PEROVSKITE MIXED CONDUCTING MATERIALS AS CATHODE MATERIALS FOR INTERMEDIATE TEMPERATURE SOLID OXIDE FUEL CELLS BOTH IN DUAL CHAMBER AND SINGLE CHAMBER CONFIGURATION
US2010064958	US20090556037 20090909	CAMERON COLIN G [CA]; SMITH JEFFREY H [CA]	B63G8/14; C25B1/04; H01M8/00	WET BUOYANCY ENGINE
WO2010063105	US20080193455P 20081201	CANADA NAT RES COUNCIL [CA]; HUI SHIQIANG [CA]; MARIC RADENKA [CA]; YICK SING [CA]; DECES-PETIT CYRILLE [CA]; ZHANG XINGE [CA]	C30B29/22; B01J23/78; B01J23/83; C01G1/02; C22C29/12; C25B11/04; H01M4/90; H01M8/10	CATHODE MATERIALS FOR LOW TEMPERATURE SOLID OXIDE FUEL CELLS (SOFCs)
WO2010003224	US20080129575P 20080707	CANADA NAT RES COUNCIL [CA]; KIM DAE SIK [US]; GUIVER MICHAEL D [CA]	C08G65/00; C08J5/00; C08J5/22; H01M8/02	PROTON-CONDUCTING POLYMERIC POLY(ARYLENE ETHER)S WITH PENDANT PHENYL SULFONIC ACIDS
EP2149170	WO2008CA00843 20080430; US20070924091P 20070430	CANADA NAT RES COUNCIL [CA]; UNIV BRITISH COLUMBIA [CA]	H01M8/00; H01M4/86; H01M4/92; H01M8/06; H01M8/22	MEMBRANELESS FUEL CELL AND METHOD OF OPERATING SAME
US2010047642	JP20080211446 20080820	CANON KK [JP]	H01M8/04	FUEL CELL
JP2010003684	JP20080135690 20080523; JP20090121008	CANON KK [JP]	H01M4/86; H01M4/88; H01M8/10	METHOD OF MANUFACTURING CATALYST LAYER AND METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY

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	20090519			
US2010021788	JP20070131988 20070517; WO2008JP59394 20080515	CANON KK [JP]	H01M8/10; C23C14/32	POLYMER ELECTROLYTE COMPOSITE FILM, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
US2010015490	JP20060299470 20061102; WO2007JP71163 20071024	CANON KK [JP]	H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL AND POLYMER ELECTROLYTE FUEL CELL
KR20100012057	JP20070155473 20070612; JP20080070442 20080318	CANON KK [JP]	H01M4/88; H01M4/92; H01M8/10	METHOD OF PRODUCING FUEL CELL CATALYST LAYER
KR20100010522	JP20070157610 20070614	CANON KK [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND ACTIVATION METHOD FOR FUEL CELL
KR20100010521	JP20070155375 20070612	CANON KK [JP]	H01M4/88; H01M4/92; H01M8/10	METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, METHOD OF MANUFACTURING FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
US2010040928	JP20060306958 20061113; WO2007JP71591 20071031	CANON KK [JP]	H01M8/10; C08F10/00	POLYMER ELECTROLYTE MEMBRANE AND METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE
US2010028754	US20090571876 20091001; JP20010374174 20011207; JP20010374175 20011207; US20040497700 20040604; WO2002JP06513 20020627	CANON KK [JP]	H01M2/00; H01M8/02; H01M8/04; H01M8/10; H01M8/24	FUEL CELL SYSTEM WITH A CELL UNIT AND FUEL TANK UNIT IN A HOUSING AND ELECTRONIC DEVICE
US2010068583	US20090620954	CANON KK [JP]	H01M8/04	FUEL CELL STACK

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	20091118; JP20060035779 20060213; US20070624449 20070118			
US2010136457	JP20070023114 20070201; WO2008JP52000 20080131	CANON KK [JP]	H01M8/10; H01M4/86; H01M4/88; H01M4/92	GAS DIFFUSION ELECTRODE, FUEL CELL, AND MANUFACTURING METHOD FOR THE GAS DIFFUSION ELECTRODE
AT507517	AT20080001632 20081017; AT20090000976 20090625	CARDEC HYDROGEN STORAGE GMBH [AT]	H01M8/04	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG, REGELUNG UND ?BERWACHUNG VON BETRIEBSPARAMETERN VON BRENNSTOFFZELLENSYSTEMEN
US2010087885	US20090572191 20091001; US20080102598P 20081003	CARDIAC PACEMAKERS INC [US]	A61N1/378; H01M4/00; H01M4/52; H01M6/00	BIOSORBABLE BATTERY AND RELATED METHODS
JP2010002055	US20010330749P 20011030; US20020413557P 20020926; US20020279034 20021024	CARNEGIE INST OF WASHINGTON	F17C11/00; C01B3/00; C01B5/00; H01M8/04	COMPOSITION AND METHOD FOR HYDROGEN STORAGE
KR20100007995	JP20070170534 20070628	CASIO COMPUTER CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL DEVICE AND AN ELECTRONIC EQUIPMENT USING FUEL CELL DEVICE
JP2010015936	JP20080177033 20080707	CASIO COMPUTER CO LTD [JP]	H01M8/04	FUEL SUPPLY DEVICE, AND FUEL SUPPLY SYSTEM
JP2010015797	JP20080174095 20080703	CASIO COMPUTER CO LTD [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/12	FUEL CELL DEVICE AND ELECTRONIC EQUIPMENT
JP2010003491	JP20080160162 20080619	CASIO COMPUTER CO LTD [JP]	H01M8/04; C01B3/32;	FUEL CELL DEVICE AND ELECTRONIC DEVICE

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			H01M8/06	
HK1062083	WO2002JP00132 20020111; JP20010006127 20010115; JP20010309800 20011005; JP20010363082 20011128	CASIO COMPUTER CO LTD [JP]	H01M8/04	POWER SUPPLY SYSTEM
US2010081024	JP20080251674 20080929	CASIO COMPUTER CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
KR20100045495	JP20070244968 20070921	CASIO COMPUTER CO LTD [JP]	H01M8/02; H01M8/06; H01M8/12	FUEL CELL DEVICE AND ELECTRONIC EQUIPMENT USING FUEL CELL DEVICE
JP2010021004	JP20080180014 20080710	CASIO HITACHI MOBILE COMM CO	H01M8/00; H01M8/04; H01M8/10	ELECTRONIC EQUIPMENT, AND PROGRAM
US2010040916	US20070301056 20070531; US20060810012P 20060531; WO2007US70033 20070531	CASTALDI MARCO J [US]; CHANDRAN KARTIK [US]	H01M8/04; B01J19/00; C01B3/06; H01M8/18	METHODS AND SYSTEMS FOR GENERATING HYDROGEN FROM A BIOMASS
US2010151342	US20080527939 20080220; US20070902312P 20070220; WO2008US54385 20080220	CASTLE RES ASSOCIATES INC [US]	H01M8/10; H01M4/64; H01M8/04	TUBULAR FUEL CELL DESIGN WITH IMPROVED CONSTRUCTION AND OPERATING EFFICIENCY
WO2010047304	JP20080272018 20081022	CATALER CORP [JP]; TAKAHASHI HIROAKI [JP]; HORIUCHI YOSUKE [JP]; TERADA TOMOAKI [JP];	H01M4/96; B01J23/42; B01J32/00; H01M4/86;	ELECTRODE CATALYST FOR FUEL CELL

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		NAGATA TAKAHIRO [JP]; TABATA TOSHIHARU [JP]; KATAOKA MIKIHIRO [JP]	H01M4/92	
WO2010070994	JP20080320144 20081216	CATALER CORP [JP]; TAKEDA NAMI [JP]; OHASHI SOZABURO [JP]; NAGAMI TETSUO [JP]; TABATA TOSHIHARU [JP]; ISHIDA TOMOHIRO [JP]; KATAOKA MIKIHIRO [JP]	H01M4/96; H01M8/10	ANODE CATALYST LAYER FOR SOLID POLYMER FUEL CELL
EP2202831	WO2008JP68593 20081014; JP20070268158 20071015	CATALER CORP [JP]; TOYOTA MOTOR CO LTD [JP]	H01M4/92; H01M4/96; H01M8/02; H01M8/10	SUPPORTED CATALYST FOR FUEL CELL AND FUEL CELLS
ES2331764	ES20060003031 20061123	CELAYA EMPARANZA GALDOS SA [ES]	H01M8/02; H01M8/24	PILA DE CONSUMO QUE COMPRENDE UNA PILA DE COMBUSTIBLE
US2010136463	US20090625881 20091125; US20030627330 20030725; US20010837864 20010418; US20000197998P 20000418	CELLTECH POWER LLC [US]	H01M4/02; H01M4/48; H01M4/50; H01M4/90; H01M8/00; H01M8/10; H01M12/06; H01M14/00	ELECTROCHEMICAL DEVICE AND METHODS FOR ENERGY CONVERSION
WO2010024338	JP20080220248 20080828	CENTRAL GLASS CO LTD [JP]; NANAI HIDEHISA; KOMORIYA HARUHIKO; NANMYO TSUTOMU; TSUJIOKA SHOICHI; MAEDA KAZUHIKO	C08F228/02; H01B1/06; H01M8/02; H01M8/10; H01M10/0565	FLUORINE-CONTAINING POLYMER AND POLYMER SOLID ELECTROLYTE USING SAME
DE112008001122T	JP20070136545 20070523; WO2008JP59102	CENTRAL RES INST ELECT [JP]	C10J3/46; H01M8/00; H01M8/06	EINRICHTUNG ZUR GASERZEUGUNG

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	20080519			
US2010015486	WO2007JP52152 20070207; WO2008JP51202 20080128	CENTRAL RES INST ELECT [JP]	H01M8/04	POWER GENERATING PLANT
US2010136442	FR20070053533 20070227; WO2008FR50295 20080221	CENTRE NAT RECH SCIENT [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/10; B01J19/00; H01M8/06	HYDROGEN PRODUCTION BY WATER DISSOCIATION IN THE PRESENCE OF SNO USING THE SNO2/SNO COUPLE IN A SERIES OF THERMOCHEMICAL REACTIONS
FR2936105	FR20080056207 20080916	CENTRE NAT RECH SCIENT [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]; INP INST NAT POLYTECHNIQUE [FR]	H01M8/16	PILE A COMBUSTIBLE MICROBIENNE CONSTITUEE D'ELECTRODES SELECTIVES ET D'UN ELECTROLYTE UNIQUE.
FR2939784	FR20080007087 20081216	CENTRE NAT RECH SCIENT [FR]; MCPHY ENERGY [FR]	C01B3/00; C01B6/04; F17C11/00; H01M8/04	RESERVOIR ADIABATIQUE D'HYDRURE METALLIQUE
EP2144847	WO2008FR50784 20080502; FR20070054866 20070504	CENTRE NAT RECH SCIENT [FR]; UNIV FRANCHE COMTE [FR]	C01B3/06; H01M8/06	METHOD FOR PRODUCING DIHYDROGEN FROM HYDROGENATED SILICON
EP2156498	WO2008FR50381 20080306; FR20070055287 20070528	CERAM HYD [FR]	H01M8/10; C04B35/583; H01M2/16; H01M4/92; H01M8/02; H01M8/06	METHOD OF ACTIVATING BORON NITRIDE
EP2171783	WO2008US08623 20080714; US20070949802P 20070713	CERAMATEC INC [US]	H01M8/00	CLEANSING AGENT GENERATOR AND DISPENSER
AT464664T	AU2002PS01934	CERAMIC FUEL CELLS LTD	C01B3/26;	VERFAHREN ZUM BETRIEB EINER BRENNSTOFFZELLE

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	20020423; WO2003AU00479 20030422	[AU]	H01M8/00; C01B3/22; C01B3/24; C01B3/32; C01B3/38; H01M8/04; H01M8/06; H01M8/12	
AT463052T	AU2002PS00765 20020226; WO2002AU00939 20020713; WO2003AU00235 20030226	CERAMIC FUEL CELLS LTD [AU]	H01M8/02; B03C3/00; H01M2/14; H01M2/16; H01M2/18; H01M8/24	BRENNSTOFFZELLENGASSEPARATOR
AT461530T	AU1999PQ03154 19990929; WO2000AU01187 20000928	CERAMIC FUEL CELLS LTD [AU]	H01M4/86; H01M8/02; H01M8/12; H01M8/24	BRENNSTOFFZELLENANORDNUNG
AT465868T	AU1999PQ04921 19991230; WO2000AU01560 20001219	CERAMIC FUEL CELLS LTD [AU]	B28B11/00; B32B18/00; B32B37/00; C04B35/01; C04B35/486; H01M4/88; H01M8/02; H01M8/12	LAMINIERTE STRUKTUR UND VERFAHREN ZU IHRER HERSTELLUNG
WO2010040182	AU20080905267 20081009	CERAMIC FUEL CELLS LTD [AU]; WATTS MERRILL RUTH [AU]; AMARASINGHE SUDATH DHARMA KUMA [AU]; LOVE JONATHAN GERALD [AU]	H01M8/00; H01M4/88; H01M8/10; H01M8/12	A SOLID OXIDE FUEL CELL OR SOLID OXIDE FUEL CELL SUB-COMPONENT AND METHODS OF PREPARING SAME
EP2142298	WO2008GB01543 20080501;	CERES INTELLECTUAL PROPERTY CO [GB]	B01J37/02; C01B3/02;	IMPROVEMENTS IN OR RELATING TO FUEL CELLS

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	GB20070008406 20070501		C01B3/12; C01B3/16; H01M4/86; H01M8/02; H01M8/12	
GB2462849	GB20080015312 20080821	CERES INTELLECTUAL PROPERTY CO [GB]	H01M8/04	IMPROVED FUEL CELL STACK FLOW HOOD AIR FLOW USING AN AIR DISTRIBUTION DEVICE
CN101647144	GB20070003762 20070227	CERES INTELLECTUAL PROPERTY CO [GB]	H01M8/04	FUEL CELL STACK FLOW HOOD
WO2010020797	GB20080015312 20080821; GB20080015535 20080826; US20080090947P 20080822	CERES INTELLECTUAL PROPERTY CO [GB]; BARNARD PAUL [GB]; HAIDAR NEVILLE [GB]; HARRINGTON MATTHEW [GB]	H01M8/24; H01M8/04	IMPROVED FUEL CELL STACK FLOW HOOD AIR FLOW USING AN AIR DISTRIBUTION DEVICE
WO2010061190	GB20080021700 20081127	CERES INTELLECTUAL PROPERTY CO [GB]; DEVRIENDT JAMES [GB]; EVANS CHRISTOPHER JOHN [GB]; MORGAN ROBERT [GB]; BARNARD PAUL [GB]; GIRVAN BRUCE [GB]	H01M8/00; F24H9/06; F24H9/20	A BOILER UNIT
US2010028732	GB20040002906 20040210; WO2005GB00355 20050202	CERES POWER LTD [GB]	H01M8/04; H01M8/12	METHOD AN APPARATUS FOR OPERATING A SOLID- OXIDE FUEL CELL STACK WITH A MIXED IONIC/ELECTRONIC CONDUCTING ELECTROLYTE
RU2382442	US20060371259 20060308	CHANG CHUN-CH EKH [US]	H01M4/1397; H01M4/58; H01M8/10	CATHODE MATERIAL FOR USE IN LITHIUM-ION BATTERIES
CN101656323	CN20091066723 20090331	CHANGCHUN APPLIED CHEMISTRY	H01M8/10	METHOD FOR SEALING FUEL CELL
CN101645514	CN20091067206 20090702	CHANGCHUN APPLIED CHEMISTRY	H01M8/10	PASSIVE DIRECT METHANOL FUEL CELL BY EMPLOYING PURE METHANOL FEEDING MODE

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US2010035094	KR20060131388 20061220; WO2006KR05855 20061228	CHEIL IND [KR]	H01M4/00; H01B1/24; H01M8/00	HYDROPHILIC INORGANIC AGGREGATE, A METHOD FOR PREPARING THE SAME, HYDROPHILIC COMPOSITE MATERIAL AND BIPOLAR PLATE FOR FUEL CELL COMPRISING THE SAME
US2010075184	US20080235010 20080922	CHEN SHU-CHIN [TW]; CHEN TZU-YU [TW]; LIN PI-SUNG [TW]	H01M8/04	CARBON DIOXIDE DISSOLUTION AND C4+NM STATE CARBON RECYCLING DEVICE AND METHOD
US2010136375	US20080326874 20081202	CHENG YUNG-NENG [TW]; LEE RUEY-YI [TW]; LIN HUNG-HSIANG [TW]	H01M8/04	IN LINE HEIGHT MEASUREMENT SYSTEM FOR PLANAR FUEL CELL
CN101662033	CN20081118468 20080825	CHINESE ACAD PHYSICS INST	H01M8/10	SOLID OXIDE FUEL CELL AND PREPARATION METHOD THEREOF
JP2010008146	JP20080165842 20080625	CHINO CORP	G01R27/02; H01M8/04	INTERNAL IMPEDANCE MEASURING DEVICE
GR20080100743	GR20080100743 20081126	CHRONAKIS DIMITRIOS	C25B1/04; F03D9/00; H01M8/06; H01M8/18	SYSTEM ANSWERING THE FLUCTUATING DEMAND OF POWER BY USE OF RENEWABLE ENERGY SOURCE
CN101630750	CN20081132393 20080716	CHUNG HSIN ELECTRIC & MACHINER	H01M8/04	FUEL CELL STRUCTURE OF EXTERNAL-HANGING TYPE FLOW CHANNEL
CN101677127	CN20081211556 20080919	CHUNG HSIN ELECTRIC & MACHINER	H01M8/02; H01M4/86	FUEL CELL MEMBRANE ELECTRODE STRUCTURE WITH FOAMING TYPE BASE MATERIALS
EP2141762	US20080166133 20080701	CLEAREDGE POWER INC [US]	H01M8/06	CONTROL FOR REFORMER, FUEL CELL AND BATTERY MANAGEMENT SYSTEM IN A STATIONARY POWER PLANT
WO2010031771	IT2008BO00566 20080916	CNH ITALIA SPA [IT]; SEDONI ENRICO [IT]; FERRARI ROBERTO [IT]; MORSELLI RICCCARDO [IT]; SPADONI RICCARDO [IT]	H01M8/00; B60K8/00	AN AGRICULTURAL VEHICLE
KR20100067889	KR20080126481 20081212	CNL ENERGY CO LTD [KR]	H01M8/04; F24F6/10; H01M8/24	A GAS HUMIDIFIER OF A FUEL CELL
US2010028726	EP20050013970	COERLIN DETLEV [DE];	H01M8/04;	METHOD FOR SUPPLYING FUEL GAS TO A GAS

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	20050628; WO2006EP63430 20060622	COERLIN HERDITH GRETE GABRIELE [DE]; STUEHLER WALTER [DE]; VOITLEIN OTTMAR [DE]	H01M8/00	CHAMBER OF A FUEL CELL AND FUEL CELL
EP2171778	WO2008US68292 20080626; US20070946230P 20070626	COLEMAN CO [US]	H01M2/10; H01M8/24; H01M16/00	ELECTRICAL APPLIANCE THAT UTILIZES MULTIPLE POWER SOURCES
US2010119889	US20090617387 20091112; US20080114080P 20081113	COLLEGE OF WILLIAM AND MARY [US]	H01M8/00; H01M8/10	SOLID OXIDE PROTON CONDUCTOR SYSTEM AND METHOD OF OPERATING SAME FOR ENHANCED PROTON TRANSPORT
US2010068571	US20090492071 20090625; US20050553531 20051014; WO2004US11576 20040415; US20030463465P 20030416	COLLINGS MICHAEL [US]; AULICH TED R [US]; TIMPE RONALD C [US]; HOLMES MICHAEL J [US]	C01B3/26; C01B3/04; C01B31/18; C01B31/20; H01M8/06	SYSTEM AND PROCESS FOR PRODUCING HIGH- PRESSURE HYDROGEN
FR2933160	FR20080054232 20080625	COMMISSARIAT ENERGIE ATOMIQUE [FR]	F16J15/08; H01M8/02	ASSEMBLAGE COMPORTANT UN JOINT D'ETANCHEITE INTERCALE ENTRE DEUX COMPOSANTS DE COEFFICIENT DE DILATATION MOYEN THERMIQUE DIFFERENT, JOINT D'ETANCHEITE ASSOCIE, APPLICATION A L'ETANCHEITE D'ELECTROLYSEURS EHT ET DES PILES A COMBUSTIBLE
US2010015489	FR20080002032 20080414	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10; B05D5/12; C25B9/00; H01M4/88; H01M4/90	TITANATES OF PEROVSKITE OR DERIVED STRUCTURE AND APPLICATIONS THEREOF
ES2331898T	FR20060050398 20060203	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M4/92; B01J23/652;	CATODO PARA REACTOR ELECTROQUIMICO, REACTOR ELECTROQUIMICO QUE COMPRENDE DICHOS CATODOS

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			C23C16/18; C25B11/04; H01M4/86; H01M4/88; H01M8/10	Y PROCEDIMIENTO DE FABRICACION DE DICHO CATODO.
AT457086T	FR20070005652 20070802	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10	VERFAHREN ZUR HERSTELLUNG EINER BRENNSTOFFZELLE AUF EINEM PORISEN UNTERGRUND
EP2165381	WO2008FR50778 20080430; FR20070056400 20070710	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02; H01M8/10	IMPERMEABLE POROUS SUBSTRATE FOR PLANAR FUEL CELLS AND INTEGRATED PACKAGING
AT460756T	FR20050052517 20050816; WO2006EP65255 20060811	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/24; B29C70/88; C08J5/18; H01B1/20; H01M2/16	POLYMERBUNDMEMBRAN MIT IONEN-/ELEKTRONENLEITFÄHIGKEIT, HERSTELLUNGSVERFAHREN DAFÜR UND KERN EINER PLANAREN BRENNSTOFFZELLE MIT DIESER MEMBRAN
FR2935843	FR20080056120 20080911	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M2/14; H01M8/00; H01M8/10	ELECTROLYTE POUR PILE SOFC ET SON PROCÉDE DE FABRICATION.
FR2937630	FR20080005914 20081024	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/08; H01M8/06	SYSTEME CATALYTIQUE POUR LA GENERATION D'HYDROGENE PAR LA REACTION D'HYDROLYSE DES BOROHYDRURES METALLIQUES
US2010098992	FR20080005789 20081020	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/10	PROCESS FOR THE FORMATION OF PORES IN A POLYMER MATRIX
FR2937478	FR20080057162 20081022	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H02M11/00; H01M8/06	ELECTRIC DIRECT CURRENT-DIRECT CURRENT CONVERTER FOR E.G. MICRO-ELECTRO-MECHANICAL SYSTEM, HAS CURRENT COLLECTORS COLLECTING ELECTRIC DIRECT CURRENT GENERATED BY FUEL CELL, AND WATER SUPPLY UNIT SUPPLYING WATER TO ANODE OF ELECTROLYZER
FR2937468	FR20080006465 20081119	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02	PROTON CONDUCTIVE MEMBRANE, USEFUL FOR PROTON EXCHANGE MEMBRANE FUEL CELL, COMPRISES A MULTILAYER STACK

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AT461532T	FR20050053180 20051019; WO2006EP67500 20061017	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02; C25B9/18; H01M8/24	RÍHRENFÍRMIGES BRENNSTOFFZELLENMODUL UND DICHT EINRICHTUNG DAF?R
EP2174772	FR20080056890 20081010	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B29C59/02	STRUCTURING ON THE SURFACE OF THIN LAYERS BY LOCALISED EJECTION OF NON-MISCIBLE LIQUID
FR2938456	FR20080006351 20081114	COMMISSARIAT ENERGIE ATOMIQUE [FR]	B01J35/10; B01J21/02; B01J23/75; B01J37/26; C01B3/06; C01B6/00; H01M8/06	METAL PARTICLES, USEFUL FOR THE HYDROLYSIS REACTION OF A CHEMICAL HYDRIDE INTO HYDROGEN, COMPRISES ELEMENTS COMPRISING GROUP IIIA-VIIB OF THE PERIODIC TABLE OF ELEMENTS AND THEIR MIXTURES, CARRYING HYDROPHOBIC GROUPS ON THEIR SURFACE
FR2938270	FR20080057664 20081112	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C22C1/08; B22F3/12; B32B5/22; B32B15/01; C22C33/02; C22F1/00; C25B9/02; H01M4/70; H01M8/02	SUBSTRAT EN METAL OU ALLIAGE METALLIQUE POREUX, SON PROCEDE DE PREPARATION, ET CELLULES D'EHT OU DE SOFC A METAL SUPPORT COMPRENANT CE SUBSTRAT
EP2183812	WO2008EP61380 20080829; FR20070057328 20070903	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04; H01M8/00; H01M8/02; H01M8/12; H01M8/18; H01M8/24	COAXIAL MODULE FOR FUEL CELL OR ELECTROLYSER WITH BALL INTERCONNECTORS
FR2937966	FR20080058063 20081127	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C01B3/00; F17C1/16; F17C11/00; H01M8/04	HYDROGEN TANK FOR SUPPLYING HYDROGEN TO A FUEL CELL, COMPRISES A MATERIAL SUCH AS A METAL HYDRIDE CAPABLE OF ABSORBING HYDROGEN VIA NATURAL CHEMICAL BONDS, AND A COMPRESSIBLE MATERIAL FOR COVERING A PART OF INTERNAL WALLS

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				OF THE TANK
EP2198074	WO2008EP62650 20080923; FR20070057822 20070925	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C25B9/18; C25B1/04; H01M8/04; H01M8/24	HIGH TEMPERATURE ELECTROLYSER WITH TEMPERATURE HOMOGENISATION DEVICE
EP2176167	WO2008EP57902 20080620; FR20070055957 20070622	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	C01B33/12; C01B33/18; C01B39/02; C01G23/04; C01G25/02; C08J5/22; C08K9/08; H01M8/10	COMPOSITE FOR FUEL CELL MEMBRANE BASED ON ORGANOMODIFIED INORGANIC PARTICLES AND A PROCESS FOR PREPARING SAME
US2010112414	US20100685063 20100111; FR20020001488 20020207; US20050503395 20050311; WO2003FR00354 20030205	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	H01M4/00; H01M4/90; H01M8/10; H01M8/16	FUEL CELL, USING OXIDOREDUCTASE TYPE ENZYMES IN THE CATHODIC COMPARTMENT AND POSSIBLY IN THE ANODIC COMPARTMENT
FR2939439	FR20080006890 20081209	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; UNIV CERGY PONTOISE [FR]; ECOLE NALE SUP ARTES METIERS [FR]; UNIV SAVOIE [FR]	C08F291/00; C08J3/24; C08J5/18; H01M8/10	NOUVEAUX RESEAUX INTERPENETRES DE POLYMERES ET LEURS APPLICATIONS
WO2010049443	FR20080057407 20081030	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DI IORIO STEPHANE [FR]; DELAHAYE THIBAUD [FR]	H01M8/12; C25B13/00; H01M8/10	ELECTROLYTE WITH REDUCED RIGIDITY, AND ELECTROCHEMICAL SYSTEM INCLUDING SUCH AN ELECTROLYTE
WO2010049441	FR20080057406	COMMISSARIAT ENERGIE	H01M8/12;	ELECTROLYTE PLATE WITH INCREASED RIGIDITY, AND

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	20081030	ATOMIQUE [FR]; DI IORIO STEPHANE [FR]; DELAHAYE THIBAUD [FR]	C25B13/00; H01M8/10	ELECTROCHEMICAL SYSTEM INCLUDING SUCH AN ELECTROLYTE PLATE
WO2010010105	FR20080055140 20080725	COMMISSARIAT ENERGIE ATOMIQUE [FR]; PEUGEOT CITROEN AUTOMOBILES SA [FR]; GARNIT SADOK [FR]; ROY FRANCIS [FR]; JONCQUET GUILLAUME [FR]; POIROT-CROUVEZIER JEAN-PHILIPP [FR]	H01M8/04	DRAINING MEANS FOR A FUEL CELL SYSTEM AND RELATED ADJUSTMENT MODE
US2010021784	FR20060053886 20060921; WO2007FR51837 20070824	COMMISSARIAT ENERGIE ATOMIQUE [FR]; SNECMA [FR]	H01M8/04	SOLID OXIDE FUEL CELL COMPRISING A THERMAL EXCHANGER
WO2010055365	WO2008IB03693 20081112	COMMISSARIAT ENERGIE ATOMIQUE [FR]; UNI DEGLI STUDI DI BARI [IT]; MARTIN STEVE [FR]; D AGOSTINO RICCARDO [IT]; LATOUR ANTOINE [FR];	H01M4/86; H01M4/88; H01M4/92; H01M8/10	CATALYST THIN LAYER AND METHOD FOR FABRICATING THE SAME
EP2148941	WO2008AU00657 20080512; US20070803870 20070516	COMMW SCIENT IND RES ORG [AU]	C25B1/02; C25B1/04; C25B1/10; C25B1/24; C25B15/08; H01M8/04; H01M8/22; H01M12/04	PEM WATER ELECTROLYSIS FOR OXYGEN GENERATION METHOD AND APPARATUS
ES2336750	ES20080001838 20080619	CONSEJO SUPERIOR INVESTIGACION [ES]	H01M8/02; C08J5/22; H01M8/10	MEMBRANA DE ELECTROLITO POLIMERICO HIBRIDA Y SUS APLICACIONES.
WO2010008449	US20080074793P	CONTI AMEDEO [US];	H01M8/24;	FUEL CELL DESIGN BASED ON A FRAMED BIPOLAR

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	20080623	BLANCHET SCOTT C [US]; GAMBINI FILIPPO [US]	H01M8/02	PLATE
KR20100017845	US20070804020 20070516	CORNING INC [US]	H01M8/02; H01M8/12; H01M8/24	THERMO-MECHANICAL ROBUST SOLID OXIDE FUEL CELL DEVICE ASSEMBLY
EP2168192	WO2008US08189 20080701; US20070958409P 20070705	CORNING INC [US]	H01M8/02; H01M8/12	INSULATION FOR SOFC SYSTEMS
CN101682069	WO2008US04341 20080403; US20070923021P 20070412	CORNING INC [US]	H01M8/12; C03B27/012; C03C3/064; C03C8/24; C03C10/00; C03C14/00; C03C29/00; C04B35/195; F16J15/12; H01M8/02	SEALING MATERIALS, DEVICES UTILIZING SUCH MATERIALS AND A METHOD OF MAKING SUCH DEVICES
EP2179467	WO2008US09414 20080805; US20070963933P 20070808	CORNING INC [US]	H01M8/02	SOLID OXIDE FUEL CELL DEVICES WITH SERPENTINE SEAL GEOMETRY
EP2183806	WO2008US09425 20080806; US20070963932P 20070808	CORNING INC [US]	H01M4/86; H01M4/88; H01M4/90; H01M8/12	COMPOSITE CATHODE FOR USE IN SOLID OXIDE FUEL CELL DEVICES
EP2201636	WO2008IN00512 20080814; IN2007DE01831 20070829	COUNCIL SCIENT IND RES [IN]	H01M8/10; B01D67/00; B01D69/14	PROTON CONDUCTING POLYMER ELECTROLYTE MEMBRANE USEFUL IN POLYMER ELECTROLYTE FUEL CELLS
CN101689656	WO2007KR02466 20070521	CT & T CO LTD; KOREA ADVANCED INST SCI & TECH;	H01M8/04	THE METHOD OF PURGING FOR FUEL CELL

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		FUELCELLPOWER INC		
JP2010003417	JP20080158634 20080618	DAIDO STEEL CO LTD	H01M8/02; C22C38/00; C22C38/58	AUSTENITIC STAINLESS STEEL USED FOR FUEL CELL SEPARATOR
US2010035111	JP20070082891 20070327; WO2007JP67520 20070907	DAIHATSU MOTOR CO LTD [JP]	H01M8/10	FUEL CELL
EP2190051	WO2008JP65965 20080904; JP20070238280 20070913	DAIHATSU MOTOR CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
US2010080931	US20090629817 20091202; JP20030402328 20031201; US20040580964 20041201; WO2004JP17889 20041201	DAIKIN IND LTD [JP]	B05D3/06; B05D3/02; C08J3/24; C08K5/18; C08L27/12; C09D127/12; H01M8/02; H01M8/10	LIQUID FLUOROPOLYMER COMPOSITION AND PROCESS FOR PRODUCING CROSSLINKED FLUORO-CHEMICAL
DE102008029183	DE200810029183 20080619	DAIMLER CHRYSLER AG [DE]	H01M8/02	ELECTRICITY PRODUCING DEVICE FOR USE IN VEHICLE, HAS FUEL CELL STACK WITH INDIVIDUAL CELLS CLAMPED BETWEEN END PLATES, WHERE ONE PLATE IS ELONGATED AT SIDE OVER STACK, AND STACK AND POWER ELECTRONICS ARE CONNECTED BY ELONGATED PLATE
US2010003551	DE200610050182 20061025; WO2007EP08259 20070922	DAIMLER CHRYSLER AG [DE]	H01M8/04	METHOD FOR OPERATING A FUEL CELL SYSTEM IN A MODE OF REDUCED POWER OUTPUT
US2010003570	DE200610040749 20060831; WO2007EP07348	DAIMLER CHRYSLER AG [DE]	H01M8/10; B05D5/12	OXIDATION-STABILISED POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELLS

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	20070821			
DE102008050157	DE200810039511 20080823; DE200810050157 20081001	DAIMLER CHRYSLER AG [DE]	H01M8/04	AIR SUPPLY SYSTEM FOR FUEL CELL IN MOTOR VEHICLE, HAS GUIDE BAFFLE POSITIONED UPSTREAM OF TURBINE WHEEL, WHERE FUEL CELL FACTOR IS DEFINED AS RATIO OF SMALLEST TURBINE CROSS SECTION OF BAFFLE AND SPIRAL INLET CROSS SECTION OF SPIRAL CHANNEL
DE102009032813	DE200910032813 20090713	DAIMLER CHRYSLER AG [DE]	H01M8/02	FUEL CELL SYSTEM FOR USE IN MOTOR VEHICLE, HAS LOCKING LEVER COMPRISING ACTUATING END WITH RESPECT TO TILTING AXIS AND ACTUATED BY ACTUATING SCREW FOR PIVOTING LEVER ABOUT AXIS, WHERE SCREW EXTENDS TRANSVERSE TO TILTING AXIS
DE102008039911	DE200810039911 20080827	DAIMLER CHRYSLER AG [DE]	F16L11/20; F16L11/22; H01M8/04	TUBE FOR USE AS E.G. HUMIDIFIER, IN FUEL CELL SYSTEM, HAS SEPARATION WALL FOR LIMITING INTERIOR SPACE OF TUBE TOGETHER WITH EXTERNAL WALL, WHERE SEPARATION WALL IS WATER PERMEABLE AND/OR WATER VAPOR PERMEABLE
EP2158629	WO2008EP04344 20080531; DE200710028297 20070620	DAIMLER CHRYSLER AG [DE]	H01M8/04	DEVICE AND METHOD FOR PROVIDING A FUEL CELL WITH AN OXIDIZING AGENT
US2010009226	DE200710003144 20070122; WO2008EP00410 20080121	DAIMLER CHRYSLER AG [DE]	H01M8/04	DEVICE FOR TREATING REACTION GASES IN FUEL CELLS
DE102008033220	DE200810033220 20080715	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE FOR FUEL CELL ARRANGEMENT, HAS COOLANT CHANNEL FORMED BETWEEN ANODE PLATE AND CATHODE PLATE, AND METERING POSITIONS OF ADJACENT METERING CHANNELS SHIFTEDLY ARRANGED TO EACH OTHER
DE102008033210	DE200810033210 20080715	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE FOR FUEL CELL ARRANGEMENT OF VEHICLE, HAS CHANNELS AND RODS, WHERE ADJACENT

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				CHANNELS AND/OR RODS ON ONE OF OUTER SIDES OF PLATE COMPRISE PERIODICALLY VARYING CHANNEL BREADTH AND/OR PERIODICALLY VARYING ROD BREADTH
DE102008033209	DE200810033209 20080715	DAIMLER CHRYSLER AG [DE]	H01M8/02	FUEL CELL ARRANGEMENT I.E. POLYMER-ELECTROLYTE-MEMBRANE FUEL CELL ARRANGEMENT, FOR VEHICLE, HAS RODS ARRANGED RELATIVE TO EACH OTHER, SUCH THAT ELECTRODE-ARRANGEMENT ARRANGED BETWEEN BIPOLAR PLATES IS CORRUGATED IN MOUNTED CONDITION
US2010009227	WO2006EP04165 20060504	DAIMLER CHRYSLER AG [DE]	H01M8/04	MONITORING APPARATUS FOR A FUEL CELL STACK
DE102009007705	DE200910007705 20090205	DAIMLER CHRYSLER AG [DE]	H01M8/04	VERFAHREN ZUM BETREIBEN EINES BRENNSTOFFZELLENSYSTEMS UND BRENNSTOFFZELLENSYSTEM
DE102009006129	DE200910006129 20090126	DAIMLER CHRYSLER AG [DE]	H01M8/04; H01M8/02	FUEL CELL FOR VEHICLE, HAS ANODE SUBJECTABLE WITH FUEL AND CATHODE SUBJECTABLE TO OXIDATION AGENT, WHERE FUEL CELL IS SUBJECTABLE WITH FORCED VIBRATION BY ULTRASONIC EXCITATOR OPERABLE IN SPECIFIC FREQUENCY RANGE
DE102009006128	DE200910006128 20090126	DAIMLER CHRYSLER AG [DE]	H01M8/04; H01M8/02	BRENNSTOFFZELLE, BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM BETREIBEN EINER BRENNSTOFFZELLE
DE102009006127	DE200910006127 20090126	DAIMLER CHRYSLER AG [DE]	H01M8/04	BEFEUCHTUNGSEINRICHTUNG, VERFAHREN ZUM BETREIBEN EINER BEFEUCHTUNGSEINRICHTUNG UND BRENNSTOFFZELLENSYSTEM
CN101652890	WO2007EP01102 20070209	DAIMLER CHRYSLER AG [DE]	H01M8/04	SUPPLY SYSTEM AND WARNING DEVICE FOR A FUEL CELL STACK, AND METHOD FOR CONTROLLING THE SUPPLY SYSTEM
EP2176911	WO2008EP04224 20080528; DE200710037096 20070807	DAIMLER CHRYSLER AG [DE]	H01M8/04	METHOD AND DEVICE FOR OPERATING A FUEL CELL SYSTEM HAVING A RECIRCULATION BLOWER DISPOSED IN A FUEL CIRCUIT OF THE FUEL CELL SYSTEM
DE102008050987	DE200810050987	DAIMLER CHRYSLER AG [DE]	H01M8/04	FUEL CELL SYSTEM FOR USE IN VEHICLE, HAS HOUSING

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	20081009			WHOSE INTERNAL SPACE SURROUNDING FUEL CELL STACK IS LOADED WITH COOLING AGENT, WHERE EXTERNAL WALL OF FUEL CELL STACK IS PARTIALLY AND DIRECTLY FLUSHED BY COOLING AGENT
US2010086818	DE200710003240 20070122; WO2008EP00063 20080108	DAIMLER CHRYSLER AG [DE]	H01M8/04	RECOOLING AND HUMIDIFICATION DEVICE FOR USE IN FUEL CELLS
DE102008049689	DE200810049689 20080930	DAIMLER CHRYSLER AG [DE]	H01M8/04; F04D29/42	LUFTVERSORGUNGSEINRICHTUNG FÜR EINEN BRENNSTOFFZELLENSTAPEL, BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM BETREIBEN EINER LUFTVERSORGUNGSEINRICHTUNG
DE102008048894	DE200810048894 20080925	DAIMLER CHRYSLER AG [DE]	H01M8/04	FUEL CELL SYSTEM FOR SUPPLYING POWER FOR DRIVE OF MOTOR VEHICLE, HAS CONNECTING LINE PROVIDED AT EXHAUST GAS LINE THROUGH WHICH AIR COMPRESSED BY COMPRESSOR IS SUPPLIED TO MIX WITH EXHAUST GAS
DE102008058072	DE200810058072 20081119	DAIMLER CHRYSLER AG [DE]	H01M8/04	VERSORGUNGSANORDNUNG ZUR ANKOPPLUNG AN EINE BRENNSTOFFZELLENVORRICHTUNG SOWIE BRENNSTOFFZELLENSYSTEM MIT DER VERSORGUNGSANORDNUNG
EP2181474	WO2008EP03240 20080423; DE200710024161 20070524	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE FOR FUEL CELLS
DE102008056421	DE200810056421 20081107	DAIMLER CHRYSLER AG [DE]	H01M8/02; C04B35/577	SEPARATOR PLATE FOR A FUEL CELL, COMPRISES AN ELECTROLYTE MEMBRANE, WHICH IS FORMED BY THE FORMATION OF A MATERIAL BASED ON CARBONATED CARBON-CONTAINING MATERIAL REINFORCED WITH CARBON FIBERS, A STRUCTURE, AND CHANNELS
DE102008053800	DE200810053800 20081029	DAIMLER CHRYSLER AG [DE]	H01M8/04	EXHAUST TRACT FOR PROTON EXCHANGE MEMBRANE-FUEL CELL SYSTEM IN VEHICLE, HAS COLLECTOR FOR COLLECTING WATER THAT IS CONVEYED BASED ON

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				PRESSURE IN PIPE PORTION AND COLLECTOR, WHERE PRESSURE IS BASED ON OPERATING CONDITION OF FUEL CELL SYSTEM
WO2010046028	DE200810053151 20081024	DAIMLER CHRYSLER AG [DE]; BADER MICHAEL [DE]; FANDEL STEFAN [DE]	H01M8/04	HUMIDIFYING DEVICE AND METHOD FOR HUMIDIFYING AN OXIDANT FLOW FEEDING INTO A FUEL CELL STACK, AND FUEL CELL SYSTEM
WO2010054744	DE200810056900 20081112	DAIMLER CHRYSLER AG [DE]; BLANK FELIX [DE]; SCHUDY MARKUS [DE]; KLEEMANN JOERG [DE]	H01M8/02	BIPOLAR PLATE FOR A FUEL CELL ARRANGEMENT, PARTICULARLY FOR DISPOSING BETWEEN TWO ADJACENT MEMBRANE ELECTRODE ARRANGEMENTS IN A FUEL CELL STACK
WO2010028664	WO2008EP07396 20080910	DAIMLER CHRYSLER AG [DE]; DIEDRICH THOMAS [DE]; HEUMOS MARTIN [DE]; HINSENKAMP GERT [DE]; MANGOLD PATRICK [DE]	H01M8/04; H01M8/02; H01M8/24	FUEL CELL ARRANGEMENT
WO2010063442	DE200810060533 20081204	DAIMLER CHRYSLER AG [DE]; FANDEL STEFAN [DE]; HEUMOS MARTIN [DE]; MANGOLD PATRICK [DE]; SOMMER MARC [DE]; WEGER WOLFGANG [DE]; YU DEUN [DE]	H01M8/04; B60L11/18; F28B9/00; H01M8/00; H01M8/10	LIQUID SEPARATOR FOR A FUEL CELL SYSTEM
WO2010012392	DE200810035897 20080731	DAIMLER CHRYSLER AG [DE]; FANDEL STEFAN [DE]; HEUMOS MARTIN [DE]; MANGOLD PATRICK [DE]; WEGER WOLFGANG [DE]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
DE102008045170	DE200810045170 20080830	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	ELECTRICAL ENERGY GENERATING DEVICE FOR PROPULSION OF E.G. FUEL CELL VEHICLE, HAS HEAT EXCHANGER FOR COOLING ELECTRICAL AND/OR ELECTRONIC POWER COMPONENT, ELECTRICAL DRIVE UNIT AND FUEL RECIRCULATION BLOWER OF FUEL CELL SYSTEM

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DE112007003340	WO2007EP01920 20070306	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; H01M8/10	VORRICHTUNG ZUR ERMITTLUNG BETRIEBSZUSTANDSBEZOGENER GRÖSSEN IN EINEM BRENNSTOFFZELLENSYSTEM
DE102008034674	DE200810034674 20080725	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	FUEL CELL DEVICE OPERATING METHOD FOR MOTOR VEHICLE, INVOLVES ADJUSTING PRESSURE IN CATHODE AREA BASED ON SIGNAL OF FLOW SENSOR AND INDEPENDENT OF SIGNAL OF CATHODE PRESSURE SENSOR AND/OR DIFFERENTIAL PRESSURE SENSOR DURING COLD-START PHASE
US2010035100	WO2006EP10450 20061031	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/00; H01M2/02	METHOD AND APPARATUS FOR SUPPLYING INPUT GASES TO A FUEL CELL STACK
EP2168193	WO2008EP04226 20080528; DE200710033203 20070717	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	ANODE RECYCLE UNIT WITH PUMP AND SEPARATOR, AND A FUEL CELL SYSTEM
EP2158634	WO2008EP03892 20080515; DE200710028298 20070620	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/06; H01M8/04	ENCLOSED SEPARATION UNIT FOR INCORPORATION INTO A GAS SUPPLY MEANS OF A FUEL CELL SYSTEM
DE112007003337	WO2007EP02581 20070323	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	G01N33/00; H01M8/04	GASVERSORGUNGSANORDNUNG MIT EINEM SENSOR ZUR ERFASSUNG EINER MESSGRÖSSE EINES PROZESSGASES
EP2179468	WO2008EP05137 20080625; DE200710039236 20070820	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR OPERATION OF A FUEL CELL SYSTEM
US2010092822	DE200710006963 20070213; WO2008EP00801 20080201	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	FUEL CELL SYSTEM FOR A VEHICLE
EP2171787	WO2008EP04931 20080619;	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH	H01M8/04	APPARATUS FOR RECIRCULATION OF A CATHODE GAS IN A FUEL CELL ARRANGEMENT, METHOD FOR

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	DE200710035056 20070726	LLC [US]		SHUTTING DOWN A FUEL CELL APPARATUS WITH THE FUEL CELL ARRANGEMENT
DE102008057117	DE200810057117 20081113	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR DETERMINING VOLUME FLOW OF HYDROGEN IN LINE OF POLYMER ELECTROLYTE MEMBRANE-FUEL CELL SYSTEM IN VEHICLE, INVOLVES CALCULATING VOLUME FLOW BASED ON KNOWN VOLUME BETWEEN POINT AND SENSORS AND DURATION OF CONCENTRATION CHANGE
DE102008058960	DE200810058960 20081125	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	APPARATUS FOR SUPPLYING FUEL E.G. HYDROGEN TO FUEL CELL IN FUEL CELL SYSTEM USED IN FARM VEHICLE, SUPPLIES FUEL TO INTEGRATED COMPONENT PORTION COMPRISING FUEL MIXING REGION, WATER PRECIPITATOR, HEATING DEVICES AND SENSORS
DE102008058959	DE200810058959 20081125	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	VERFAHREN ZUM BETREIBEN EINES BRENNSTOFFZELLENSYSTEMS
DE102008058958	DE200810058958 20081125	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	F16L23/02; F16L27/00; H01M8/00	TUBES CONNECTION ARRANGEMENT FOR USE IN FUEL CELL SYSTEM OF DRIVE DEVICE OF VEHICLE, HAS TUBES ROTATABLE RELATIVE TO EACH OTHER AROUND TUBE MIDDLE AXIS WHEN FLANGES OF TUBES ARE CONNECTED WITH EACH OTHER
DE102008056064	DE200810056064 20081105	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; B60H1/00; B60H1/32	ENERGY DEVICE FOR GENERATING ELECTRIC POWER FITS ON A VEHICLE'S ROOF LIKE THE ROOF OF A OMNIBUS WITH A FUEL-CELL SYSTEM HAVING AN AIR-SUPPLY/PNEUMATIC-SYSTEM DEVICE AND A FUEL CELL
DE102008056063	DE200810056063 20081105	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; G01L19/06	SENSOR E.G. PRESSURE SENSOR, ACCOMMODATION DEVICE FOR PROTON EXCHANGE MEMBRANE FUEL CELL SYSTEM IN MOTOR VEHICLE, HAS COOLANT PIPELINE WITH PARTIAL SECTION ARRANGED IN FLOW DIRECTION OF COOLANT TOWARDS FUEL STACK AND IN FRONT OF EXCHANGER
EP2201634	WO2008EP06035 20080723;	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH	H01M8/04; B60L11/18	METHOD AND CONTROL UNIT FOR AUTOMATIC SELECTION OF AN OPERATING MODE FOR A VEHICLE

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	DE200710044760 20070919	LLC [US]		WITH FUEL CELLS
US2010143810	DE200610051674 20061102; WO2007EP07810 20070907	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING THE SAME
WO2010022950	DE200810045170 20080830; DE200810058960 20081125	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; BAUR THOMAS [DE]; GERHARDT STEFAN [DE]; HARR OLIVER [DE]; JESSE MATTHIAS [DE]; MAIER ANDREAS [DE]; MAZZOTTA COSIMO [DE]; PADGETT PATRICK L [US]; SCHABEL HANS-JOERG [DE]; SCHERRBACHER KLAUS [DE]; WINKELE	H01M8/04; H01M8/06	APPARATUS FOR SUPPLYING A FUEL CELL IN A FUEL CELL SYSTEM WITH FUEL GAS
WO2010009811	DE200810034406 20080723	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; FREUDENBERG CARL KG [DE]; ALTMUELLER BERND [DE]; EHRENTAUT HARALD [DE]; EPING UDO [DE]; HOLLNAICHER SIMON [DE]; WISSHAK PETER [DE]	H01M8/04; B01D53/22	HUMIDIFIER DEVICE FOR HUMIDIFYING A FLUID IN A FUEL CELL SYSTEM
WO2010009810	DE200810034407 20080723	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; FREUDENBERG CARL KG [DE]; ALTMUELLER BERND [DE]; EHRENTAUT HARALD [DE]; EPING UDO [DE]; HOLLNAICHER SIMON	H01M8/04	HUMIDIFIER MODULE FOR A FUEL CELL SYSTEM

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		[DE]; WISSHAK PETER [DE]		
WO2010040513	DE200810050846 20081008	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; HORNBERG GERALD [DE]; HOLLNAICHER SIMON [DE]; HEIDRICH HANS-JOERG [DE]	H01M8/04	FUEL CELL UNIT HAVING AT LEAST ONE FUEL CELL AND METHOD FOR OPERATING A FUEL CELL UNIT
WO2010054769	DE200810057118 20081113	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; MAZZOTTA COSIMO [DE]; WENGER DAVID [DE]	H01M8/04	FUEL CELL SYSTEM FOR A VEHICLE
WO2010020332	DE200810039407 20080822	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECHNOLOGIE LLC [US]; ESSLING ROLF-PETER [DE]; KNOOP ANDREAS [DE]; STRAUHS JOERG [DE]; TUEXEN THORSTEN [DE]; WALTER MARKUS [DE]; WEIGELE KLAUS [DE]; WIESHEU NORBERT [DE]	H01M8/04	METHOD FOR OPERATING A FUEL CELL SYSTEM HAVING A FUEL CELL AND AN ELECTRICALLY DRIVEN TURBOCHARGER
US2010062289	US20070514979 20071113; US20060865708P 20061114; WO2007US84563 20071113	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]	H01M8/00; H01M2/00	APPARATUS AND METHOD FOR MANAGING FLUIDS IN A FUEL CELL STACK
EP2179469	WO2008EP06147 20080725; US20070839449 20070815	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]	H01M8/04; H01M8/10	METHODS OF OPERATING FUEL CELL SYSTEMS HAVING A HUMIDIFICATION DEVICE
WO2010003439	WO2008EP05669 20080711	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US];	H01M8/02	ELECTROCHEMICAL FUEL CELL STACK HAVING STAGGERED FUEL AND OXIDANT PLENUMS

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		FARRINGTON SIMON [CA]; GLANDT JEFFREY D [CA]		
WO2010063361	DE200810060534 20081204	DAIMLER CHRYSLER AG [DE]; HEUMOS MARTIN [DE]; MANGOLD PATTRICK [DE]; WEGER WOLFGANG [DE]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
WO2010006730	DE200810033211 20080715	DAIMLER CHRYSLER AG [DE]; KLEEMANN JOERG [DE]; SCHUDY MARKUS [DE]; BLANK FELIX [DE]; FINSTERWALDER FLORIAN [DE]	H01M8/02	BIPOLAR PLATE FOR A FUEL CELL ARRANGEMENT, IN PARTICULAR FOR PLACEMENT BETWEEN TWO ADJACENT MEMBRANE ELECTRODE ARRANGEMENTS
WO2010022836	DE200810019466 20080827	DAIMLER CHRYSLER AG [DE]; MAUS STEFFEN [DE]; WUECHNER ERWIN [DE]	H01M8/04; B60K15/03; F17C7/00; F17C13/02	METHOD AND DEVICE FOR OPERATING A GAS TANK IN A VEHICLE
WO2010022828	DE200810044878 20080829	DAIMLER CHRYSLER AG [DE]; STUTE MANFRED [DE]; SUMSER SIEGFRIED [DE]	H01M8/04	AIR SUPPLY UNIT FOR A FUEL CELL
WO2010022827	DE200810044876 20080829	DAIMLER CHRYSLER AG [DE]; STUTE MANFRED [DE]; SUMSER SIEGFRIED [DE]	H01M8/04	AIR SUPPLY UNIT FOR A FUEL CELL
WO2010025752	WO2008EP07265 20080905	DAIMLER CHRYSLER AG [DE]; WALTER MARKUS [DE]	H01M8/04	METHOD FOR OPERATING A SYSTEM MADE OF AT LEAST ONE ELECTRICAL LOAD AND A FUEL CELL ARRANGEMENT
US2010015497	JP20050180528 20050621; WO2006JP312182 20060616	DAINIPPON INK & CHEMICALS [JP]	H01M8/02; B05D5/12	SEPARATOR FOR FUEL CELL, METHOD FOR PRODUCING THE SAME, AND FUEL CELL
JP2010010140	JP20090204406 20090904	DAINIPPON PRINTING CO LTD [JP]	H01M4/86	GAS DIFFUSION ELECTRODE AND FUEL CELL
JP2010021023	JP20080180564 20080710	DAINIPPON PRINTING CO LTD [JP]	H01M4/88; H01M8/02;	CATALYST LAYER TRANSFER SHEET, METHOD OF MANUFACTURING CATALYST LAYER-ELECTROLYTE FILM

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			H01M8/10	LAMINATE USING SAME, METHOD OF MANUFACTURING ELECTRODE-ELECTROLYTE FILM LAMINATE, AND METHOD OF MANUFACTURING SOLID POLYMER FUEL CELL
JP2010021022	JP20080180559 20080710	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M8/02; H01M8/04; H01M8/10	SOLID ALKALINE FUEL CELL AND OPERATION METHOD THEREOF
JP2010009934	JP20080167772 20080626	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M4/88; H01M8/02; H01M8/10	ELECTRODE FOR FUEL CELL, MANUFACTURING METHOD OF ELECTRODE FOR FUEL CELL, ELECTRODE ELECTROLYTE MEMBRANE LAMINATE, CELL OF FUEL CELL, AND FUEL CELL
JP2010009933	JP20080167770 20080626	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M4/88; H01M8/02; H01M8/10	ELECTRODE FOR FUEL CELL, MANUFACTURING METHOD OF ELECTRODE FOR FUEL CELL, ELECTRODE ELECTROLYTE MEMBRANE LAMINATE, CELL OF FUEL CELL, AND FUEL CELL
JP2010009810	JP20080165398 20080625	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; C23C28/00	METHOD OF MANUFACTURING FUEL CELL SEPARATOR
EP2190049	EP20020793401 20021226; JP20010399862 20011228; JP20010399963 20011228	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	POLYMER ELECTROLYTE FUEL CELL AND SEPARATOR FOR POLYMER ELECTROLYTE FUEL CELL
CN101667646	CN20081013077 20080903	DALIAN CHEMICAL PHYSICS INST; BOLONG DALIAN INDUSTRY INVEST	H01M8/02	ELECTRODE FRAME STRUCTURE FOR REDOX FLOW CELL
CN101673826	CN20091187600 20090923	DALIAN JIAOTONG UNIVERSITY	H01M4/88; H01M8/02	METHOD FOR TREATING STAINLESS STEEL BIPOLAR PLATE CORROSION RESISTANT SURFACE OF FUEL CELL
EP2174376	WO2008DK00115 20080319; DE200710014141 20070323	DANTHERM POWER AS [DK]	H01M8/04; H01M8/02	SYSTEM AND METHOD FOR RECYCLING HEAT

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WO2010022732	DK20080001162 20080825	DANTHERM POWER AS [DK]; REFSHAUGE RASMUS HOEYRUP [DK]	H01M8/06; H01M8/02; H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING SUCH FUEL CELL SYSTEM
US2010047629	WO2006US48195 20061216	DARLING ROBERT M [US]	H01M8/04; H01M8/10	PEM FUEL CELL SYSTEM WITH A POROUS HYDROPHOBIC GAS VENTING MEMBER WITH GAS FLOW BLOCKAGE PREVENTION
US2010068568	WO2006US49636 20061229	DARLING ROBERT M [US]	H01M8/00; H01M8/04	GAS PURGE CONTROL FOR COOLANT IN A FUEL CELL
US2010068590	WO2006US62694 20061229	DARLING ROBERT M [US]	H01M8/10	HYDROPHILIC LAYER FOR USE IN A FUEL CELL
US2010158983	US20070162667 20070207; US20060765918P 20060207; WO2007US03138 20070207	DAVIS THOMAS A [US]; RAST WALKER M [US]	C08J5/20; A61F2/16; A61F13/02; B32B5/22; C25B13/00; H01M8/10	METHOD FOR INCREASING THE PERMEABILITY OF POLYMER FILM
RU2380792	RU20080150162 20081219	DAVYDOV ANDREJ ANATOL EVICH [RU]; MOROZOV ALEKSANDR VASIL EVICH [RU]; NIKOLAEV NIKOLAJ SERGEEVICH [RU]; PARKHUTA MIKHAIL ANATOL EVICH [RU]; SAPELKIN VALERIJ SERGEEVICH [RU]; FEDOROV EVGENIJ NIKOLAEVICH [RU]; FROLOV VENIAMIN PETROVICH [RU]	H01M8/10; H01M14/00	METHOD FOR GENERATION OF ELECTRIC ENERGY BASED ON SEMICONDUCTING ELECTRONIC CATALYTIC ELEMENT
WO2010042895	US20080104614P 20081010	DEEYA ENERGY TECHNOLOGIES INC [US]; SAHU SAROJ KUMAR [US]	H01M8/04	THERMAL CONTROL OF A FLOW CELL BATTERY
EP2154106	US20080228613 20080814	DELPHI TECH INC [US]	C01B3/38; H01M8/06	FUEL CELL HYDROCARBON REFORMER HAVING RAPID TRANSIENT RESPONSE AND CONVECTIVE COOLING
EP2166601	US20080284499	DELPHI TECH INC [US]	H01M4/86;	LOW-TEMPERATURE BONDING OF REFRACTORY

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	20080923		H01M4/88; H01M4/90; H01M8/12	CERAMIC LAYERS
AT459991T	US20050133512 20050520	DELPHI TECH INC [US]	H01M8/06; H01M8/04; H01M8/12	ANODENABGASRECYCLINGW?RMETAUSCHER F?R EINE SOFC ANLAGE
US2010143760	US20090433920 20090501	DEROSE ANTHONY J [US]; MACZYNSKI STEFAN M [US]; FLEMING CAROLYN D [US]; MUKERJEE SUBHASISH [US]; KERR RICK D [US]; HALTINER JR KARL J [US]; KELLER JOSEPH [US]	H01M8/10	INHIBITOR FOR PREVENTION OF BRAZE MIGRATION IN SOLID OXIDE FUEL CELLS
AT463054T	DE200610012907 20060310	DEUTCHES ZENTRUM FUER LUFT UND [DE]	H01M8/02; H01M8/00; H01M8/10	ELEKTRODEN-MEMBRAN EINHEIT UND BRENNSTOFFZELLE
DE102008034190	DE200810034190 20080716	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/24; H01M8/02	FUEL CELL SYSTEM ASSEMBLY, HAS FUEL CELL MODULES THAT ARE ELECTRICALLY CONNECTED IN ROW OR PARALLEL TO EACH OTHER FOR ADJUSTING POWER OF FUEL CELL SYSTEM, WHERE EACH FUEL CELL MODULE IS DESIGNED AS INDEPENDENTLY MANAGEABLE UNIT
DK1381101T	DE20021032129 20020711	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/02; H01M8/24	FLUIDUMFORDELINGSINDRETNING OG FREMGANGSMØDE TIL FREMSTILLING AF EN SÖDAN INDRETNING
AT456868T	DE200410047587 20040923	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M4/86; B05D3/12; B05D5/00; C25B9/10; H01M4/88; H01M8/10	VEFAHREN ZUR HERSTELLUNG EINES ELEKTROLYTISCHEN KATALYSATORTR?GERS, ELEKTROLYTISCHER KATALYSATORTR?GER UND ELEKTROCHEMISCHE ELEKTRODE
EP2149171	WO2008EP55614 20080507;	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/02	CARRIER DEVICE FOR AN ELECTROCHEMICAL FUNCTIONAL DEVICE, FUEL CELL MODULE AND METHOD

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	DE200710024225 20070511			FOR THE PRODUCTION OF A CARRIER DEVICE
EP2197068	DE200810063507 20081211	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/06; B60K6/32; H01M8/00	METHOD AND DEVICE FOR THE PRODUCTION OF MECHANICAL AND ELECTRICAL ENERGY
EP2145358	WO2008US63234 20080509; US20070917262P 20070510; US20080117622 20080508	DEVOE ALAN [US]; DEVOE LAMBERT [US]	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL CELL DEVICE AND SYSTEM
US2010104910	US20090607384 20091028; US20080109107P 20081028	DEVOE ALAN [US]; DEVOE LAMBERT [US]	H01M8/04	FUEL CELL DEVICE AND SYSTEM
US7737255	WO1999US19655 19990901; US19980098880P 19980902; US20010763978 20010425	DIADEXUS INC [US]	C07K16/00; G01N33/53; A61K39/395; A61K49/00; A61K51/00; A61P35/00; A61P35/04; C07K16/30; C07K16/32; C12N15/09; C12Q1/68; G01N33/574; H01M4/86; H01M8/02; H01M8/10; H01M8/24	METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING VARIOUS CANCERS
WO2010020862	US20080197211 20080822	DIAXIOM TECHNOLOGIES INC [CA]; SAVAGE THOMAS	C25B5/00; C01B3/04;	DEVICES AND METHODS FOR GENERATING HYDROGEN, OXYGEN AND ELECTRICITY FROM SULPHURIC ACID

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		[CA]	C01B3/50; C01B13/02; C25B1/04; H01M8/00	
DE102009005270	DE200810053745 20081029; DE200910005270 20090120	DIEHL AEROSPACE GMBH [DE]	H02J4/00; H01M8/00; H02J1/10	ELEKTRISCHES ENERGIEVERSORGUNGSSYSTEM, INSBESONDERE IN EINEM LUFTFAHRZEUG
US2010015474	US20080175536 20080718	DINAN REBECCA [US]; RAMANI MANIKANDAN [US]	H01M8/00	ADAPTIVE TECHNIQUE AND APPARATUS TO DETECT AN UNHEALTHY CONDITION OF A FUEL CELL SYSTEM
EP2156499	WO2008EP56020 20080516; DE200710026233 20070531	DLR EV [DE]	H01M8/12; C23C4/06; C23C4/10; C23C4/12	METHOD FOR PRODUCING A GAS-TIGHT SOLID ELECTROLYTE LAYER AND SOLID ELECTROLYTE LAYER
AT464939T	US20000660127 20000912; WO2001US28619 20010912	DONALDSON CO INC [US]	B01D46/00; H01M8/10; B01D53/74; H01M8/04; H01M8/06	LUFTFILTERGER?T F?R BRENNSTOFFZELLE
KR20100046887	KR20080105921 20081028	DONGJIN SEMICHEM CO LTD [KR]	H01M4/88; H01M4/86; H01M8/02; H01M8/04	METHOD FOR PREPARING ELECTRODE FOR FUEL CELL, ELECTRODE AND FUEL CELL PREPARED USING THE SAME
KR20100068028	KR20080126681 20081212	DONGJIN SEMICHEM CO LTD [KR]	H01M4/86; H01M4/88; H01M8/04; H01M8/10	CATALYST LAYER FOR FUEL CELL AND METHOD FOR PREPARING THE SAME
KR20100011146	KR20080072234 20080724	DOOSAN HEAVY IND & CONSTR [KR]	H01M4/90; H01M4/88; H01M8/14	A HIGHLY KOH RESISTANT NI-MG-AL REFORMING CATALYST FOR DIRECT INTERNAL REFORMING OF MOLTEN CARBONATE FUEL CELL AND A METHOD FOR PRODUCING THE SAME
WO2010050752	KR20080106712 20081029	DOOSAN HEAVY IND & CONSTR [KR]; SHIN MI	H01M8/14	REINFORCED MATRIX IMPREGNATED WITH ELECTROLYTES FOR MOLTEN CARBONATE FUEL CELL

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		YOUNG [KR]; RYU BO HYUN [KR]; MOON HWAN [KR]; YOUN JU YOUNG [KR]; JUN CHANG SUNG [KR]; LEE TAE WON [KR]; MOON KIL HO [KR]		AND FABRICATION METHOD THEREOF
EP2181760	EP20080019273 20081104	DUERR BALCKE GMBH [DE]	B01J8/02; B01J19/00; C01B3/32; H01M8/04	REFORMING MODULE TO GENERATE A PROCESS GAS THAT IS RICH IN HYDROGEN AND METHOD OF OPERATING A REFORMING MODULE
US2010055529	WO2007US07045 20070321	DUFNER BRYAN F [US]	C09D11/00; B05D3/02; H01M8/10	WETTABILITY INK, PROCESS AND CARBON COMPOSITE ARTICLES MADE THEREWITH
AT464667T	EP20040102356 20040527; WO2005IB51706 20050525	DUTCH POLYMER INST [NL]	H01M8/10; C08J5/22; H01B1/12; H01G9/02; H01G9/028; H01G9/20; H01M6/18; H01M8/02; H01M10/0565	POLYMERELEKTROLYT, UND ELEKTROCHEMISCHE EINRICHTUNG DIE MIT SOLCH EINEM POLYMERELEKTROLYT AUSGESTATTET IST
KR20100013306	KR20080039757 20080429	E M W ENERGY CO LTD [KR]	H01M8/04; H01M8/10	INORGANIC CONDUCTIVE MEMBRANE, FUEL CELL CONTAINING THE SAME, AND METHOD FOR MANUFACTURING THEREOF
WO2010001227	US20080133555P 20080630	EATON CORP [US]; HU HAORAN [US]	F02D41/40; F02G5/00; H01M8/06	SYSTEM AND METHOD OF OPERATING INTERNAL COMBUSTION ENGINES AT FUEL RICH LOW-TEMPERATURE COMBUSTION MODE AS AN ON-BOARD REFORMER FOR SOLID OXIDE FUEL CELL-POWERED VEHICLES
DE102008035630	DE200810035630 20080731	EBERSPAECHER J GMBH & CO [DE]	H01M8/02; H01M8/06	FUEL CELL MODULE MANUFACTURING METHOD FOR USE IN VEHICLE, INVOLVES IMPLEMENTING TIGHTNESS TEST OF FUELS CELL PROVIDED IN STRUCTURE OR FUEL CELL ELEMENTS AFTER ATTACHING EACH FUEL

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				CELL ELEMENT AT PERIPHERY
US2010092831	DE200810051742 20081015	EBERSPAECHER J GMBH & CO [DE]	H01M8/10	FUEL CELL AND FUEL CELL SYSTEM
DE102009017597	DE200810051178 20081014; DE200910017597 20090416	EBERSPAECHER J GMBH & CO [DE]	H01M8/04; H01M8/06	BRENNSTOFFZELLENMODUL
DE102008051181	DE200810051181 20081014	EBERSPAECHER J GMBH & CO [DE]	H01M8/24	BRENNSTOFFZELLENSYSTEM
AT470247T	DE200710019359 20070423	EBERSPAECHER J GMBH & CO [DE]	H01M8/04; H01M8/06	BRENNSTOFFZELLENSYSTEM UND ZUGEHÖRIGES STARTVERFAHREN
CN101636871	WO2006NL00580 20061120	EECT B V	H01M8/04	SYSTEM HAVING HIGH-TEMPERATURE FUEL CELLS
US2010003577	JP20080175259 20080704; JP20080175260 20080704	EGUCHI TOHRU [JP]; HIROTA KAZUYUKI [JP]	H01M8/04	FUEL GAS SUPPLYING APPARATUS FOR FUEL CELL SYSTEM
RU2378744	DE200610015118 20060331	EHNERDEJ GMBKH [DE]; SHTAKSERA GMBKH [DE]	H01M8/12; H01M8/24	STACK OF HIGH-TEMPERATURE FUEL CELLS
US2010095589	DE200710017787 20070416; WO2008DE00625 20080414	EICHSTAEDT JOHANNES [DE]	C01B3/36; B01J7/00; H01M8/06	REFORMER HAVING A CATALYTIC DEVICE AND A HEAT EXCHANGER AND METHOD FOR OPERATING A REFORMER
US2010043892	US20080194487 20080819	EICKHOFF STEVEN J [US]	F16K31/128; H01M8/04	VALVE FOR FUEL CELL BASED POWER GENERATOR
EP2160785	WO2007EE00010 20070531	ELCOGEN AS [EE]	H01M8/12	METHOD FOR THE PREPARATION OF A SOLID OXIDE FUEL CELL SINGLE CELL AND THE NAMED CELL
US2010009234	DE200710009630 20070226; WO2008EP01374 20080221	ELCOMAX GMBH [DE]	H01M8/10; B01J37/34; H01B1/00	METHOD FOR GENERATING A CATALYST LAYER
AT453224T	DE200410028141 20040610;	ELCOMAX MEMBRANES GMBH [DE]	H01M8/24; H01M8/02;	MEMBRAN-ELEKTRODEN-MODUL (MEA) FÜR EINE BRENNSTOFFZELLE

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	WO2005EP06025 20050604		H01M8/10	
CN101675552	WO2008EP01803 20080306; DE200710011424 20070308	ELCOMAX MEMBRANES GMBH [DE]; LANXESS DEUTSCHLAND GMBH; RHEIN CHEMIE RHEINAU GMBH	H01M8/10	POLYMER ELECTROLYTE MEMBRANE WITH FUNCTIONALIZED NANOPARTICLES
WO2010047125	JP20080273095 20081023	ELECTRIC POWER DEV CO [JP]; OGAWA NAOYA [JP]	H01M4/86; H01M4/88	MATERIAL FOR USE IN FORMATION OF ELECTRODE LAYER FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, FUEL CELL, PROCESS FOR PRODUCING MATERIAL FOR USE IN FORMATION OF ELECTRODE LAYER FOR FUEL CELL, AND PROCESS FOR PRODUCING ELECTRODE LAYER FOR
ES2338011T	FR20030050807 20031107	ELECTRICITE DE FRANCE [FR]	H01M4/86; H01M4/88; H01M8/12	ANODO DE PILA DE OXIDO SOLIDO A BASE DE UN MATERIAL CERMET ESPECIFICO Y PILA DE OXIDO SOLIDO QUE LO CONTIENE.
US2010015495	FR20060008914 20061011; WO2007FR52085 20071005	ELECTRICITE DE FRANCE [FR]; CT NAIONAL DE LA RECH [FR]	H01M8/10	ELECTROCHEMICAL DEVICE COMPRISING A PROTON- CONDUCTING CERAMIC ELECTROLYTE
DE102008032498	DE200810032498 20080705	ELRINGKLINGER AG [DE]	C23C18/31; H01M8/02	CHROMIUM-CONTAINING METAL SUBSTRATES, ESPECIALLY FOR USE IN HIGH TEMPERATURE FUEL CELLS, HAVE CHROMIUM-FREE ELECTROLESS COATING CONTAINING ONE OR MORE TRANSITION METALS (EXCLUDING CHROMIUM) OR NOBLE METALS
DE102008036320	DE200810036320 20080729	ELRINGKLINGER AG [DE]	H01M10/14; H01M8/02	PRODUCING BIPOLAR PLATE FOR BIPOLAR BATTERY, BY PRODUCING THERMOPLASTIC COMPOUND HAVING THERMOPLASTIC- AND ELECTRICALLY CONDUCTING FILLER MATERIAL, PRODUCING FILM FROM THERMOPLASTIC COMPOUND, AND LAMINATING FILM WITH METALLIFEROUS LAYER
DE102008036319	DE200810036319 20080729	ELRINGKLINGER AG [DE]	H01M10/14; H01M8/02	VERFAHREN ZUR HERSTELLUNG EINER BIPOLARPLATTE UND BIPOLARPLATTE FÜR EINE BIPOLARE BATTERIE

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DE102008036318	DE200810036318 20080729	ELRINGKLINGER AG [DE]	H01M10/14; H01M8/02	VERFAHREN ZUR HERSTELLUNG EINER BIPOLARZELLE UND BIPOLARZELLE FÜR EINE BIPOLARE BATTERIE
AT452430T	DE20011040620 20010818	ELRINGKLINGER AG [DE]	H01M4/74; H01M4/72; H01M8/02; H01M8/12	VERFAHREN ZUM HERSTELLEN EINES SUBSTRATS FÜR EINE ELEKTRODE EINER BRENNSTOFFZELLENEINHEIT UND NACH DEM VERFAHREN HERGESTELLTES SUBSTRAT
US2010035101	DE200810036847 20080807	ELRINGKLINGER AG [DE]	H01M8/00; H01M2/02	FUEL CELL UNIT AND METHOD FOR PRODUCING AN ELECTRICALLY CONDUCTIVE CONNECTION BETWEEN
DE102008036849	DE200810036849 20080807	ELRINGKLINGER AG [DE]	H01M8/02	BIPOLAR PLATE ARRANGEMENT FOR FUEL CELL UNIT I.E. LOW-TEMPERATURE FUEL CELL UNIT, HAS BASE, ANODE-SIDE COATING AND CATHODE-SIDE COATING, WHERE COMPOSITION OF CATHODE-SIDE COATING IS DIFFERENT FROM THAT OF ANODE-SIDE COATING
DE102008036848	DE200810036848 20080807	ELRINGKLINGER AG [DE]	H01M8/02	METHOD FOR PRODUCING ELECTRICALLY CONDUCTIVE CONNECTION BETWEEN ELECTRODE AND BIPOLAR PLATE OF FUEL CELL UNIT, INVOLVES INTEGRALLY CONNECTING ELECTRODE WITH BIPOLAR PLATE OR ELECTRICALLY CONDUCTIVE INTERMEDIATE ELEMENT
AT464665T	DE20011035334 20010719	ELRINGKLINGER AG [DE]	H01M8/02; H01M8/12; H01M8/24	BRENNSTOFFZELLENEINHEIT UND BRENNSTOFFZELLENBLOCKVERBUND
NL2001796C	NL20082001796 20080714	ENECO NEW ENERGY B V [NL]	H01M8/22; H01M8/04	ENERGY STORAGE AND PRODUCTION SYSTEM AND METHOD USING SALINITY GRADIENT POWER GENERATION.
US2010003562	DE200610053429 20061113; WO2007DE01676 20070917	ENERDAY GMBH [DE]	H01M8/04	FUEL CELL SYSTEM WITH DEVICE FOR CATHODE INLET AIR PREHEATING
CN101657928	DE200710012763 20070316	ENERDAY GMBH [DE]	H01M8/24	HOUSING FOR RECEIVING AT LEAST ONE FUEL CELL STACK
US2010068598	DE200710002286 20070116; WO2008DE00057	ENERDAY GMBH [DE]	H01M2/00; H01M8/04	MEDIA SUPPLY PLATE FOR A FUEL CELL STACK

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	20080114			
US2010062297	DE200610060809 20061221; WO2007DE02007 20071107	ENERDAY GMBH [DE]	H01M8/18; H01M2/00	INSULATING DEVICE AND TENSIONING DEVICE FOR A HIGH TEMPERATURE FUEL CELL SYSTEM COMPONENT
US2010112392	WO2006DE01008 20060612	ENERDAY GMBH [DE]	H01M8/04; H01M8/18	METHOD FOR REGENERATING A REFORMER
EP2168188	WO2008US06400 20080519; US20070938832P 20070518	ENERFUEL INC [US]	H01M8/00; C01B3/02; C01B6/00	HYDROGEN PRODUCTION FROM BOROHYDRIDES AND GLYCEROL
US2010003545	US20090498103 20090706; US20080078691P 20080707; US20080093017P 20080829	ENERVAULT CORP [US]	H01M4/36; H01M8/00	REDOX FLOW BATTERY SYSTEM FOR DISTRIBUTED ENERGY STORAGE
EP2156494	WO2008US06426 20080519; US20070939709P 20070523	ENTEGRIS INC [US]	H01M8/02	ARTICLES COMPRISING WETTABLE STRUCTURED SURFACES
JP2010011733	JP20090178721 20090731	EQUOS RES CO LTD	B60L3/00; B60L11/18; H01M10/48	STATE OUTPUT DEVICE OF POWER SUPPLY
JP2010021096	JP20080182409 20080714	ESPEC CORP	H01M8/04	TEMPERATURE DISTRIBUTION MEASURING DEVICE, FUEL CELL SYSTEM, AND FUEL CELL EVALUATION DEVICE
EP2198473	WO2008US10997 20080923; US20070860156 20070924	EVEREADY BATTERY INC [US]	H01M8/04; H01M12/06; H01M12/08	BATTERY HAVING FLUID MANAGER AND SLIDING VALVE WITH FRICTION REDUCTION MEMBERS
WO2010027422	US20080091497P 20080825	EVEREADY BATTERY INC [US]; HOFFMAN PETER F	H01M8/04; H01M12/06;	BATTERY POWER SUPPLY HAVING A FLUID CONSUMING BATTERY WITH AN IMPROVED FLUID MANAGER

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		[US]; BRANDON MICHAEL J II [US]	H02J7/00	
EP2186063	WO2008AT00298 20080822; AT20070001383 20070905	EVVA SICHERHEITSTECHNOLOGIE GMBH [AT]	G07C9/00; H01M8/10	CLOSING DEVICE WITH A POWER SUPPLY UNIT
WO2010022963	WO2008EP07083 20080829	EWE FORSCHUNGSZENTRUM FUER ENE [DE]; HU JIN [DE]	H01M8/10; C08G75/23; C08J5/22; C08L81/06	PROTON EXCHANGE MEMBRANE FOR USE IN PROTON EXCHANGE MEMBRANE FUEL CELLS
AT465124T	US20030450904P 20030228; US20040756647 20040113; WO2004US04265 20040213	EXXONMOBIL RES & ENG CO [US]	C01B3/38; B01J19/24; C01B3/46; H01M8/04; H01M8/06	DRUCKWECHSELREFORMIERVERFAHREN FÜR BRENNSTOFFZELLENSYSTEME
WO2010066460	DE200810064027 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/06; H01M8/00; H01M8/12; H01M8/24	FUEL CELL SYSTEM WITH REFORMER
WO2010066443	DE200810062617 20081211	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/04; H01M8/12; H01M8/24	HIGH-TEMPERATURE FUEL CELL SYSTEM
WO2010066442	DE200810062616 20081211	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/04	FUEL CELL SYSTEM WITH INCREASED OPERATING SAFETY
WO2010066466	DE200810064029 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/02; H01M8/00; H01M8/04; H01M8/24	FUEL CELL SYSTEM WITH BURNER
WO2010066465	DE200810064030 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/12; H01M4/88; H01M8/02; H01M8/24	SOLID OXIDE FUEL CELL WITH SPECIAL CELL GEOMETRY

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WO2010066464	DE200810064025 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/04; H01M8/06; H01M8/24; H01M16/00	FUEL CELL SYSTEM WITH REOXIDATION BARRIER
WO2010066463	DE200810064032 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/12; H01M8/00; H01M8/02; H01M8/24	FUEL CELL SYSTEM WITH CIRCULAR STACK
WO2010066462	DE200810064024 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/04; F04F5/46; F04F5/54	FUEL CELL SYSTEM WITH A FLEXIBLE VENTURI SYSTEM FOR SELECTIVE, CONTROLLABLE OPERATION
WO2010066461	DE200810064026 20081212	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM WITH SEGMENTED STACK
WO2010019158	US20080088885P 20080814	F3 & I2 LLC [US]; HUNTER JEFFEREY ALLEN [US]	B61D15/00; B61C13/00; F02G1/00; F03D9/00; F03G7/00; H01M8/00; H02J15/00	POWER PACKAGING WITH RAILCARS
RU2382445	RU20090104893 20090212	FEDERAL NOE GUP TSNII SUDOVOJ [RU]	H01M8/04	POWER PLANT BASED ON FUEL ELEMENTS
US2010000810	US20090556573 20090910; US20080237977 20080925; US20050288724 20051128; US20030626877 20030723	FERNANDEZ DENNIS S [US]	B60K1/00; B60R16/02; B60K8/00; B60L11/18; H01M8/00; H01M8/04; H01M8/10	TELEMATIC METHOD AND APPARATUS WITH INTEGRATED POWER SOURCE
US2010068582	US20090620046 20091117;	FINNERTY CAINE [US]	H01M8/04	SOLID OXIDE FUEL CELL SYSTEM

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	US20040939185 20040909			
US2010143755	US20090490436 20090624	FISCHER BERNHARD A [US]; RANELLI DAVID J [US]; SCHUMANN DAVID [US]	H01M8/18	MULTI-CHANNEL FUEL REFORMER WITH AUGMENTED HEAT TRANSFER
US2010119895	US20090549617 20090828; US20080136330P 20080828	FLUIDIC LLC [US]	H01M8/04; H01M8/18	OXYGEN RECOVERY SYSTEM AND METHOD FOR RECOVERING OXYGEN IN AN ELECTROCHEMICAL CELL
WO2010065890	US20080193540P 20081205	FLUIDIC LLC [US]; FRIESEN CODY A [US]; HAYES JOEL R [US]; KRISHNAN RAMKUMAR [US]; TRIMBLE TODD [US]	H01M2/38; H01M2/40; H01M6/50; H01M8/04; H01M8/18; H01M8/22; H01M12/06	ELECTROCHEMICAL CELLS CONNECTED IN FLUID FLOW SERIES
BRPI0609840	US20050662418P 20050316; WO2006US09891 20060316	FORD GLOBAL TECH LLC [US]	H01M8/02	SISTEMA DE FORNECIMENTO DE ENERGIA
AT453223T	DE20031010642 20030312; WO2004DE00229 20040210	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/24; H01M8/02; H01M8/04; H01M8/06; H01M8/12	MODULAR AUFGEBAUTES HOCHTEMPERATUR-BRENNSTOFFZELLENSYSTEM
DE102009009246	DE200910009246 20090217	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M4/88; H01M8/02	GAS DIFFUSION ELECTRODE PRODUCING METHOD FOR E.G. LOW TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL FOR MOTOR VEHICLE, INVOLVES ATTACHING LAYER WITH THICKNESS LESS THAN PRESET VALUE, TO ANOTHER LAYER
EP2153486	WO2008DE00847 20080517; DE200710026652	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/04; H01M8/06	HIGH-TEMPERATURE POLYMER ELECTROLYTE FUEL CELL SYSTEM AND METHOD FOR OPERATION OF SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20070608			
EP2153484	WO2008DE00656 20080418; DE200710021462 20070508	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/02; H01M8/24	COOLING ELEMENT FOR FUEL CELLS
AT458279T	DE20001039024 20000810; WO2001EP08438 20010719	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/00; H01M8/02; H01M8/24	BRENNSTOFFZELLENSTAPEL MIT INTERNEN GASANSCHLÜSSEN
AT463053T	DE20031006647 20030218; WO2004DE00033 20040114	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/02; C23C10/30; C23C24/08; C23C30/00	HERSTELLUNGSVERFAHREN FÜR EINE SCHUTZSCHICHT FÜR HOCHTEMPERATURBELASTETE, CHROMOXIDBILDENDE SUBSTRATE
EP2181472	WO2008EP06707 20080814; DE200710038838 20070816	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M4/86; D21H17/67; H01M4/88; H01M4/90; H01M8/12	METHOD FOR PRODUCTION OF A HIGH-TEMPERATURE FUEL CELL
AT467240T	DE20021033982 20020725; WO2003DE02155 20030628	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/02	BIPOLEARE PLATTE FÜR EINE BRENNSTOFFZELLE
AT467917T	DE20001033898 20000712; WO2001DE02459 20010629	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/02; H01M8/12; H01M8/24	HOCHTEMPERATURBRENNSTOFFZELLE
AT469306T	DE200610056675 20061130	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	F16B11/00; H01M8/02; H01M8/24	BRENNSTOFFZELLENANORDNUNG AUS DURCH FÜR GEMATERIAL VERBUNDENEN KÖRPERN
AT468623T	DE200510015660 20050406; WO2006DE00481 20060318	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M8/04; H01M8/24	NIEDERTEMPERATUR-BRENNSTOFFZELLENSTAPEL SOWIE VERFAHREN ZUM BETREIBEN DESSELBEN

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US2010075182	DE200610061225 20061220; WO2007EP10555 20071205	FORSCHUNGSZENTRUM JUELICH GMBH [DE]; TEMPLERGRABEN 55 [DE]	H01M8/00; H01M2/00	METHOD FOR ELECTROCHEMICAL ACTIVATION OF FUEL CELLS
US2010009237	DE200610048860 20061016; WO2007EP08152 20070919	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/02	FUEL CELL MODULE AND ITS USE
KR20100016496	DE200710018261 20070413	FRAUNHOFER GES FORSCHUNG [DE]	C04B35/01; C04B35/626; C23C4/12; H01M8/02	MATERIAL FOR PROTECTIVE COATINGS ON HIGH TEMPERATURE-RESISTANT CHROMIUM OXIDE-FORMING SUBSTRATES, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF
EP2168197	WO2008EP58551 20080703; DE200710031526 20070706	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/10; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY
DK1790025T	EP20040762749 20040830; WO2004DE01963 20040830	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/02; H01M8/12; H01M8/24	STABELBAR H-JTEMPERATURBRÖNDSSELSCELLE
EP2195874	WO2008EP08966 20081023; DE200710050617 20071023	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/10; H01M8/12; H01M8/24	FUEL CELL ARRANGEMENT HAVING FUEL CELLS DISPOSED IN A SHINGLE STRUCTURE AND USES THEREOF
DE102008054224	DE200810054224 20081031	FRAUNHOFER GES FORSCHUNG [DE]	F28D15/02; H01M8/02	VERFAHREN ZUM TRANSPORT VON FL ³ SSIGKEITEN, THERMO-KAPILLAR-PUMPE SOWIE DEREN VERWENDUNG
EP2201157	WO2008EP07417 20080910; DE200710042985 20070910	FRAUNHOFER GES FORSCHUNG [DE]	C25B9/06; H01M8/10	BIPOLAR PLATE FOR A PEM ELECTROLYZER
WO2010022965	DE200810044747 20080828	FRAUNHOFER GES FORSCHUNG [DE];	H01M8/02; H01M8/10;	FUEL CELL ARRANGEMENT AND METHOD FOR THE PRODUCTION THEREOF

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		ZSCHIESCHANG EVA [DE]; GERTEISEN DIETMAR [DE]; ZEDDA MARIO [DE]; ACKERMANN VOLKER [DE]	H01M8/24	
EP2159865	EP20060805650 20060905; DE200510042407 20050906; US20050714920P 20050907	FREUDENBERG CARL KG [DE]	H01M8/06; H01M8/04	ARRANGEMENT FOR SUPPLYING A FUEL CELL WITH RECYCLED REACTION GAS
AT454594T	DE200510039252 20050819; DE200610015236 20060330; WO2006EP08179 20060818	FREUDENBERG CARL KG [DE]	F24F6/00; H01M8/04	BEFEUCHTER
US2010035119	DE200610060932 20061220; WO2007EP10064 20071121	FREUDENBERG CARL KG [DE]	H01M8/02; B01D39/16; D06M10/02; D06M14/18; D06M14/20; D06M14/22; D06M14/24; D06M14/26; D06M14/28; D06M14/30; D06M14/32; D06M14/34; D06M14/36	STABLE TEMPERATURE PLASMA TREATED FORMATION, AND METHOD FOR THE PRODUCTION THEREOF
KR20100022503	DE200710030343 20070629	FREUDENBERG CARL KG [DE]	H01M8/02; H01M8/10	GAS DIFFUSION UNIT FOR A FUEL CELL
EP2191530	WO2008EP07068 20080829;	FREUDENBERG CARL KG [DE]	H01M8/04; F24F6/00;	HUMIDIFIER

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	DE200710043330 20070912		F24F13/20	
KR20100022464	US20070746911 20070510	FUEL CELL ENERGY INC [US]	H01M8/02; H01M8/14	FUEL CELL ASSEMBLY AND METHOD OF MAKING SAME
KR20100044828	US20070782989 20070725	FUEL CELL ENERGY INC [US]	H01M8/14; B01D53/48; G01N33/22; H01M8/06	ON-LINE MONITORING ASSEMBLY FOR DETECTION OF SULFUR BREAKTHROUGH IN A DESULFURIZER ASSEMBLY AND SULFUR BREAKTHROUGH DETECTION METHOD
US2010028730	US20080525751 20080131; US20070888186P 20070205; WO2008US52586 20080131	FUELCELL ENERGY INC [US]	H01M8/04; H01M2/02; H01M8/00	FUEL CELL POWER PRODUCTION SYSTEM WITH AN INTEGRATED HYDROGEN UTILIZATION DEVICE
US2010068563	US20080233447 20080918	FUELCELL ENERGY INC [US]	H01M8/04; F28D15/02; F28D15/04	LIQUID METAL HEAT EXCHANGER FOR HIGH TEMPERATURE FUEL CELLS
WO2010021997	US20080194272 20080819	FUELCELL ENERGY INC [US]; JAHNKE FRED C [US]; FAROOQUE MOHAMMAD [US]; GHEZEL-AYAGH HOSSEIN [US]	H01M8/04; H01M8/24	HIGH-EFFICIENCY DUAL-STACK MOLTEN CARBONATE FUEL CELL SYSTEM
WO2010033472	US20080233427 20080918	FUELCELL ENERGY INC [US]; YUH CHAO-YI [US]; KELLEY DANA A [US]; JALANI NIKHIL H [US]	C04B35/80; C04B35/78; H01M8/02	FIBROUS CERAMIC MATERIAL AND METHOD FOR MAKING THE SAME
KR100962383B	KR20090011919 20090213	FUELCELL POWER INC [KR]; DONGYANG ENGINEERING & CONSTRU [KR]	H01M8/04; H01M8/10	FUEL CELL PACKAGE SYSTEM
JP2010015808	JP20080174415 20080703	FUJI ELECTRIC HOLDINGS	H01M8/04; C01B3/38; C01B3/48; H01M8/06	GAS LEAK DETECTION METHOD OF FUEL CELL POWER GENERATING SYSTEM AND FUEL CELL POWER GENERATING SYSTEM

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JP2010003501	JP20080160316 20080619	FUJI ELECTRIC HOLDINGS	H01M8/02; H01M4/88	METHOD OF MANUFACTURING POROUS BASE MATERIAL FOR FUEL CELL
JP2010015940	JP20080177180 20080707	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/02	METHOD FOR MANUFACTURING ELECTROLYTE LAYER
EP2202830	WO2008JP02276 20080822; JP20070234588 20070910	FUJIFILM CORP [JP]	H01M4/86; H01M8/04; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2010009968	JP20080168793 20080627	FUJIKURA LTD	H01M8/04; H01M8/10	FUEL TRANSPORT MECHANISM OF DIRECT ALCOHOL TYPE FUEL CELL
DE10393310	JP20020273176 20020919; WO2003JP08802 20030710	FUJITSU LTD [JP]	H01M4/86; H01M4/96; B01J21/18; B01J23/40; B01J37/02; B01J37/16; H01M4/88; H01M4/92; H01M8/10	BRENNSTOFFZELLENKATALYSATOR UND VERFAHREN ZUR HERSTELLUNG EINES BRENNSTOFFZELLENKATALYSATORS
AT468624T	DE200610049031 20061013; WO2007EP60882 20071012	FUTUREE FUEL CELL SOLUTIONS GM [DE]	H01M8/24; H01M8/04	TRAGBEH?LTER EINER ENERGIEVERSORGUNGSEINHEIT MIT BRENNSTOFFZELLEN
RU2379796	RU20080148189 20081209	G OBRAZOVATEL NOE UCHREZH DENIE [RU]	H01M8/06; H01M8/12	SYSTEM OF SOLID OXIDE FUEL ELEMENTS
DK1953186T	DE200710005666 20070131	GEESTHACHT GKSS FORSCHUNG [DE]	C08J5/00; C08G73/00; C08G73/08; C08J5/22; H01M4/00; H01M8/00; H01M8/10	FREMSTILLING AF EN FUNKTIONALISERET POLYTRIAZOLPOLYMER
AT462205T	DE20001047551	GEESTHACHT GKSS	H01M8/10;	MEMBRAN F?R EINE DIREKT-METHANOL-

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	20000922	FORSCHUNG [DE]	C08J5/22; H01M8/02	BRENNSTOFFZELLE (DMFC)
JP2010003689	US20080143188 20080620	GEN ELECTRIC [US]	H01M8/02; H01M8/12	FUEL CELL INTERCONNECTING STRUCTURE AND RELATED METHOD AS WELL AS DATA
US2010055513	US20090617986 20091113; US20070962933 20071221; US20070910092P 20070404	GEN ELECTRIC [US]	H01M8/00; H01M2/00; H01M8/10	SYSTEM AND METHOD FOR ELECTROCHEMICAL ENERGY CONVERSION AND STORAGE
US2010055535	US20080202832 20080902	GEN ELECTRIC [US]	H01M8/10; B05D5/12	ELECTROLYTE MEMBRANE, METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME
US2010055534	US20080202754 20080902	GEN ELECTRIC [US]	H01M8/10; B05D5/12	ELECTROLYTE MEMBRANE, METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME
US2010055533	US20080199937 20080828	GEN ELECTRIC [US]	H01M8/10; B05D5/12; B32B37/02; C23C4/08; C23C8/08; C23C14/34; C25D5/00; C25D13/02; H05H1/24	BARRIER COATINGS FOR INTERCONNECTS; RELATED DEVICES, AND METHODS OF FORMING
WO2010021792	US20080193796 20080819	GEN ELECTRIC [US]; STRINGER CRAIG [US]; IACOVANGELO CHARLES DOMINIC [US]; DALPE DENNIS JOSEPH [US]; VARTULI JAMES SCOTT [US]; BREWER JAMES ANTHONY [US]	H01M2/08; H01M8/02	SEAL RING AND ASSOCIATED METHOD

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CN101656317	US20040929190 20040830	GEN MOTORS CORP [US]	H01M8/00	CONSTITUENTS AND METHODS FOR PROTECTING FUEL CELL COMPONENTS, INCLUDING PEMS
DE112005000861	US20040827731 20040420; WO2005US02819 20050202	GEN MOTORS CORP [US]	H01M4/94; B05D5/12; H01M4/88; H01M8/02	BRENNSTOFFZELLE DEREN VERWENDUNG UND VERFAHREN ZUM HERSTELLEN EINER BRENNSTOFFZELLE
DE112005002612T	US20040978504 20041101; WO2005US37142 20051018	GEN MOTORS CORP [US]	H01M8/02; B05D5/12; B05D7/00	VERFAHREN ZUR HERSTELLUNG EINER KORROSIONSBESTÄNDIGEN BIPOLARPLATTE
DE112004001487	US20030638917 20030811; WO2004US22651 20040714	GEN MOTORS CORP [US]	C23G1/02; C11D1/00; C11D7/10; C11D11/00; H01M8/02	VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG VON OXIDIERTEM METALL
DE10297056	US20010910331 20010720; WO2002US21761 20020710	GEN MOTORS CORP [US]	H01M8/04; H01M8/10; C01B3/34; C01B3/48; H01M8/06	BRENNSTOFFZELLENSYSTEM
AT467243T	GB20050014581 20050715; WO2006GB02613 20060714	GEN X POWER CORP [CK]	H01M8/10; H01M4/86; H01M4/88; H01M4/90; H01M4/92	METHANOL-BRENNSTOFFZELLEN
BRPI0608897	US20050076800 20050310; WO2006US06903 20060228	GILLETTE CO [US]	H01M8/04	SISTEMAS DE CÉLULAS A COMBUSTÍVEL E MÚTODOS RELACIONADOS
AT458283T	US20030414509 20030415; WO2004US11252 20040408	GILLETTE CO [US]	H01M8/04	MANAGEMENTSYSTEM FÜR EINE BRENNSTOFFZELLE UND VERFAHREN DAFÜR

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US2010062310	US20090617930 20091113; US20050137848 20050525	GILLETTE CO [US]	H01M2/02; H01M8/10	FUEL CELLS
AT461534T	WO2004US18360 20040609	GILLETTE CO [US]	H01M8/04; B67D7/32; F17C11/00; F17C13/12	BRENNSTOFFVERBRAUCHENDES MITTEL
AT462204T	US20030607699 20030627; WO2004US20708 20040625	GILLETTE CO [US]	H01M8/04	VERFAHREN ZUM BETANKEN VON BRENNSTOFFZELLENBETRIEBENEN GER?TEN
US2010112399	US20100685242 20100111; US20030633339 20030801	GILLETTE CO [US]	H01M8/04; F16K31/02; H01M2/02; H01M2/12; H01M6/50; H01M10/42; H01M10/44; H01M12/04; H01M12/06; H01M12/08	BATTERY
DE102009025253	US20080143041 20080620	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; H01M8/02	BRENNSTOFFZELLE MIT EINEM ELEKTROLYT STABILISIERENDEN MITTEL UND HERSTELLVERFAHREN DAF ³ R
CN101635365	US20080178182 20080723	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	WVT DESIGN FOR REDUCED MASS AND IMPROVED SEALING RELIABILITY
US2010047657	US20080197874 20080825	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	GRADIENT REINFORCED PROTON EXCHANGE MEMBRANE
DE102009035312	US20080185479 20080804	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	GASDIFFUSIONSSCHICHT MIT GERINGEREM GASDIFFUSIONSVERM?GEN
DE102009031503	US20080175477 20080718	GM GLOBAL TECH OPERATIONS INC [US]	B60L11/18; B60H1/00;	K ³ HLMITTELSYSTEME F ³ R ELEKTRO- UND HYBRID- ELEKTROFAHRZEUGE

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			B60L7/00; H01M8/04	
DE102009020231	US20080052158P 20080509; US20080197530 20080825	GM GLOBAL TECH OPERATIONS INC [US]	C08F8/36; C08F16/32; H01M8/02	NEUE PROTONENAUSTAUSCHMEMBRANEN FÜR BRENNSTOFFZELLENANWENDUNGEN
DE102009031347	US20080170706 20080710	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	STRUKTURELLE VERBESSERUNG VON MEMBRANELEKTRODEN
DE102009029846	US20080145767 20080625	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02; H01M8/10	VOR ORT BEFINDLICHE VORRICHTUNG ZUR BEPROBUNG VON BRENNSTOFFZELLENKONTAMINATION
DE102009029837	US20080145597 20080625	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	ADAPTIVE KOMPRESSORPUMPSTEUERUNG IN EINEM BRENNSTOFFZELLENSYSTEM
DE102009020232	US20080052159P 20080509; US20080197545 20080825	GM GLOBAL TECH OPERATIONS INC [US]	C08G81/00; H01M8/02	SULFONIERTE POLYPERFLUORCYCLOBUTAN- POLYPHENYLEN-POLYMERE FÜR PEM- BRENNSTOFFZELLENANWENDUNGEN
DE102009036361	US20080189224 20080811	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	HYBRIDPARTIKEL UND KERN-MANTEL- ELEKTRODENSTRUKTUR
DE102009035961	US20080186795 20080806	GM GLOBAL TECH OPERATIONS INC [US]	H01M4/88; H01M8/02; H01M8/10	GESCHICHTETE ELEKTRODE FÜR ELEKTROCHEMISCHE ZELLEN
DE102009003944	US20080972360 20080110	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; B05C3/02; B05D1/18	BEHÖLTER MIT INTEGRIERTEN KATHODENMITTELDICHTUNGEN
DE102009024897	US20080141591 20080618	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	DREIWEGE-UMLEITANORDNUNG FÜR EIN BRENNSTOFFZELLENSYSTEM
DE102009031659	US20080174116 20080716	GM GLOBAL TECH OPERATIONS INC [US]	H01R4/48; H01M8/02	FLEXIBLE ELEKTRISCHE STROMSCHIENE BEI WENIG RAUM
DE102009031487	US20080175511 20080718	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	NACHGIEBIGES ZUFUHRGEBIET IN EINEM GEPRÖGTEN METALLSTRÜMMUNGSFELD EINER BRENNSTOFFZELLENPLATTE ZUR BESEITIGUNG VON VORSPANNUNG
DE102009020129	US20080052138P	GM GLOBAL TECH	C08G61/12;	PROTONENLEITENDE POLYMERELEKTROLYTE UND

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	20080509; US20080197704 20080825	OPERATIONS INC [US]	H01M8/02	BRENNSTOFFZELLEN
CN101656319	US20080188486 20080808	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	ELECTROCHEMICAL DEPOSITION OF CONDUCTIVE COATINGS ON FUEL CELL BIPOLAR PLATES
CN101656324	US20080194859 20080820	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	METHOD TO MINIMIZE THE IMPACT OF SHUNT CURRENTS THROUGH AQUEOUS BASED COOLANTS ON PEM FUEL CELL BIPOLAR PLATES
CN101651225	US20080190261 20080812	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/24	INTEGRATION OF ELECTRONICS AND ELECTRICAL DISTRIBUTION INSIDE A FUEL CELL STACK
CN101651224	US20080189231 20080811	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/24	METHOD AND APPARATUS FOR FUEL CELL STACK ASSEMBLY
DE102009034572	US20080181513 20080729	GM GLOBAL TECH OPERATIONS INC [US]	C25B1/04; B60L11/18; H01M8/00	R ³ CKGEWINNUNG DER VERDICHTUNGSENERGIE IN GASFÖRMIGEM WASSERSTOFF UND SAUERSTOFF AUS DER ERZEUGUNG MITTELS HOCHDRUCK-WASSERELEKTROLYSE
US2010035090	US20080187069 20080806	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/02	OFF-STATE DEGRADATION PREVENTION IN A FUEL CELL WITHOUT ON-STATE LOSSES USING SELF CONTROLLED ELEMENT
CN101645512	US20080187056 20080806	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	FUEL CELL STACK USED AS COOLANT HEATER
DE102008034546	DE200810034546 20080724	GM GLOBAL TECH OPERATIONS INC [US]	B81B1/00; B81B7/04; B81C1/00; B82B1/00; B82B3/00; H01M8/02	PRODUCT, HAS SUBSTRATE INCLUDING NUMBER OF MOLECULAR CHAINS WITH HYDROPHILIC GROUP, HYDROPHOBIC SEGMENT AND PHOTOREVERSIBLE CROSS LINKING AGENT, WHERE MOLECULAR CHAINS ARE LINKED WITH SUBSTRATE
DE102008034545	DE200810034545 20080724	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	PRODUCT I.E. FUEL CELL, HAS FUEL CELL BIPOLAR PLATES INCLUDING REACTION GAS FLOW FIELD, WHICH IS DEFINED BY BARS AND CHANNELS FORMED IN SIDE OF COLLECTOR PLATES, WHERE THREE DIMENSIONAL PORES STRUCTURE COVERS ONE OF CHANNELS
CN101640276	US20080181864	GM GLOBAL TECH	H01M8/02	AMORPHOUS CARBON COATINGS FOR FUEL CELL

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	20080729	OPERATIONS INC [US]		BIPOLAR PLATES
CN101640275	US20080181875 20080729	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	GRAPHENE COATED SS BIPOLAR PLATES
CN101640279	US20080184776 20080801	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/24	HUMIDIFICATION CONTROL DURING SHUTDOWN OF A FUEL CELL SYSTEM
US2010028745	US20070775298 20070710	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; B01J31/02; B01J31/04; C07C309/03	CHEMICALLY MODIFIED CATALYZED SUPPORT PARTICLES FOR ELECTROCHEMICAL CELLS
US2010028744	US20080185640 20080804	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; H01M4/86; H01M8/02	GAS DIFFUSION LAYER WITH LOWER GAS DIFFUSIVITY
US2010028727	US20080184766 20080801	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00	METHOD AND APPARATUS FOR STARTING A FUEL CELL ENGINE IN A VEHICLE EQUIPPED WITH AN ULTRACAPACITOR
CN101685699	US20080207188 20080909	GM GLOBAL TECH OPERATIONS INC [US]	H01F17/04; H01F27/245; H01M8/00; H02M3/04	DC-DC CONVERTER FOR FUEL CELL APPLICATION USING HYBRID INDUCTOR CORE MATERIAL
US2010086820	US20080244992 20081003	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; H01M2/00	BIPOLAR PLATE WITH FEATURES FOR MITIGATION OF EXIT WATER RETENTION
US2010075183	US20090545280 20090821; US20080098351P 20080919	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; H01M2/00	SYSTEM AND METHOD OF DELIVERING HYDROGEN IN A VEHICLE
CN101673834	US20080209492 20080912	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; F04D29/42	VOLUTE OF LOWER END UNIT OF FUEL CELL SYSTEM
CN101674006	US20080207172 20080909	GM GLOBAL TECH OPERATIONS INC [US]	H02M3/00; B60R16/033; H01M8/00; H01M8/04; H01M8/24	INDUCTOR ARRAY WITH SHARED FLUX RETURN PATH FOR A FUEL CELL BOOST CONVERTER
US2010068561	US20080209670	GM GLOBAL TECH	H01M8/02;	PERMEATION PROTECTION FOR PRESSURIZED

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	20080912	OPERATIONS INC [US]	B05D7/22; C23C14/34; C23C16/513	HYDROGEN STORAGE TANK
US2010062320	US20080208834 20080911	GM GLOBAL TECH OPERATIONS INC [US]	H01M2/08; H01M8/10	SUBGASKET WINDOW EDGE DESIGN RELIEF
DE102009038252	US20080197870 20080825	GM GLOBAL TECH OPERATIONS INC [US]	C08G75/24; C08F214/18; C08J5/22; H01M8/10	AUS MISCHUNGEN VON PFSA UND SULFONIERTEN PFCB-POLYMEREN ZUGESETZTE POLYELEKTROLYTMENBRANEN
DE102009036170	US20080188447 20080808	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	VERFAHREN ZUM HERSTELLEN EINER STABILEN HYDROPHILEN BESCHICHTUNG/OBERFLÖCHE AUF KOHLENSTOFFBASIERTEN MATERIALIEN F ³ R BRENNSTOFFZELLENANWENDUNGEN
US2010099008	US20080255129 20081021	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; G01B9/02; G01L9/04; G01L9/06; G01L9/12; G01L9/14	PRESSURE SENSOR WITH NONLINEAR CHARACTERISTIC CURVE
US2010098975	US20080254880 20081021	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00	LOW COST THERMAL INSULATION FOR A FUEL CELL STACK INTEGRATED END UNIT
DE102009040552	US20080096019P 20080911; US20090547065 20090825	GM GLOBAL TECH OPERATIONS INC [US]	C01B3/00; C01B6/00; H01M8/06	HEIZSYSTEME F ³ R WASSERSTOFFSPEICHERMATERIALIEN
US2010092817	US20090637501 20091214; US20060534341 20060922	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD FOR REVISING A POLARIZATION CURVE THAT DEFINES THE CURRENT/VOLTAGE RELATIONSHIP OF A FUEL CELL STACK
US2010089747	US20080251822 20081015	GM GLOBAL TECH OPERATIONS INC [US]	C25B1/04; C25B9/04; H01M8/18	HIGH PRESSURE PROTON EXCHANGE MEMBRANE BASED WATER ELECTROLYZER SYSTEM
DE102009050943	US20080262592	GM GLOBAL TECH	H01M8/04	ABSCHÖTZEN DER MINIMALEN SPANNUNG VON

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	20081031	OPERATIONS INC [US]		BRENNSTOFFZELLEN
US2010124675	US20080271972 20081117	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02; H01M8/00	FUEL CELL PLATES PRODUCED FROM LAYERED MATERIALS
DE102009043208	US20080242975 20081001	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	MATERIALAUSLEGUNG, UM EINE LEISTUNGSFÖHIGKEIT EINER BRENNSTOFFZELLE BEI HOHER MITTENTEMPORATUR MIT ULTRADÜNNEN ELEKTRODEN ZU ERMÖGLICHEN
US2010112386	US20080262889 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD FOR REMEDIAL ACTION IN THE EVENT OF THE FAILURE OF THE PRIMARY AIR FLOW MEASUREMENT DEVICE IN A FUEL CELL SYSTEM
US2010112385	US20080262874 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD FOR REMEDIAL ACTION IN THE EVENT OF THE FAILURE OF THE COMPRESSOR BYPASS VALVE IN A FUEL CELL SYSTEM
US2010112384	US20080262849 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	REMEDIAL ACTION TO OPERATE A FUEL CELL SYSTEM WITH A FAILED BLEED
US2010112383	US20080262825 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	DIAGNOSTIC TO DETERMINE A VALVE/LINE FREEZE-UP OR FAILURE IN A FUEL CELL BLEED MANIFOLD UNIT
US2010112410	US20080262811 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/06	FREEZE TOLERANT INTRODUCTION OF H2 TO CATHODE EXHAUST IN A FUEL CELL SYSTEM
US2010112382	US20080262785 20081031	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/02	LIFE EXTENSION OF PEM FUEL CELL USING STARTUP METHOD
US2010112405	US20080261591 20081030	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	USING IONOMER TO MITIGATE AGAINST MEMBRANE BUCKLING IN THE TIGHTENING REGION
DE102009048703	US20080254891 20081021	GM GLOBAL TECH OPERATIONS INC [US]	F04B53/16; H01M8/04	FLUIDPUMPE MIT EINER INTEGRIERTEN BEFESTIGUNGSSCHNITTSTELLE
DE102009048448	US20080255257 20081021	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	VERBESSERTE ELEKTRODENMORPHOLOGIE UNTER VERWENDUNGSELEKTRODENTINTEN
DE102009043381	US20080252678 20081016	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	IN EINEM BIPOLARPLATTEN-VERTEILER/SAMMLER GEBILDETE MERKMALE
US2010159294	US20080341105 20081222	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02; B05D5/12; B29C67/20	COMBINED SUBGASKET AND MEMBRANE SUPPORT
US2010159303	US20080341062	GM GLOBAL TECH	H01M8/04;	FUEL CELL FABRICATION USING PHOTOPOLYMER

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	20081222	OPERATIONS INC [US]	B05D3/06; B05D5/12	BASED PROCESSES
US2010151288	US20080336193 20081216	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD OF OPERATING A FUEL CELL SYSTEM IN STANDBY/REGENERATIVE MODE
US2010151294	US20080336166 20081216	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	CATHODE FILTER REPLACEMENT ALGORITHM IN A FUEL CELL SYSTEM
US2010151287	US20080336144 20081216	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M2/12	ADAPTIVE ANODE BLEED STRATEGY
US2010151286	US20080336114 20081216	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD OF STABILIZING A STACK AFTER COMPLETING STARTUP, WITHOUT EXTENDING THE STARTUP TIME
US2010151285	US20080334040 20081212	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	ANODE REACTIVE BLEED AND INJECTOR SHIFT CONTROL STRATEGY
US2010151284	US20080334007 20081212	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHODS AND CONTROLS FOR HYDROGEN TO CATHODE INLET OF A FUEL CELL SYSTEM
US2010151295	US20080332440 20081211	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	ANODE MATERIALS FOR PEM FUEL CELLS
US2010143813	US20100706354 20100216	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	FREEZE START OPERATION IN A FUEL CELL WITH A BLOCKED ANODE CELL
US2010143754	US20080327957 20081204	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/02	SHUTDOWN STRATEGY TO AVOID CARBON CORROSION DUE TO SLOW HYDROGEN/AIR
US2010112396	US20080594123 20080331; US20070909028P 20070330; WO2008US58892 20080331	GOLDSTEIN AVERY N [US]	B01J19/08; F01D15/00; H01M8/04	FIELD HYDROGEN GENERATION SYSTEM
US2010129691	US20090624465 20091124; US20080117988P 20081126; US20090255143P 20091027	GOOD EARTH POWER CORP [US]	H01M8/18; B01J10/00; B01J19/00; C01B3/36; C07C27/06; H01M8/04	ENHANCED PRODUCT GAS AND POWER EVOLUTION FROM CARBONACEOUS MATERIALS VIA GASIFICATION
US7670720	DE19971041736	GORE W L & ASS GMBH [DE]	H01G9/058;	ELECTROCHEMICAL ENERGY STORAGE MEANS

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	19970922; WO1998EP06032 19980922		H01M8/04; H01G9/038; H01M2/16; H01M6/18; H01M8/02; H01M10/04	
US2010021777	US20090477669 20090603; US20080204067P 20081231; US20080058607P 20080604	GOTTESFELD SIMSHON [US]; DEKEL DARIO [IL]; GOTTESFELD ZIV [IL]; SIMAKOV STANISLAV DAVID [IL]	H01M8/00; H01M8/10	ALKALINE MEMBRANE FUEL CELLS AND APPARATUS AND METHODS FOR SUPPLYING WATER THERETO
RU2378742	RU20080145349 20081117	GOU VPO VOLOGODSKIJ GTU VOGTU [RU]	H01L37/00; H01M8/02	DEVICE FOR GENERATING DIRECT CURRENT ELECTRICAL ENERGY
WO2010066025	US20080121939P 20081212; US20080121934P 20081212; US20080140737P 20081224; US20080140732P 20081224	GRUMAZESCU MIHAI [CA]	C25B5/00; B60L11/18; C25B1/04; C25B15/08; H01M8/06	ELECTROCHEMICAL ENERGY STORAGE AND DISCHARGE
KR20100005700	KR20097020352 20070330	GS CALTEX CORP [KR]	H01M8/02; C07C261/02	COMPOSITION FOR SOURCE PARTICLE OF HIGH-TEMPERATURE TYPED BIPOLAR PLATE FOR FUEL CELL AND HIGH-TEMPERATURE TYPED BIPOLAR PLATE FOR FUEL CELL MANUFACTURED BY USING THE SAME
WO2010053219	WO2008KR06573 20081107	GS CALTEX CORP [KR]; KANG MOOSEONG [KR]; YANG JAECHOON [KR]; LIM CHAN [KR]	H01M8/04	BIPOLAR PLATE FOR STACK ASSEMBLY AND CASCADE TYPED STACK ASSEMBLY IN FUEL CELL SYSTEM
KR20100006468	KR20080066702 20080709	GS FUELCELL CO LTD [KR]	H01M8/04	METHOD FOR OPERATION OF FUEL CELL SYSTEM
WO2010005165	KR20080066703	GS FUELCELL CO LTD [KR];	H01M8/06	FUEL PROCESSOR OF FUEL CELL SYSTEM

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	20080709	CHA JUNGEUN [KR]; JUN HEEKWON [KR]; PARK JUNGJOO [KR]; HWANG JUNGTAE [KR]		
US7674537	JP20030096236 20030331; JP20030096237 20030331; WO2004JP03995 20040319	GS YUASA CORP [JP]	H01M8/04; H01M4/86; H01M4/88; H01M4/92; H01M8/06; H01M8/10	DIRECT METHANOL TYPE FUEL CELL AND METHOD OF PREVENTING ELUTION OF ITS FUEL POLE, QUALITY CONTROL METHOD AND OPERATION METHOD
US2010104903	WO2005US47012 20051223	GUMMALLA MALLIKA [US]; VANDERSPURT THOMAS HENRY [US]; SHE YING [US]; DARDAS ZISSIS [US]; OLSOMMER BENOIT [US]	H01M8/18	POWER PLANT WITH MEMBRANE WATER GAS SHIFT REACTOR SYSTEM
AT458286T	DE200420018521U 20041129; WO2005DE02149 20051129	H I A T GGMBH [DE]	H01M8/24; H01M8/02; H01M8/10	AKTIVE TESTBRENNSTOFFZELLE FÜR DIE CHARAKTERISIERUNG UND QUALIFIZIERUNG VON ZELLENINTERNEN BRENNSTOFFZELLENKOMPONENTEN
KR20100021075	KR20080079783 20080814	H2ON CO LTD [KR]	H01M8/24; H01M8/02	FUEL CELL STACK INCLUDING PHASE CHANGE MATERIALS
US2010047655	DE200610003316 20060123; WO2007DE00133 20070123	HAERING THOMAS [DE]	H01M8/10; H01M8/02	ELECTROLYTE CONTAINING PHOSPHONIC ACID
AT458282T	WO2003IB03679 20030527; WO2004IB02339 20040527	HAERING THOMAS [DE]	H01M8/02; B01D67/00; B01D69/10; B01D69/12; B01D69/14; B01D71/52; B01J8/00; H01M4/86;	SCHICHTSTRUKTUREN UND VERFAHREN ZU DEREN HERSTELLUNG

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			H01M4/88; H01M8/10	
AT458776T	DE19991019988 19990430; WO2000EP03911 20000502	HAERING THOMAS [DE]; HAERING RIMA [DE]	C08J5/22; B01D69/12; B01D69/14; B01J31/06; B01J35/06; C08K9/02; H01M2/16; H01M8/10	PROTONENLEITENDE KERAMIK-POLYMER-KOMPOSITMEMBRAN FÜR DEN TEMPERATURBEREICH BIS 300 °C
AT469936T	DE19981013613 19980327; WO1999DE00929 19990326	HAERING THOMAS [DE]; HAERING RIMA [DE]	C08G65/48; C08L71/00; B01D71/52; B01D71/66; B01D71/68; B01D71/82; C08F8/00; C08G61/12; C08G75/02; C08G75/20; C08G75/23; C08J5/22; C08L71/10; C08L81/02; C08L81/06; H01M8/02; H01M8/10	MODIFIZIERTES POLYMER UND MODIFIZIERTE POLYMERMEMBRAN
US2010119903	DE200710007704 20070212; WO2008EP01205 20080212	HAHN ROBERT [DE]	H01M8/04; H01M2/00	FUEL CELL STACK WITH A LIGHTWEIGHT CONSTRUCTION
US2010003548	GB20060015290 20060801;	HALL PHILIP [GB]	H01M8/04; C12M1/00;	RECYCLING OF WASTE MATERIAL

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	GB20070008405 20070501; WO2007GB02920 20070801		C12P1/02; C12P3/00; C12P7/10	
US2010143763	US20090538964 20090811	HALTINER JR KARL J [US]; BADURA CHARLES J [US]	H01M8/10	LAMINATED PLATE REPEATING FUEL CELL UNIT FOR AN SOFC STACK
US2010068576	JP20070142424 20070529; WO2008JP60095 20080526	HAMADA HITOSHI [JP]; KUBO HIDEKI [JP]; NOTO HIRONORI [JP]	H01M8/04	FUEL CELL SYSTEM
KR20100004623	KR20080064900 20080704	HANKOOK TIRE CO LTD [KR]	B29B9/06; H01M8/02	CUTTING DEVICE FOR THERMOPLASTIC COMPOSITES OF FUEL CELL BIPOLAR PLATE
KR20100021170	KR20080079933 20080814	HANKOOK TIRE CO LTD [KR]	H01M8/02; H01M8/04	GASKET FOR A SEPARATE PLATE OF A FUEL CELL, METHOD OF PREPARING THE SAME AND A SEPARATE PLATE COMPRISING THE SAME
KR20100010157	KR20080071023 20080722	HANKOOK TIRE CO LTD [KR]	H01M8/04; H01M8/02	METHOD AND DEVICE FOR PREPARING THE SEPARATE PLATE OF A FUEL CELL
KR20100057411	KR20080116445 20081121	HANKOOK TIRE CO LTD [KR]	H01M8/02; C01B31/04	MOLDING MATERIAL FOR FUEL CELL SEPARATOR AND FUEL CELL SEPARATOR PREPARED THEREFROM
KR20100052804	KR20080111664 20081111	HANKOOK TIRE CO LTD [KR]	H01M8/02; C08J5/22; H01M8/04	MANUFACTURING METHOD FOR FUEL CELL SEPERATOR
US2010151293	US20090590550 20091110; US20080201837P 20081215	HANSEN ANDREW [US]	H01M8/18; C07C29/04; C10G1/00; F02B43/00	METHOD AND APPARATUS FOR PRODUCING LIQUID HYDROCARBONS FROM COAL
KR100939647B	KR20090005540 20090122	HANWHA CHEMICAL CORP [KR]	H01M4/58; H01M4/04; H01M8/10; H01M10/05	ANION-DEFICIENT NON-STOICHIOMETRIC LITHIUM TRANSITION METAL POLYACID COMPOUND AS ELECTRODE ACTIVE MATERIAL, METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME
CN101635364	CN20091304358 20090715	HARBIN INST OF TECHNOLOGY	H01M8/02	METHOD FOR PREPARING ANODE SUPPORT ELECTROLYTE COMPLEX FILM

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WO2010066900	DE200810061771 20081211	HARBUSCH VOLKER [DE]	H01M8/10; H01M8/04	DEVICE FOR PROVIDING A CARRIER GAS CONTAINING A FUEL, AND FUEL CELL COMPRISING SUCH A DEVICE
US2010081783	US20090615901 20091110; DE20011058006 20011122; DE20021008679 20020228; US20070679020 20070226; US20040852594 20040524; WO2002DE04414 20021122	HARING THOMAS [DE]	C08G75/23; B01D67/00; B01D69/14; B01D71/52; B01D71/68; B01D71/80; B01D71/82; B01J47/12; C08G16/00; C08G65/48; C08J5/18; C08J5/22; C08L71/10; C08L79/04; C08L81/06; H01M8/10; H01M10/052; H01M10/0565; H01M10/36	FUNCTIONALIZED MAIN CHAIN POLYMERS
US2010151352	US20090636323 20091211; DE20021009774 20020228; US20040929648 20040830; WO2003DE00640 20030221	HARING THOMAS [DE]; LINKOV VLADIMIR [ZA]; KERRES JOCHEN [DE]; ULLRICH ANDREAS [DE]; TANG CHY-MING [DE]; HEIN MARTIN [DE]; ZHANG WEI [DE]	H01M8/10; B01D53/22; B01D61/02; B01D61/36; B01D61/42; B01D67/00; B01D69/14; B01D71/00; B01D71/52; B01D71/62; B01D71/82; B05D3/02; C02F1/44;	COMPOSITES AND COMPOSITE MEMBRANES

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			C08J5/22; C25B13/08; C25C7/04; H01B1/12; H01M6/18; H01M10/05; H01M10/36	
US2010003556	US20090537953 20090807; US20070745942 20070508; US20080087549P 20080808; US20060798863P 20060508	HARTVIGSEN JOSEPH J [US]; ELANGOVAN S [US]; CZEMICHOWSKI PIOTR [US]; HOLLIST MICHELE [US]	H01M8/04; B01J19/08; H01M8/18	PLASMA-CATALYZED FUEL REFORMER
EP2183813	WO2008US68370 20080626; US20070954935P 20070809	HARVARD COLLEGE [US]	H01M8/12; H01M8/02; H01M8/24	MICRO-SCALE ENERGY CONVERSION DEVICES AND METHODS
US2010159355	JP20050040767 20050217; WO2006JP302185 20060208	HATA KAZUO [JP]; MIZUTANI YASUNOBU [JP]; HISADA KOUJI [JP]; UKAI KENJI [JP]; YOKOYAMA MISUZU [JP]	H01M8/10; C04B35/109	ELECTROLYTE SHEET FOR SOLID OXIDE FUEL CELL, PROCESS FOR PRODUCING THE SAME, AND SOLID OXIDE FUEL CELL
US2010006794	US20090501913 20090713; US20080080650P 20080714	HAWKINS J ADRIAN [US]; HUDGINS DAVID A [US]; IRWIN LEVI J [US]	H01G9/022; H01M8/14; H01M10/02	PHOSPHONIUM IONIC LIQUIDS, COMPOSITIONS, METHODS OF MAKING AND DEVICES FORMED THERE FROM
US2010119918	JP20070039952 20070220; WO2008JP53115 20080218	HAYASHI TOMOKAZU [JP]	H01M2/14; H01M2/08; H01M8/02	SEALING STRUCTURE FOR FUEL CELL
US2010008844	US20090564880 20090922;	HEATON HARLEY L [US]; PARKER ROBIN Z [US];	C01B9/04; H01M8/18	METHOD FOR PROCESSING STACK GAS EMISSIONS

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	US20040860658 20040604; US20030475791P 20030605	PARKER MELAHN L [US]; KELLER JIMMY B [US]; SALISBURY BRUCE A [US]		
US2010136454	WO2006EP09798 20061011	HEIDRICH HANS-JOERG [DE]; MAZZOTTA COSIMO S [DE]	H01M8/04; H01M2/00	FUEL CIRCUIT OF A FUEL CELL SYSTEM
WO2010031765	FR20080056254 20080917	HELION [FR]; CHAUDRON VALERY [FR]; MAZET STEPHANE [FR]; QUINTIERI CHRISTIAN [FR]; VIAL LIONEL [FR]	H01M8/24; H01M8/02; H01M8/04	MULTIFUNCTIONAL TIGHTENING CLAMPS FOR A FUEL CELL
CN101656322	CN20081141057 20080818	HENAN PROVINCE CHANGGE CITY NE	H01M8/06	LOW-TEMPERATURE GENERATION DEVICE BY HEAT- ENERGY OF CO* WORKING MEDIUM CO-PRODUCTION CARBONATE
DK1864347T	EP20050405252 20050321; WO2006CH00095 20060214	HEXIS AG [CH]	H01M8/02; H01M8/24	ANLÖG MED H÷JTEMPERATUR-BRÖNDSSELSCELLER OG EN MULTIKOMPONENTKAPPE TIL EN CELLESTAK
DK1861890T	EP20050405253 20050321; WO2006CH00096 20060214	HEXIS AG [CH]	H01M8/24; H01M8/02	ANLÖG MED H÷JTEMPERATURBRÖNDSSELSCELLER OG SPÖNDEINDRETNING TIL EN CELLESTAK
US2010159349	GB20050013084 20050627; GB20050013172 20050628; WO2006GB02369 20060627	HIGHGATE DONALD JAMES [GB]; LLOYD JONATHAN ANTHONY [GB]; BOURNE SIMON [GB]; SMITH RACHEL LOUISE [GB]	H01M8/10; H01M4/88	MEMBRANE ELECTRODE ASSEMBLIES
AT463848T	DE200620003108U 20060227; WO2007EP51841 20070227	HIGHTERM RES GMBH [DE]	H01M8/02; H01M8/04; H01M8/12; H01M8/24	BRENNSTOFFZELLENANORDNUNG
US2010159346	JP20070083307	HINAGO HIDENORI [JP];	H01M8/10;	ELECTRODE, AND LITHIUM ION SECONDARY BATTERY,

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20070328; JP20070083309 20070328; JP20070083328 20070328; WO2008JP55958 20080327	ISHIKAWA MASASHI [JP]	H01G9/00; H01G9/04; H01M4/02; H01M4/04; H01M4/133; H01M4/58; H01M4/587; H01M4/86; H01M4/88; H01M10/0525; H01M10/36	ELECTRIC DOUBLE LAYER CAPACITOR AND FUEL CELL USING THE SAME
US2010003559	JP20060211728 20060803; WO2007IB02222 20070802	HIRAKATA SHUJI [JP]	H01M8/04; H01M2/00	HYDROGEN SUPPLYING APPARATUS AND METHOD FOR CONTROLLING HYDROGEN SUPPLYING APPARATUS
JP2010015796	JP20080174077 20080703	HITACHI LTD [JP]	H01M8/04; H01M8/10	FUEL BATTERY SYSTEM
JP2010010071	JP20080170762 20080630	HITACHI LTD [JP]	H01M8/02; H01M4/88; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
HK1105247	JP20030362682 20031023; JP20030376368 20031106; JP20040011289 20040120	HITACHI LTD [JP]	H01M8/00; H01M8/04	FUEL CELL DEVICE AND ELECTRONIC APPARATUS
WO2010013316	WO2008JP63607 20080729	HITACHI LTD [JP]; KISHIBE TADAHARU [JP]; NAKANO SUSUMU [JP]; SHIRAIWA HIROYUKI [JP]; KOBAYASHI NARIYOSHI [JP]	F02C6/00; F01D25/00; F01K21/04; F02C6/10; F02C7/141; H01M8/04	HYBRID POWER GENERATION SYSTEM AND ITS OPERATING METHOD

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WO2010058811	JP20080297472 20081121	HITACHI LTD [JP]; NISHIMURA KATSUNORI [JP]; ANDOH SHINSUKE [JP]; NAKABARU MITSUGU [JP]; KANNO MASAYOSHI [JP]	H01M8/04; G01N27/26; G01N27/416; H01M8/06; H01M8/10	FUEL CELL
WO2010058566	JP20080295043 20081119	HITACHI LTD [JP]; NISHIMURA KATSUNORI [JP]; YAMAGA KENJI [JP]; KUBOTA OSAMU [JP]; TAKAHASHI HIROSHI [JP]	H01M8/04	FUEL BATTERY START METHOD
JP2010015779	JP20080173660 20080702	HITACHI MAXELL [JP]	H01M8/02	FUEL CELL
JP2010009797	JP20080165192 20080625	HITACHI MAXELL [JP]	H01M4/86; H01M8/02; H01M8/10	GAS DIFFUSION ELECTRODE, MEMBRANE ELECTRODE CONJUGANT, AND SOLID POLYMER FUEL CELL
JP2010001188	JP20080161898 20080620	HITACHI MAXELL [JP]	C01B3/08; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL
WO2010026945	JP20080224910 20080902; JP20080224912 20080902	HITACHI MAXELL [JP]; TANAKA ATSUSHI; MIKI TAKESHI; NAKAI TOSHIHIRO; TODAKA YOSHIHIRO	C01B3/08; H01M8/06	HYDROGEN GENERATION DEVICE AND FUEL CELL SYSTEM EQUIPPED WITH SAME
JP2010013727	JP20080026273 20080206; JP20080144079 20080602; JP20090022794 20090203	HITACHI METALS LTD [JP]	C22C38/00; C22C38/28	FERRITIC STAINLESS STEEL SUPERIOR IN OXIDATION RESISTANCE
DE112008000647T	JP20070060189 20070309; WO2008JP54176 20080307	HITACHI METALS LTD [JP]	C22C27/02; B01D71/70; C22F1/00; C22F1/18; H01M4/94; H01M8/06	WASSERSTOFFDURCHLÖSSIGE LEGIERUNG UND WASSERSTOFFDURCHLÖSSIGE FOLIE SOWIE HERSTELLUNGSVERFAHREN DAF ³ R

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WO2010061585	JP20080300311 20081126	HITACHI METALS LTD [JP]; MIYATA MOTOYUKI [JP]; YAMAMOTO HIROKI [JP]; UEHARA TOSHIHIRO [JP]; YASUDA NOBUTAKA [JP]	H01M8/02; H01M8/12	MEMBER FOR SOLID OXIDE ELECTROLYTE-TYPE FUEL CELL
US2010003546	US20080014272 20080115	HOCHGRAF CLARK G [US]; FOLEY ROBERT S [US]; HORTOP MATTHEW K [US]; LAKSHMANAN BALASUBRAMANIAN [US]	H01M8/04	SYSTEM AND METHOD FOR SHORTING A FUEL CELL STACK
US2010055506	US20070225615 20070328; US20060788521P 20060331; WO2007US07795 20070328	HOLLAND STEVEN M [US]; ZELAZNY ADRIAN [US]; MURRAY PATRICK [US]	H01M8/16; C02F3/34; C07H21/04; C07K14/00; C07K16/00; C12N1/21; H01M4/00; H01M8/00	NEWLY DISCOVERED BACTERIUM IN THE FAMILY ACETOBACTERACEAE
US2010086824	US20090553969 20090903; US20080093828P 20080903	HOMEL MICHAEL [US]; GARDINER MICHAEL [US]; RICH JARED [US]	H01M8/10	ASSEMBLIES OF HOLLOW ELECTRODE ELECTROCHEMICAL DEVICES
JP2010003412	JP20080158595 20080618	HONDA MOTOR CO LTD	H01M8/04	FUEL CELL SYSTEM
JP2010015977	JP20080146138 20080603; JP20090122629 20090521	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/12	FUEL CELL AND METHOD OF PRODUCING THE FUEL CELL
JP2010021127	JP20080152119 20080610; JP20080299395 20081125	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/00	VEHICLE WITH FUEL CELL AND METHOD OF CONTROLLING THE SAME
US2010047650	JP20060268668	HONDA MOTOR CO LTD [JP]	H01M8/10;	SEPARATOR FOR FUEL CELL, SINGLE CELL UNIT FOR

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	20060929; WO2007JP69422 20070927		B29C39/00; B29C45/73; H01M2/00	FUEL CELL, SHORT STACK UNIT FOR FUEL CELL, AND PRODUCTION METHODS OF SEPARATOR FOR FUEL CELL AND CELL UNIT (SINGLE CELL UNIT OR SHORT STACK UNIT) FOR FUEL CELL
JP2010004732	JP20080133616 20080521; JP20090095336 20090409	HONDA MOTOR CO LTD [JP]	B60L11/18; B60L3/00; H01M8/00; H01M8/04; H01M10/44; H02J7/00; H02J7/04; H02J7/10; H02J7/34	POWER SUPPLY SYSTEM
JP2010010073	JP20080170817 20080630	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/24	FUEL CELL STACK
JP2010010011	JP20080169809 20080630	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/00; H01M8/24	FUEL CELL STACK
JP2010010010	JP20080169806 20080630	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/00	FUEL-CELL STACK
JP2010010007	JP20080169738 20080630	HONDA MOTOR CO LTD [JP]	H01M8/02; C08G61/12; H01M8/10	MEMBRANE-ELECTRODE STRUCTURE FOR SOLID POLYMER FUEL CELL
JP2010009979	JP20080169033 20080627	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2010009894	JP20080166686 20080626	HONDA MOTOR CO LTD [JP]	H01M8/02; C08G61/12; C08G65/40; H01M8/10	MEMBRANE-ELECTRODE STRUCTURE FOR SOLID POLYMER FUEL CELL
JP2010003626	JP20080163259 20080623	HONDA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL STACK
JP2010003603	JP20080162829	HONDA MOTOR CO LTD [JP]	H01M8/04;	FUEL CELL STACK

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	20080623		H01M8/06; H01M8/24	
JP2010003541	JP20080161322 20080620	HONDA MOTOR CO LTD [JP]	H01M8/02	FUEL CELL STACK
JP2010003531	JP20080161160 20080620	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	FUEL CELL STACK
JP2010003527	JP20080161058 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; F17C13/02	HIGH PRESSURE GAS SUPPLY SYSTEM
JP2010000886	JP20080160909 20080619	HONDA MOTOR CO LTD [JP]	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2010004649	JP20080160893 20080619	HONDA MOTOR CO LTD [JP]	B60L11/18; B60K1/04; B60K8/00; B60K11/04; H01M8/00; H01M8/04	VENTILATOR OF FUEL CELL VEHICLE
JP2010003518	JP20080160781 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
JP2010003509	JP20080160453 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00; H01M8/06	FUEL CELL VEHICLE AND ITS CONTROL METHOD IN HIGHLANDS
JP2010002264	JP20080160406 20080619	HONDA MOTOR CO LTD [JP]	G01M3/26; G01M3/28; H01M8/00; H01M8/04	GAS LEAKAGE DIAGNOSIS DEVICE AND GAS LEAKAGE DIAGNOSIS METHOD
JP2010003507	JP20080160401 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L11/18	CONTROL UNIT REWRITING SYSTEM OF FUEL CELL VEHICLE
JP2010003506	JP20080160400 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/00	INSPECTION SYSTEM FOR HYDROGEN VENTILATION FAN

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JP2010003503	JP20080160352 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
JP2010004638	JP20080160320 20080619	HONDA MOTOR CO LTD [JP]	B60L11/18; B60K1/04; B60K8/00; B60L3/00; H01M8/00; H01M8/04; H01M10/44	FUEL CELL VEHICLE
JP2010003496	JP20080160226 20080619	HONDA MOTOR CO LTD [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD AT FAILURE
JP2010003495	JP20080160217 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L3/00; B60L11/18; H01M8/00; H01M8/10	FUEL CELL MOBILE BODY
JP2010003494	JP20080160203 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND ITS OPERATION METHOD
JP2010003493	JP20080160190 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND ITS OPERATION METHOD
JP2010004631	JP20080160156 20080619	HONDA MOTOR CO LTD [JP]	B60L3/00; B60L11/18; H01M8/00; H01M8/04	ELECTRIC VEHICLE AND GROUND FAULT DETECTION METHOD IN THE ELECTRIC VEHICLE
JP2010004628	JP20080160109 20080619	HONDA MOTOR CO LTD [JP]	B60L11/18; B60L3/00; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2010003477	JP20080159943 20080619	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010001916	JP20080159334 20080618	HONDA MOTOR CO LTD [JP]	F16K31/06	SOLENOID SHUTOFF VALVE

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JP2010003449	JP20080159222 20080618	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
JP2010003444	JP20080159104 20080618	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L3/00; B60L11/18; H01M8/00	FUEL CELL VEHICLE
JP2010004600	JP20080158944 20080618	HONDA MOTOR CO LTD [JP]	H02M3/155; B60L11/18; H01M8/00	DC/DC CONVERTER DEVICE, POWER SYSTEM, FUEL CELL VEHICLE AND METHOD FOR ENTERING PHYSICAL VALUES INTO CONTROL UNIT OF DC/DC CONVERTER DEVICE
JP2010000811	JP20080158597 20080618	HONDA MOTOR CO LTD [JP]	B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
US2010021781	JP20080190698 20080724	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M4/82	FUEL CELL POTENTIAL MEASURING APPARATUS AND MANUFACTURING METHOD THEREFOR
ES2332055T	JP20040239695 20040819; JP20040240700 20040820	HONDA MOTOR CO LTD [JP]	B60K1/00; H01M8/04	VEHICULO ELECTRICO CON UNA ESTRUCTURA DE DRENAJE EQUIPADO CON UNA PILA DE COMBUSTIBLE.
US2010015481	JP20060228761 20060825; WO2007JP66321 20070816	HONDA MOTOR CO LTD [JP]	H01M8/18	FUEL CELL AND FUEL CELL MODULE
US2010003564	US20090537488 20090807; JP20030126551 20030501; JP20030126561 20030501; US20040835670 20040430	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M2/08; H01M8/02; H01M8/10; H01M8/24	FUEL CELL
US2010035108	US20090570857	HONDA MOTOR CO LTD [JP]	H01M8/04;	FUEL CELL WITH TRIANGULAR BUFFERS

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	20090930; JP20020313242 20021028; JP20020336742 20021120; JP20020336753 20021120; JP20030360900 20031021; JP20030360907 20031021; US20050533143 20050427; WO2003JP13756 20031028		H01M8/02; H01M8/10	
US2010035104	JP20080206098 20080808	HONDA MOTOR CO LTD [JP]	H01M8/18; C01B3/02	HYDROGEN STORAGE MATERIAL AND METHOD FOR PRODUCING THE SAME
CN101689804	WO2009JP51002 20090122; JP20080026445 20080206	HONDA MOTOR CO LTD [JP]	H02M3/155; B60L3/00; B60L11/18; H01L23/473; H01M8/00	ELECTRIC VEHICLE, AND METHOD FOR COOLING VEHICULAR DC/DC-CONVERTER
CN101677129	JP20080238800 20080918	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/04	FUEL CELL STACK
US2010068600	US20090622128 20091119; JP20030345968 20031003; US20040957230 20041001	HONDA MOTOR CO LTD [JP]	H01M2/00; H01M8/00; H01M8/02; H01M8/04; H01M8/24	FUEL CELL SYSTEM
AT460755T	JP20030419909 20031217; WO2004JP19275	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/00; H01M8/04;	BRENNSTOFFZELLE UND BRENNSTOFFZELLENSTAPEL

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	20041216		H01M8/12; H01M8/24	
AT458285T	JP20030419952 20031217; WO2004JP19273 20041216	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/02; H01M8/04; H01M8/12	BRENNSTOFFZELLE UND BRENNSTOFFZELLENSTAPEL
US2010062311	JP20080145579 20080603	HONDA MOTOR CO LTD [JP]	H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID POLYMER ELECTROLYTE FUEL CELL
US2010055511	JP20080226883 20080904	HONDA MOTOR CO LTD [JP]	H01M8/00; H01M8/04	FUEL CELL SYSTEM
US2010055523	JP20080217017 20080826	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010104902	US20080532614 20080204; JP20070075141 20070322; JP20070075164 20070322; US20070900403P 20070209; US20070900102P 20070208; US20070899099P 20070202; WO2008US52910 20080204	HONDA MOTOR CO LTD [JP]	H01M8/06; H01M8/04; H01M8/10	FUEL CELL SYSTEM
US2010104906	JP20070076558 20070323; JP20080062972 20080312; WO2008JP54978 20080318	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL POWER SUPPLY DEVICE
US2010098986	US20090579520	HONDA MOTOR CO LTD [JP]	H01M8/04;	FUEL CELL

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	20091015; JP20030426327 20031224; JP20040027827 20040204; JP20040048162 20040224; US20040019563 20041223		H01M8/02	
US2010099003	JP20060285218 20061019; JP20060285221 20061019; WO2007JP69532 20071001	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/02	FUEL CELL
US2010092824	JP20060285211 20061019; WO2007JP69898 20071004	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK
AT464668T	JP20030139935 20030519; WO2004JP07108 20040519	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/12; H01M4/86; H01M8/06; H01M8/24	BRENNSTOFFZELLE
EP2174374	WO2008JP62659 20080708; JP20070201244 20070801	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/12	FUEL CELL SYSTEM AND METHOD OF OPERATING THE FUEL CELL SYSTEM
US2010081016	JP20080256226 20081001	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M2/02	FUEL CELL SYSTEM AND METHOD FOR SHUTTING DOWN THE SYSTEM
US2010119905	US20090618197 20091113; JP20010393620	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M2/08	FUEL CELL AND SEPARATOR THEREOF

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	20011226; US20050080889 20050311; US20020328878 20021224			
US2010129690	JP20080302534 20081127	HONDA MOTOR CO LTD [JP]	H01M8/00; H01M8/04; H02J7/04	VEHICULAR POWER SOURCE UNIT
US2010129694	JP20080300713 20081126	HONDA MOTOR CO LTD [JP]	H01M8/10	FUEL CELL
US2010129692	JP20080300321 20081126	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010124682	JP20080296744 20081120	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
EP2186154	WO2008JP65476 20080822; JP20070228213 20070903	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM AND METHOD OF OPERATING THE FUEL CELL SYSTEM
EP2186153	WO2008JP65477 20080822; JP20070228212 20070903	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING THE FUEL CELL SYSTEM
US2010112389	JP20080281275 20081031	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND WARMING UP COMPLETION DETERMINING METHOD FOR THE SAME
US2010112395	JP20070075413 20070322; JP20070075572 20070322; WO2008JP52906 20080214	HONDA MOTOR CO LTD [JP]	H01M8/18; H01M8/04	FUEL CELL SYSTEM
US2010151291	JP20080319419 20081216	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010151290	JP20080320771	HONDA MOTOR CO LTD [JP]	H01M8/00;	FUEL CELL SYSTEM AND METHOD OF STARTING FUEL

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	20081217		H01M8/04	CELL SYSTEM
US2010143757	JP20080310348 20081205	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010136446	US20100702084 20100208; JP20030347194 20031006; US20040958495 20041004	HONDA MOTOR CO LTD [JP]	H01M8/00; H01M8/04; H01M8/10	STOP METHOD FOR FUEL CELL SYSTEM
ES2340382T	JP20030195924 20030711	HONDA MOTOR CO LTD [JP]	B62K11/00; B60K8/00; B62J11/00; B62J99/00; B62M7/02; H01M8/00; H01M8/02; H01M8/04	VEHICULO DE PILA DE COMBUSTIBLE.
JP2010003475	JP20080159901 20080619	HONDA MOTOR CO LTD [JP]; H ONE KK	H01M8/24	FUEL CELL STACK
WO2010071066	JP20080323970 20081219	HONDA MOTOR CO LTD [JP]; ICHIKAWA HIROSHI [JP]	H01M4/86; H01M8/02; H01M8/12; H01M8/24	FUEL CELL
WO2010016384	JP20080200481 20080804	HONDA MOTOR CO LTD [JP]; ISHIDA KENTARO [JP]; ISOBE TAKEAKI [JP]; NANAUMI MASAAKI [JP]; MATSUBARA TAKESHI [JP]	H01M8/02; H01M4/86; H01M8/10	ELECTROLYTE MEMBRANE/ELECTRODE STRUCTURE AND FUEL CELL
WO2010058704	JP20080295388 20081119	HONDA MOTOR CO LTD [JP]; MIYAZAKI TOMIO [JP]; ISHIOKA ATSUSHI [JP]; MUTO GO [JP]	H01M8/04	FUEL CELL SYSTEM OPERATING METHOD
WO2010055813	JP20080288909	HONDA MOTOR CO LTD [JP];	H01M8/04	METHOD OF CONTROLLING FUEL CELL SYSTEM

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	20081111	MUTO GO [JP]; ISHIOKA ATSUSHI [JP]; MIYAZAKI TOMIO [JP]		
WO2010016397	JP20080204201 20080807; JP20080204202 20080807; JP20090118174 20090515	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; FUJISAWA KIMIKO [JP]	H01M8/24	FUEL CELL SYSTEM
WO2010016396	JP20080204203 20080807; JP20080204204 20080807; JP20090118173 20090515	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; FUJISAWA KIMIKO [JP]; YOKOKAWA AYATOSHI [JP]	H01M8/24	FUEL CELL SYSTEM
WO2010026844	JP20080229675 20080908	HONDA MOTOR CO LTD [JP]; SAITO BUNICHI [JP]; MIYAZAKI TOMIO [JP]; FUJISAWA KIMIKO [JP]	H01M8/04; H01M8/12	FUEL CELL SYSTEM
WO2010047422	JP20080274302 20081024; JP20080274303 20081024; JP20080274304 20081024; JP20080274308 20081024	HONDA MOTOR CO LTD [JP]; SONE TOSHIHIRO [JP]	B60L11/18; H01M8/04; H02M3/158	POWER SUPPLY DEVICE AND POWER SUPPLY SYSTEM FOR FUEL CELL VEHICLE
US2010047640	US20080194430 20080819	HONEYWELL INT INC [US]	H01M8/06; C01B3/08	FUEL SOURCE FOR ELECTROCHEMICAL CELL
EP2157648	US20080194457 20080819	HONEYWELL INT INC [US]	H01M8/02; H01M8/00; H01M8/04; H01M8/06;	FUEL CELL BASED POWER GENERATOR

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			H01M8/24	
EP2157647	US20080194473 20080819	HONEYWELL INT INC [US]	H01M8/02; H01M8/00; H01M8/04; H01M8/06; H01M8/24	METHOD OF MANUFACTURING FUEL CELL BASED POWER GENERATOR
US2010073015	US20090632975 20091208; US20060539323 20061006	HONEYWELL INT INC [US]	G01R27/08; G01F17/00; H01M8/18	POWER GENERATION CAPACITY INDICATOR
US2010098987	US20090642104 20091218; US20050222024 20050908; US20040607898P 20040908	HONEYWELL INT INC [US]	H01M8/04; F28D15/00; F28F19/00	CORROSION INHIBITORS, CORROSION INHIBITING HEAT TRANSFER FLUIDS, AND THE USE THEREOF
US2010151355	US20100705423 20100212; US20080335352 20081215	HONEYWELL INT INC [US]	H01M8/22; H01M2/00; H01M8/00	SHAPED FUEL SOURCE AND FUEL CELL
US2010151346	US20100705383 20100212; US20080335352 20081215	HONEYWELL INT INC [US]	H01M8/10; H01M8/00	FUEL CELL
US2010151283	US20080335352 20081215	HONEYWELL INT INC [US]	H01M8/02; B65H81/06	RECHARGEABLE FUEL CELL
CN101621129	CN20081302489 20080630	HONGFUJIN PREC IND SHENZHEN	H01M8/24	FUEL BATTERY PACK
US2010086810	GB20080018320 20081007	HOOD PETER DAVID [GB]; ARIKARA MURALIDHARAN [US]	H01M8/04	FUEL CELL ASSEMBLY
US2010068585	US20050573107 20050805;	HOPPES GLEN [DE]; PUFFER RAYMOND [US]	H01M8/10; B29C65/00	LONG-LIFE MEMBRANE ELECTRODE ASSEMBLIES

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	EP20040018600 20040805; EP20040025081 20041021; US20040620747P 20041021; WO2005EP08488 20050805			
US2010035105	ZA20060010805 20061221; WO2007IB55274 20071221	HUMAN JAN PETRUS [ZA]	H01M8/06; H01M2/26; H01M4/02; H01M4/04; H01M10/05	ELECTRICAL STORAGE DEVICE
CN101656321	CN20091177136 20090927	HUNAN V POWER NEW ENERGY CO LT	H01M8/02	CELL CURRENT COLLECTOR AND REDOX FLOW CELL CONTAINING SAME
CN101656326	CN20091177135 20090927	HUNAN V POWER NEW ENERGY CO LT	H01M8/24	REDOX FLOW CELL STACK
CN101651221	CN20091177137 20090927	HUNAN V POWER NEW ENERGY CO LT	H01M8/18	METHOD FOR PREPARING ELECTROLYTE FOR VANADIUM CELL
CN101651223	CN20091162545 20090803	HUNAN V POWER NEW ENERGY CO LT	H01M8/24	REDOX FLOW CELL STACK
CN101651216	CN20091162543 20090803	HUNAN V POWER NEW ENERGY CO LT	H01M8/02	RECEIVING FRAME FOR REDOX FLOW CELL AND REDOX FLOW CELL STACK CONTAINING SAME
CN101651222	CN20091162540 20090803	HUNAN V POWER NEW ENERGY CO LT	H01M8/24	REDOX FLOW CELL STACK AND ASSEMBLY METHOD THEREOF
US2010092808	US20090572510 20091002; CA20002324431 20001025; US20060606231 20061130; US20030381843 20030926;	HYDRO QUEBEC [CA]	B32B5/16; B01J20/02; B01J20/08; B01J20/20; B01J20/22; B32B9/04; B32B27/06; C01B31/04;	POTATO-SHAPED GRAPHITE PARTICLES WITH LOW IMPURITY RATE AT THE SURFACE, METHOD FOR PREPARING THE SAME

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	WO2001CA01511 20011024		G01N7/00; G01N27/407; H01M2/02; H01M4/04; H01M4/133; H01M4/58; H01M4/583; H01M4/62; H01M8/00; H01M10/00; H01M10/0525; H01M10/36	
KR20100027701	KR20080086715 20080903	HYOSUNG CORP [KR]	H01M8/04; H01M8/10	PREPARING METHOD OF GAS DIFFUSION LAYER FOR FUEL CELL
KR20100027452	KR20080086385 20080902	HYOSUNG CORP [KR]	H01M8/04	WATER TRAP FOR FUEL CELL
KR20100036022	KR20080095447 20080929	HYOSUNG CORP [KR]	H01M8/04	POWER CONTROLLING METHOD OF FUEL CELL AND FUEL CELL SYSTEM
KR20100036021	KR20080095446 20080929	HYOSUNG CORP [KR]	H01M8/04; H01M10/42	POWER CONTROLLING METHOD OF FUEL CELL AND FUEL CELL SYSTEM
KR20100070809	KR20080129520 20081218	HYOSUNG CORP [KR]	H01M8/12; H01M8/02	TUBULAR SOLID OXIDE FUEL CELL AND FABRICATION METHOD THEREOF
KR20100057965	KR20080116605 20081124	HYOSUNG CORP [KR]	H01M8/10; H01M2/20	FLAT TUBULAR SOLID OXIDE FUEL CELL WITH MULTI-CELL STRUCTURE
AT457532T	IT2003PV00006 20030624; WO2004EP51207 20040623	HYSYTECH S R L [IT]; HENERGY S R L [IT]	H01M4/86; C25B1/12; C25B15/00; H01M8/04; H01M8/18	ELEKTROCHEMISCHER THERMO-DYNAMO
AT466384T	US20040861416 20040607; WO2005CA00887 20050607	HYTEON INC [CA]	H01M8/04; H01M8/02; H01M8/24	BRENNSTOFFZELLENSTAPEL MIT GLEICHMÄSSIG VERTEILENDEN GASVERTEILERN

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KR20100062093	KR20080120527 20081201	HYUN DAI HEAVY IND CO LTD [KR]	H01M8/04; F02B75/28	FUEL CELL SYSTEM USING TURBOCHARGER AND EXHAUST GAS OF RECIPROCATING ENGINE
KR100938023B	KR20090071019 20090731	HYUNDAI HYSKO [KR]	H01M8/02; H01M8/24	AIR COOLED METAL SEPARATOR FOR FUEL CELL AND FUEL CELL STACK USING THE AIR COOLED METAL SEPARATOR
US2010028742	KR20060100502 20061016; KR20070006475 20070122; WO2007KR02704 20070604	HYUNDAI HYSKO [KR]	H01M8/04; H01M2/08	METAL SEPARATOR FOR FUEL CELL AND FUEL CELL STACK HAVING THE SAME
CN101682049	WO2008KR00508 20080128; KR20070060634 20070620	HYUNDAI HYSKO [KR]	H01M8/02	STAINLESS STEEL SEPARATOR FOR FUEL CELL HAVING M/MNX AND MOYNZ LAYER AND METHOD FOR MANUFACTURING THE SAME
KR100953273B	KR20090071020 20090731	HYUNDAI HYSKO [KR]	H01M8/02; H01M8/24	METAL SEPERATOR FOR FUEL CELL AND FUEL CELL STACK HAVING THE SAME
KR20100001162	KR20080060970 20080626	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18; H01M8/06	PRESSURE CONTROL ACTUATOR ASSEMBLY FOR HYDROGEN SUPPLY SYSTEM
KR20100008496	KR20080069013 20080716	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	DEVICE COMBINED WATER TRAP AND PURGING VALVE OF FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
KR20100005767	KR20080065804 20080708	HYUNDAI MOTOR CO LTD [KR]	B60L11/18; H01M8/04; H01M8/24	METHOD FOR CONTROLLING FUEL CELL OUTPUT OF FUEL CELL HYBRID VEHICLE
KR20100004495	KR20080064688 20080704	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; H01M4/86; H01M8/04	METHOD FOR BONDING MEA AND GDL OF FUEL CELL STACK
KR20100001390	KR20080061277 20080627	HYUNDAI MOTOR CO LTD [KR]	B60L11/18; B60L7/10; H01M8/04	METHOD FOR CONTROLLING FUEL CELL OUTPUT OF FUEL CELL HYBRID VEHICLE
CN101630745	KR20080069773	HYUNDAI MOTOR CO LTD	H01M8/02	METALLIC BIPOLAR PLATE FOR FUEL CELL AND METHOD

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	20080717	[KR]		FOR FORMING SURFACE LAYER THEREOF
DE102008044340	KR20080069327 20080716	HYUNDAI MOTOR CO LTD [KR]	H01M8/02; C23C8/26	METALLIC BIPOLAR PLATE FOR FUEL CELL, HAS SURFACE LAYER STRUCTURE HAVING SEQUENTIAL LAMINATION OF NITROGEN IMPLANTED LAYER AND IRON OXIDE SURFACE OXIDATION LAYER FORMED ON SURFACE OF STAINLESS STEEL BASE MATERIAL
US2010009219	KR20080065805 20080708	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	IDLE STOP-START CONTROL METHOD OF FUEL CELL HYBRID VEHICLE
KR20100020393	KR20080079154 20080812	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; F02M35/12	AIR BLOWER FOR FUEL CELL SYSTEM
KR20100016860	KR20080076501 20080805	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18	STRUCTURE OF HYDROGEN SUPPLY CHAMBER USING MULTI-EJECTOR AND HYDROGEN SUPPLY ASSEMBLY COMPRISING THE SAME
KR20100010580	KR20080071510 20080723	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; F01N1/00	MUFFLER FOR FUEL CELL
KR20100025083	KR20080083700 20080827	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18	CONTROLLING METHOD FOR FUELCELL COOLING SYSTEM IN FUELCELL BUS
KR20100025026	KR20080083621 20080827	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	HUMIDIFICATION DEVICE AND FOR FUEL CELL SYSTEM
US2010086821	KR20080097559 20081006	HYUNDAI MOTOR CO LTD [KR]	H01M8/10; B05D3/00; H01M4/00	ELECTRODE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY, AND METHODS FOR MANUFACTURING THE SAME
KR20100038541	KR20080097557 20081006	HYUNDAI MOTOR CO LTD [KR]	H01M4/88; H01M8/04	MANUFACTURING METHOD AND APPARATUS OF CATALYST SLURRY FOR FUEL CELL
US2010089672	KR20080099844 20081010	HYUNDAI MOTOR CO LTD [KR]	B60W10/28; B60W20/00	POWER CONFIGURATION SYSTEM FOR FUEL CELL HYBRID VEHICLE AND METHOD FOR CONTROLLING THE SAME
KR20100057105	KR20080115981 20081121	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	DEVICE FOR CONTROLLING APS OF FUEL CELL SYSTEM
KR20100056940	KR20080115963 20081120	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/06	FUEL CELL SYSTEM PROVIDED WITH SUB-PURGE VALVE AND COLD START METHOD OF THE SAME
KR20100054975	KR20080113845 20081117	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; G01R17/02	COLD STARTING ESTIMATING METHOD OF FUEL CELL SYSTEM AND COLD STARTING DETECTING SENSOR

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				THEREOF
KR20100052058	KR20080110923 20081110	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/06	DRAIN CONTROL METHOD FOR WATER TRAP
KR20100051511	KR20080110709 20081107	HYUNDAI MOTOR CO LTD [KR]	B60L11/18; H01M8/04	METHOD FOR STARTING FUEL CELL VEHICLE
KR20100051508	KR20080110706 20081107	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18	WATER TRAP SYSTEM FOR FUEL CELL VEHICLE
KR20100051189	KR20080110221 20081107	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	PRESSURE CONTROL DEVICE OF FUEL CELL SYSTEM
KR20100047513	KR20080106443 20081029	HYUNDAI MOTOR CO LTD [KR]	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL
KR20100047058	KR20080106147 20081028	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	FUEL CELL HYBRID SYSTEM USING MULTI-STACK STRUCTURE
KR20100045788	KR20080104889 20081024	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M4/86	ALIGN DEVICE FOR MEMBRANE ELECTRODE ASSEMBLY
KR20100044933	KR20080103923 20081023	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/06	DEVICE AND METHOD FOR CONTROLLING APS OF FUEL CELL SYSTEM
US2010129689	KR20080117428 20081125	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	SYSTEM AND METHOD FOR ACTIVATING FUEL CELL
KR20100059098	KR20080117745 20081125	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	COLD START METHOD OF FUEL CELL SYSTEM
KR20100059084	KR20080117728 20081125	HYUNDAI MOTOR CO LTD [KR]	H01M8/02; H01M8/24	SEPARATING PLATE FOR FUEL CELL
KR20100058867	KR20080117433 20081125	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/06	METHOD FOR CONTROLLING WATER EXHAUST FROM THE WATER TRAP OF FUEL CELL SYSTEM
KR20100058740	KR20080117251 20081125	HYUNDAI MOTOR CO LTD [KR]	F02B39/14; F02B39/00; H01M8/04	AIR SUPPLY SYSTEM FOR IMPROVING COLD START PERFORMANCE IN FUEL CELL VEHICLE
KR20100058739	KR20080117249 20081125	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	AIR SEPARATOR FOR FUEL CELL
KR20100058341	KR20080117105 20081124	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; F24F3/14	HUMIDIFICATION SYSTEM FOR FUEL CELL
US2010040913	KR20080079751	HYUNDAI MOTOR CO LTD	H01M8/04;	APPARATUS AND METHOD FOR DETERMINING

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	20080814; KR20080079752 20080814	[KR]; INDUSTRY ACADEMY COOPERATION F [KR]	B01J19/00; G01N33/00	DETERIORATION OF A FUEL CELL AND METHOD FOR PREVENTING DETERIORATION OF THE SAME
KR20100001399	KR20080061290 20080627	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; H01M8/02	DEVICE AND METHOD FOR MEASURING PERFORMANCE OF FUEL CELL MEMBRANE
KR20100042187	KR20080101357 20081015	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; B60L11/18; H01M8/24	THERMAL MANAGEMENT SYSTEM FOR FUEL CELL VEHICLE
KR20100042186	KR20080101356 20081015	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; H01M8/02	FLOW GUIDE STRUCTURE OF FLUID PASS PARTS FOR FUEL CELL VEHICLE
KR20100037400	KR20080096712 20081001	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	F01P11/00; H01M8/04	RESERVOIR TANK FOR COOLANT OF FUEL CELL VEHICLE
US2010116363	KR20080110710 20081107	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	F16K31/12; H01M8/04	WATER RESERVOIR FOR VEHICLE HAVING DRAIN VALVE OPERATED BY TRAVELING WIND
KR20100060430	KR20080119018 20081127	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; H01M8/24	CONTROLLED THERMAL MANAGEMENT SYSTEM IN FUEL CELL APPLICATION
KR20100058737	KR20080117247 20081125	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02; B32B5/22; B60L11/18	GAS DIFFUSION LAYER WITH IMPROVED OPERATIONAL STABILITY FOR FUEL CELL
KR20100047517	KR20080106450 20081029	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]; KOREA INST OF SCIENCE AND TECH [KR]	H01M4/88; C23C14/00; H01M8/10	FABRICATION METHOD OF NANO STRUCTURED SURFACE(NSS) ON PROTON EXCHANGE MEMBRANE(PEM) AND MEMBRANE ELECTRODE ASSEMBLY(MEA) FOR FUEL CELLS
KR20100030709	KR20080089556 20080911	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/24	BIPOLEARPLATE FOR FUEL CELL STACK
KR20100030697	KR20080089541 20080911	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/24	END PLATE FOR FUEL CELL STACK
KR20100044411	KR20080103539 20081022	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]; KIA MOTORS CORP [KR]	H01M8/04	MANUFACTURING METHOD FOR METALLIC SEPARATOR USING INCREMENTALLY SYNCHRONIZED RAPID RUBBER FORMING PROCESS

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US2010143758	US20080328846 20081205	HYUNDAI MOTOR CO LTD [KR]; PENN STATE UNIVERSITY	H01M8/04	FUEL CELL BIPOLAR PLATE FOR PREVENTING FLOODING
KR20100007704	US20080218111 20080710	HYUNDAI MOTOR CO LTD [KR]; UNIV AUBURN [US]	H01M8/04; H01M8/24	AIR AND COOLANT CIRCUIT CONFIGURATIONS AND CONTROL OF FUEL CELL SYSTEMS AS POWER SOURCE IN AUTOMOTIVE, STATIONARY, AND PORTABLE APPLICATIONS
KR20100021049	KR20080079752 20080814	HYUNDAI MOTOR CO LTD [KR]; UNIV SUNCHON NAT IND ACAD COOP [KR]	H01M8/04; H01M8/24	METHOD FOR PREVENTING DETERIORATION OF FUEL CELL
US2010098977	KR20080103002 20081021	HYUNDAI MOTOR CORP	H01M8/04; H01M2/02	CURRENT COLLECTOR OF END PLATE FOR FUEL CELL AND METHOD FOR CONTROLLING THE SAME
KR20100009923	KR20080070753 20080721	HYUNDAI ROTEM CO [KR]	H01M8/04	EJECTOR FOR HYDROGEN RECIRCULATION DEVICE
US2010021353	US20090574151 20091006; US20050228637 20050916	IDATECH LLC [US]	B01J19/00	SELF-REGULATING FEEDSTOCK DELIVERY SYSTEMS AND HYDROGEN-GENERATING FUEL PROCESSING ASSEMBLIES AND FUEL CELL SYSTEMS INCORPORATING THE SAME
US2010040918	US20090604157 20091022; US20060474024 20060623; US20030600808 20030620; US20020392482P 20020627	IDATECH LLC [US]	B01D53/22; C01B3/26; B01D53/047; B01J8/02; B01J8/04; B01J10/00; B01J23/06; B01J23/26; B01J23/70; B01J35/02; C01B3/32; C01B3/40; C01B3/50; C01B3/56; H01M8/04;	METHANOL STEAM REFORMING CATALYSTS, STEAM REFORMERS, AND FUEL CELL SYSTEMS INCORPORATING THE SAME

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			H01M8/06	
EP2151003	WO2008US06398 20080519; US20070755608 20070530	IDATECH LLC [US]	H01M8/12	SYSTEMS AND METHODS FOR STARTING AND OPERATING FUEL CELL SYSTEMS IN SUBFREEZING TEMPERATURES
EP2150999	WO2007US13173 20070604; US20070755227 20070530	IDATECH LLC [US]	H01M8/04	FUEL CELL SYSTEMS WITH MAINTENANCE HYDRATION BY DISPLACEMENT OF PRIMARY POWER
US2010055518	US20090546579 20090824; US20080092038P 20080826; US20080110693P 20081103	IDATECH LLC [US]	H01M8/04; H01M8/18	HYDROGEN-PRODUCING ASSEMBLIES, FUEL CELL SYSTEMS INCLUDING THE SAME, METHODS OF PRODUCING HYDROGEN GAS, AND METHODS OF POWERING AN ENERGY-CONSUMING DEVICE
US2010055508	US20080199252 20080827	IDATECH LLC [US]	H01M8/00; H01M8/18	FUEL CELL SYSTEMS WITH WATER RECOVERY FROM FUEL CELL EFFLUENT
US2010081023	US20090630762 20091203; US20070750833 20070518; US20060802715P 20060522	IDATECH LLC [US]	H01M8/04; B01J19/00	HYDROGEN-PRODUCING FUEL PROCESSING SYSTEMS WITH A LIQUID LEAK DETECTION SYSTEM
US2010136453	US20100701757 20100208; US20050229365 20050916	IDATECH LLC [US]	H01M8/04	THERMALLY PRIMED HYDROGEN-PRODUCING FUEL CELL SYSTEM
US2010136448	US20100698024 20100201; US20050117078 20050427; US20010872776 20010601;	IDATECH LLC [US]	H01M8/04; H01M8/06; H01M8/08	SYSTEM AND METHOD FOR OPTIMIZING FUEL CELL PURGE CYCLES

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	US19990414048 19991006			
US2010112397	JP20070102898 20070410; WO2008JP56588 20080402	IDEMITSU KOSAN CO [JP]	B01J23/06; B01D53/62; B01J23/72; H01M8/06	CATALYST PRECURSOR SUBSTANCE, AND CATALYST USING THE SAME
JP2010007780	JP20080168744 20080627	IHI AEROSPACE CO LTD	F17B1/26; F17C1/00; H01M8/00; H01M8/04; H01M8/06	GAS TANK AND GAS USING DEVICE WITH IT
WO2010010705	JP20080191803 20080725	IHI CORP [JP]; IHI METALTECH CO LTD [JP]; TAZOE NOBUHIRO [JP]	H01M8/02; B21D13/04; B21D43/00; B21D53/00; H01M8/10	METHOD AND PLANT FOR MANUFACTURING SEPARATOR IN SOLID POLYMER FUEL CELL
US2010040933	JP20060239426 20060904; WO2007JP65877 20070808	IIZUKA KAZUTAKA [JP]; SUZUKI MASAKAZU [JP]; MATSUKAWA MASANORI [JP]	H01M8/02; H01M2/14	FUEL CELL SEPARATOR, METHOD FOR MANUFACTURING THE FUEL CELL SEPARATOR, AND FUEL CELL
EP2200115	ES20080003627 20081219	IKERLAN CT DE INVESTIGACIONES [ES]	H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL WITH METAL SUPPORT
US2010098979	JP20060352272 20061227; WO2007JP75381 20071226	IMAMURA TOMONORI [JP]	H01M8/04	FUEL CELL SYSTEM AND MOVING BODY USING THE FUEL CELL SYSTEM
US2010047630	JP20060286219 20061020; WO2007JP69405 20070927	IMANISHI HIROYUKI [JP]; MANABE KOTA [JP]; OGAWA TOMOYA [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND ITS OPERATION METHOD
EP2156500	WO2008EP55827 20080513; GB20070009244	IMP INNOVATIONS LTD [GB]	H01M8/12; H01M8/06	FUEL CELL FOR USE IN ELECTRICITY GENERATION FROM A SOLID CARBONACEOUS SUBSTRATE

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	20070514			
WO2010010363	GB20080013669 20080725	IMP INNOVATIONS LTD [GB]; BISMARCK ALEXANDER [GB]; SHIRSHOVA NATASHA [GB]; GREENHALGH EMILE SMITH [GB]; STEINKE JOACHIM [GB]; SHAFFER MILO SEBASTIAN PETER [GB]	H01M8/10; H01G9/02; H01M10/052; H01M10/056; H01M10/0567	ELECTROLYTE
US2010021792	US20090576472 20091009; JP20010369791 20011204; US20040860031 20040604; WO2002JP12641 20021203	INAGAKI TORU [JP]; YOSHIDA HIROYUKI [JP]; SASAKI TSUNEHISA [JP]; MIURA KAZUHIRO [JP]; FUKUI TAKEHISA [JP]; OHARA SATOSHI [JP]; HOSOI KEI [JP]; HOSHINO KOJI [JP]; ADACHI KAZUNORI [JP]	C01G15/00; H01M8/10; C01G51/00; H01M4/86; H01M4/88; H01M6/18; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
KR20100037913	KR20080097257 20081002	IND ACADEMIC COOP [KR]	H01M8/02; H01M4/86; H01M4/92; H01M8/04	INORGANIC COMPOSITE PROTON CONDUCTING ELECTROLYTE, METHOD FOR MANUFACTURING THE SAME, MEA AND INTERMEDIATE TEMPERATURE FUEL CELL USING THE SAME
US2010068584	US20090624429 20091124; TW20060138689 20061020; US20070842176 20070821	IND TECH RES INST [TW]	H01M8/04; H01M2/02	FLAT FUEL CELL ASSEMBLY
US2010055515	US20090615203 20091109; TW20050119975 20050616; US20060437100 20060519	IND TECH RES INST [TW]	H01M8/04	FUEL SUPPLY CONTROL METHOD AND SYSTEM FOR FUEL CELLS
DE102009002889	TW20080142457	IND TECH RES INST [TW]	H01M8/02	BRENNSTOFFZELLENFLUIDSTRÖMUNGSPLATTE MIT

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	20081104			EINEM H ³ LSENDURCHGANGSST ³ CK
US2010159299	TW20080150135 20081222	IND TECH RES INST [TW]	H01M8/10; H01M8/04	PASSIVE FUEL CELL ASSEMBLY
US2010143765	TW20080147161 20081204	IND TECH RES INST [TW]	H01M8/04; H01M2/02	FUEL CELL STACK
KR20100012552	KR20080074014 20080729	INDUSTRY FOUNDATION OF UINDYK [KR]	H01M8/04	TEST SYSTEM FOR THE FUEL CELL
WO2010066802	DE200810061807 20081211	INFICON GMBH [DE]; SEITZ SANDRA [DE]; WIDT RUDI [DE]	H01M8/04; G01M3/22	METHOD FOR CHECKING THE SEAL OF A STACK OF FUEL CELLS
KR20100013003	KR20080074480 20080730	INHA IND PARTNERSHIP INST [KR]	H01M4/86; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY FOR HIGH CONCENTRATION METHANOL FUEL CELLS
KR20100051261	KR20080110326 20081107	INHA IND PARTNERSHIP INST [KR]; YUSHINPREC IND CO LTD [KR]	H01M8/02; H01M8/04	HYBRID BIPOLAR PLATE FOR PROTON-EXCHANGE MEMBRANE FUEL CELL AND METHOD THEREOF
EP2182573	DE200810052531 20081031	INHOUSE ENGINEERING GMBH [DE]	H01M8/24; H01M8/04	PEM FUEL CELL STACK
EP2143162	WO2008US59146 20080402; US20070909681P 20070402	INI POWER SYSTEMS INC [US]	H01M8/04; H01M8/02; H01M8/08; H01M8/10	MICROFLUIDIC FUEL CELLS
AT458549T	FR20050008184 20050729	INST FRANCAIS DU PETROLE [FR]	B01J23/10; B01J8/10; B01J19/28; B01J21/06; B01J23/34; B01J23/70; C01B3/38; H01M8/06	NEUES REDOXMATERIAL FÜR EIN REDOX-KREISLAUFVERFAHREN
EP2166602	EP20080105300 20080911; EP20080166424 20081013	INST OF NUCLEAR ENERGY RES [TW]	H01M4/88; H01M8/12	THE FORMULATION OF NANO-SCALE ELECTROLYTE SUSPENSIONS AND ITS APPLICATION PROCESS FOR FABRICATION OF SOLID OXIDE FUEL CELL-MEMBRANE ELECTRODE ASSEMBLY (SOFC-MEA)

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US2010003547	TW20080126322 20080701	INST OF NUCLEAR ENERGY RES [TW]	H01M8/00	METHOD FOR SUPPLYING FUEL TO FUEL CELL
AT456163T	EP20040253080 20040525	INST OF NUCLEAR ENERGY RES [TW]	H01M8/10	VERFAHREN ZUR HERSTELLUNG EINER MEMBRAN-ELEKTRODENANORDNUNG EINER BRENNSTOFFZELLE DURCH EIN DRUCKVERFAHREN
US2010098996	TW20080139656 20081016	INST OF NUCLEAR ENERGY RES [TW]	H01M8/10; B05D1/10; H01M8/00	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
US2010098984	TW20080140409 20081022	INST OF NUCLEAR ENERGY RES [TW]	H01M8/12; H01M2/02	LOAD DEVICE FOR SOFC STACK AND A HIGH-TEMPERATURE FURNACE USING THE SAME
KR20100005479	KR20080065527 20080707	INST SCIENCE & TECH KWANGJU [KR]	H01M4/88; H01M4/86; H01M8/02	METHODS FOR FABRICATING ELECTRODE AND MEA FOR FUEL CELL
KR20100021111	KR20080079847 20080814	INST SCIENCE & TECH KWANGJU [KR]	H01M8/16; H01M8/02	MICROBIAL FUEL CELL STRUCTURE HAVING A PLURALITY OF UNIT CELLS CONSISTING OF SIDES OF EACH PILAR, AND MICROBIAL FUEL CELL HAVING THE STURCTURE
KR20100058243	KR20080116988 20081124	INST SCIENCE & TECH KWANGJU [KR]	H01M8/10; C08J5/22; H01M4/86; H01M4/88	PLOYMER MEMBRANE, METHOD FOR MANUFACTURING THE MEMBRANE AND MEMBRANE ELECTRODE ASSEMBLY INCLUDING THE MEMBRANE
EP2161773	EP20070731980 20070305; GB20060004241 20060303	INTELLIGENT ENERGY LTD [GB]	H01M8/04	REHYDRATION OF FUEL CELLS
MX2010003384	GB20070018763 20070926; WO2008GB03225 20080923	INTELLIGENT ENERGY LTD [GB]	H01M8/04	FUEL CELL SYSTEM.
MX2010003383	GB20070018761 20070926; WO2008GB03256 20080925	INTELLIGENT ENERGY LTD [GB]	H01M8/04; F16K11/10	FUEL CELL SYSTEM WITH CATHODE PURGE UPON SHUT-DOWN.

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AT465524T	GB20060008894 20060505; WO2007GB01573 20070430	INTELLIGENT ENERGY LTD [GB]	H01M8/02; H01M8/04	BRENNSTOFFZELLENFLUID-VERTEILERPLATTEN
GB2464946	GB20080019863 20081030	INTELLIGENT ENERGY LTD [GB]	H01M8/04	FUEL CELL COOLING
US2010133029	US20090565980 20090924	ISE CORP [US]	B60W10/28; B60W20/00; G06F19/00; H01M8/04	SYSTEM AND METHOD FOR INITIATING OPERATION OF A FUEL CELL HYBRID VEHICLE
US2010104905	JP20060296605 20061031; WO2007JP70512 20071016	ISHIKAWA NORIMASA [JP]	H01M8/04	FUEL CELL SYSTEM
US2010003574	JP20060052227 20060228; JP20060165503 20060615; JP20060354062 20061228; JP20070024660 20070202; WO2007JP53639 20070227	ISOMURA TAKENORI [JP]; KISHINO MASAYUKI [JP]; FUKUTA KENJI [JP]	H01M8/02; C08J5/22	SEPARATION MEMBRANE FOR DIRECT LIQUID FUEL CELL AND METHOD FOR PRODUCING SAME
NZ547328	GB20030029459 20031219; WO2004GB05347 20041220	ITM FUEL CELLS LTD	C25B15/02; C25B1/10; C25B15/08; H01M8/04; H01M8/06; H01M8/10	METHOD OF PERFORMING ELECTROCHEMICAL REACTION
GB2461623	GB20080012214 20080703	ITM POWER [GB]	H02K31/02; C25B1/04; C25B15/08;	ELECTROCHEMICAL PROCESS USING A FARADAY DYNAMO ELECTRIC MACHINE

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			H01M8/00	
GB2461390	GB20080012017 20080701	ITM POWER [GB]	H01M8/10; C25B9/10	COMPOSITE ELECTROCHEMICAL CELL
GB2462367	GB20080014480 20080807	ITM POWER [GB]	H01M8/10	FUELLING SYSTEM
KR20100021100	KR20080079831 20080814	IUCF HYU [KR]	H01M8/04; H01M8/10	METHOD FOR PREDICTION SOLVENT ACTIVITY IN POLYMER ELECTROLYTE MEMBRANE AND SYSTEM FOR PERFORMING THE SAME
US2010035103	US20090508032 20090723; US20080083092P 20080723	JACKSON GERALD PETER [US]; BABCOCK JASON RYAN [US]; ZLOTNICKI JOSEPH MATTHEW [US]	H01M8/04; B01J19/00; C01B3/24; C01B3/26; C01B31/02; F02B43/08; F02C6/00; F23D14/00; H01L31/00; H01L35/34; H01M8/18	HYDROGEN EXTRACTION
AT452452T	US20040538646P 20040122; US20050036240 20050114; WO2005US01322 20050118	JADOO POWER SYSTEMS INC [US]	H02J7/04; H01M8/00; H01M8/04; H01M8/12; H01M8/18; H01M10/44; H02J7/00; H02J7/06; H02J7/16; H02J7/24; H02J7/35	BRENNSTOFFZELLE-LEISTUNGS- UND - VERWALTUNGSSYSTEM UND STEUER- UND BETRIEBSSYSTEM DAFÜR
AT470964T	NL20031024573 20031020; WO2004NL00739	JANSSEN CATHARINA P [NL]	H01M8/16; C12Q1/00; C12Q1/26;	SUSPENSION ZUR ERZEUGUNG EINES STROMS VON ELEKTRONEN SOWIE DEREN VERWENDUNG UND PRÄPARATION

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	20041019		C12Q1/54; G01N27/26; G01N27/40	
JP2010006660	JP20080169523 20080627	JAPAN ENERGY CORP [JP]	C01B3/26; B01J23/44; B01J23/96; C01B3/00	HYDROGEN STORING APPARATUS AND HYDROGEN STORING METHOD
JP2010006654	JP20080169034 20080627	JAPAN ENERGY CORP [JP]	C01B3/38; H01M8/06; H01M8/12	METHOD FOR OPERATING OXIDATION AUTOTHERMAL REFORMING APPARATUS
JP2010006650	JP20080168959 20080627	JAPAN ENERGY CORP [JP]	C01B3/38; H01M8/06; H01M8/12	METHOD FOR OPERATING OXIDATION AUTOTHERMAL REFORMING APPARATUS
EP2202204	WO2008JP65970 20080904; JP20070232366 20070907	JAPAN ENERGY CORP [JP]	C01F7/02; B01J20/02; C10G25/00; C10G25/05; H01M8/06	SOLID ACID, PROCESS FOR PRODUCING THE SOLID ACID, METHOD FOR DESULFURIZING HYDROCARBON OIL USING SOLID ACID AS DESULFURIZING AGENT
JP2010020964	JP20080178961 20080709	JAPAN FINE CERAMICS CT	H01M8/02; C01B33/12; H01M8/12	SEALING MATERIAL, METHOD OF MANUFACTURING THE SAME, AND SOLID OXIDE FUEL CELL USING ITS SEALING MATERIAL
JP2010005515	JP20080166389 20080625	JAPAN GORE TEX INC [JP]	B01D69/12; B01D63/08; B01D71/32; B01D71/36; B01D71/38	COMPOSITE MEMBRANE AND MOISTURE CONTENT REGULATION MODULE USING SAME
EP2154744	WO2008JP59611 20080520; JP20070141797 20070529	JAPAN GORE TEX INC [JP]	H01M8/02; H01B13/00; H01M8/10	PROCESS FOR PRODUCING SOLID POLYMER ELECTROLYTE MEMBRANE, AND SOLID POLYMER ELECTROLYTE MEMBRANE
EP2144318	WO2008JP53721 20080226; JP20070115951	JAPAN GORE TEX INC [JP]	H01M8/02; C08J5/22; H01B13/00;	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE FOR SOLID POLYMER FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY FOR SOLID

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	20070425		H01M4/86; H01M8/10	POLYMER FUEL CELL, AND SOLID POLYMER FUEL CELL
KR20100047890	JP20070210076 20070810	JAPAN GORE TEX INC [JP]	H01M8/02; C08J5/22; H01M8/10	REINFORCED SOLID POLYMER ELECTROLYTE COMPOSITE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL, AND SOLID POLYMER FUEL CELL
WO2010053164	JP20080283323 20081104	JAPAN GORE TEX INC [JP]; KOBAYASHI TORU [JP]; TAKAGI YASUO [JP]	H01M4/86; H01M8/02; H01M8/06; H01M8/10	FUEL CELL
IL166572	WO2002JP07972 20020805; WO2003JP09886 20030804	JAPAN GOVERNMENT [JP]; SUNAGAWA KENJI; SUGIMACHI MASARU; INAGAKI MASASHI	H04N5/44; A61N1/32; A61N1/36; A61N1/362; A61N1/368; A61N1/372; A61N1/378; H01M8/16; H04B1/16; H04N5/00; H04N7/025; H04N7/03; H04N7/035	ULTRAMINIATURE INTEGRATED CARDIAC PACEMAKER AND DISTRIBUTED PACING SYSTEM
JP2010015835	JP20080175075 20080703	JAPAN VILENE CO LTD	H01M4/86; H01M8/02	GAS DIFFUSION LAYER, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
US2010119885	WO2007US16679 20070725	JAYNE DAVID D [US]	H01M8/00; H01M8/04	TAILORED HEAT TRANSFER CHARACTERISTIC OF FUEL CELL COOLERS
NZ555404	US20050048388 20050201; WO2005US35888 20051006	JD HOLDING INC	H02J3/40; H01M8/18	METHOD FOR RETROFITTING WIND TURBINE FARMS
KR20100020050	KR20080078686 20080812	JEONBUK TECHNOPARK [KR]	H01M8/04; H01M8/02	MIXTURE FOR MANUFACTURING SELF-HEALING FUEL CELL BIPOLAR PLATE AND FUEL CELL BIPOLAR PLATE

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KR20100020049	KR20080078683 20080812	JEONBUK TECHNOPARK [KR]	H01M8/04; B82B3/00; C01B31/02; H01M8/02	MANUFACTURING METHOD OF CNT BULKY PAPER, CNT BULKY PAPER USING IT AND BIPOLAR PLATES FOR THE FUEL CELL
JP2010013684	JP20080173047 20080702	JFE STEEL CORP	C23C22/34; C23C8/42	STAINLESS STEEL FOR CONDUCTIVE COMPONENT HAVING LOW CONTACT ELECTRIC RESISTANCE, AND METHOD FOR PRODUCING THE SAME
CN101651219	CN20091034645 20090904	JIANGSU INFORMATION RES CT	H01M8/18	VANADIUM-CHROMIUM DOUBLE FLOW BATTERY
CN101667652	CN20091034881 20090911	JIANGSU INFORMATION RES CT	H01M8/24	LONG-LIFE SINGLE LIQUID FLOW CELL
CN101630748	CN20091183784 20090809	JIANGSU XINYUAN POWER CO LTD	H01M8/02	PREPARATION DEVICE OF FLEXIBLE GRAPHITE WATER FLOW FIELD
CN101630747	CN20091183783 20090809	JIANGSU XINYUAN POWER CO LTD	H01M8/02	METAL BIPOLAR PLATE OF AIR-COOLING TYPE FUEL CELL STACK
KR20100029587	KR20080088422 20080908	JISUNG HEAVY IND CO LTD [KR]	H01M8/08	WATER BATTERY
US2010086831	GB20060014909 20060727; WO2007GB50427 20070720	JOHNSON MATTHEY PLC [GB]	B01J23/44; B01J23/46; C09D11/00; H01M4/00; H01M4/88; H01M8/10	CATALYST
EP2168187	WO2008GB50467 20080619; GB20070011882 20070620	JOHNSON MATTHEY PLC [GB]	H01M4/86; B01J35/00; H01M4/88; H01M4/92; H01M8/10	CATALYST LAYER
GB2464707	GB20080019402 20081023	JOHNSON MATTHEY PLC [GB]	H01M8/10	ION - CONDUCTING MEMBRANE STRUCTURES
KR20100058590	GB20070018620 20070925	JOHNSON MATTHEY PLC [GB]	H01M4/86; H01M4/92; H01M8/02;	MEMBRANE ELECTRODE ASSEMBLY

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US2010009232	GB20060017806 20060911; WO2007GB50534 20070911	JOHNSON MATTHEY PLC [GB]; MAST CARBON INTERNAT LTD [GB]; C2 CHANDLER CONSULTING [GB]	H01M8/10	FUEL CELL ASSEMBLY
US2010047658	GB20060011736 20060614; WO2007GB02224 20070614	JOHNSON MATTHEY PLC [GB]; UNIV READING [GB]	H01M8/10; B01J31/00	ION-CONDUCTING MEMBRANE
IL165714	US20020059606 20020610; WO2003US17683 20030604	JOHNSON RES & DEV COMPANY INC [US]	H01M8/06; H01M8/18; H01M10/46; H01M14/00; H01M16/00	ELECTROCHEMICAL CONVERSION SYSTEM
JP2010013625	JP20080145803 20080603; JP20090015652 20090127	JSR CORP [JP]	C08G61/12; H01B1/06; H01M8/02	POLYMER AND PROTON CONDUCTIVE MEMBRANE
EP2154173	WO2008JP59053 20080516; JP20070132995 20070518	JSR CORP [JP]	C08G61/00; H01B1/06; H01B1/12; H01M8/02; H01M8/10	NOVEL AROMATIC COMPOUND, AND POLYARYLENE COPOLYMER HAVING NITROGEN-CONTAINING HETEROCYCLIC RING CONTAINING SULFONIC ACID GROUP IN SIDE CHAIN
JP2010010075	JP20080170925 20080630	JSR CORP [JP]; HONDA MOTOR CO LTD [JP]	H01M4/86; C08G61/12; H01M8/10	ELECTRODE ELECTROLYTE FOR SOLID POLYMER FUEL CELL, AND ELECTRODE VARNISH, ELECTRODE PASTE AND MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME
JP2010009912	JP20080167201 20080626	JSR CORP [JP]; HONDA MOTOR CO LTD [JP]	H01M4/86; C08G61/12; H01M8/10	ELECTRODE ELECTROLYTE FOR SOLID POLYMER FUEL CELL, AND ELECTRODE VARNISH, ELECTRODE PASTE AND MEMBRANE ELECTRODE ASSEMBLY USING THE SAME
EP2157644	WO2008JP59068	JSR CORP [JP]; HONDA	H01M4/86;	ELECTRODE ELECTROLYTE FOR POLYMER FUEL CELL

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	20080516; JP20070133086 20070518	MOTOR CO LTD [JP]	C08G65/334; C08G85/00; H01M8/02; H01M8/10	AND USE THEREOF
US2010068581	JP20070135699 20070522; WO2008IB01263 20080521	JUFUKU YASUNOBU [JP]	H01M8/04; H01M2/02	MOBILE UNIT HAVING FUEL CELL
US2010062305	JP20070081407 20070327; WO2008JP56282 20080325	KADOTANI SATOSHI [JP]; YAMADA NOBUHIRO [JP]; KAWAHARA TATSUYA [JP]; HATANAKA TETSUYA [JP]	H01M8/10; B05D5/12; H01M4/86	ELECTRODE CATALYST LAYER FOR FUEL CELL AND METHOD OF PRODUCING THE SAME
WO2010044145	WO2008JP68617 20081015	KAJIMA CORP [JP]; YAMAZAWA AKIRA [JP]; UENO YOSHIYUKI [JP]; TATARA MASAHIRO [JP]; KITAJIMA YOJI [JP]; WATANABE KAZUYA [JP]; SHIMOYAMA TAKEFUMI [JP]; ISHII TOSHIKAZU [JP]; KOMUKAI SHOKO [JP]	H01M8/16; H01M8/02	MICROBIAL FUEL CELL AND MEMBRANE CASSETTE FOR MICROBIAL FUEL CELLS
US2010040910	JP20060240867 20060905; WO2007JP67304 20070905	KAJINO TSUTOMU [JP]; SETOYAMA NORIHIKO [JP]; UEMURA KEIKO [JP]; KATO HISAO [BE]; KANO KENJI [JP]; TSUJIMURA SEIYA [JP]; SAKURAI TAKESHI [JP]; KATAOKA KUNISHIGE [JP]	H01M4/60; C12N9/02; C25B11/06; H01L31/00; H01M4/00; H01M8/00; H01M10/44	ELECTROCATALYST AND ENZYMATIC ELECTRODE
US2010028738	JP20060284163 20061018; WO2007JP70508 20071016	KAJIWATA SHIGETO [JP]	H01M8/04	FUEL CELL SYSTEM
JP2010003571	JP20080162169	KANEKA CORP	H01M8/02;	POLYMER ELECTROLYTE

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	20080620		C08G75/23; H01B1/06; H01B13/00; H01M4/86; H01M8/10	
US2010006596	JP20060317601 20061124; WO2007JP72485 20071114	KANIE NAOKI [JP]	F17C7/00	FUEL SUPPLY SYSTEM
US2010035107	JP20070277163 20071025; JP20070332474 20071225; WO2008JP69176 20081016	KANIE NAOKI [JP]; OKUYOSHI MASAHIRO [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
US2010021782	JP20070025904 20070205; WO2008JP51803 20080205	KANNO YOSHIHITO [JP]	H01M8/04	FUEL CELL SYSTEM
JP2010008211	JP20080167608 20080626	KANSAI ELECTRIC POWER CO	G01K7/00; F27D21/00; F27D21/04; G01K3/14; G01N25/00; G21C17/00	TEMPERATURE-MONITORING DEVICE
US2010104900	JP20070068276 20070316; JP20070147649 20070604; JP20070185209 20070717; WO2008JP54736 20080314	KASHINO HIROSHI [JP]; YOSHIMOTO NORIHISA [JP]; UGAWA KOHEI [JP]; SAIBARA SHOJI [JP]	H01M8/06; H01M8/10	FUEL CELL POWER GENERATION SYSTEM

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US2010068578	JP20060354664 20061228; WO2007JP75383 20071226	KATANO KOJI [JP]	H01M8/04	FUEL CELL SYSTEM
US2010151343	JP20050217129 20050727; WO2006JP315257 20060726	KATANO KOJI [JP]; SUOMATSU KOIGO [JP]; TOMOSADA NOBUHIRO [JP]	H01M8/04	FUEL CELL SYSTEM AND GAS LEAKAGE DETECTION DEVICE
US2010062319	JP20060317071 20061124; WO2007JP72486 20071114	KATANO KOJI [JP]; TESHIMA NOBUTAKA [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM AND FUEL CELL HYBRID VEHICLE
US2010015492	JP20060176761 20060627; WO2007JP62920 20070627	KATAYAMA YUKIHISA [JP]	H01M8/10; H01M4/82	TUBULAR FUEL CELL AND PRODUCTION METHOD THEREOF
US2010040923	JP20070000497 20070105; WO2007JP75225 20071220	KATO CHISATO [JP]	H01M8/04; H01M8/10; H01M8/24	HEAT INSULATION CELL FOR FUEL CELL AND MANUFACTURING METHOD OF THE SAME
US2010155163	DE200810063088 20081224	KAUPERT ANDREAS [DE]	B60L11/18; G01C21/00; H01M8/00; H01M8/04; H01M8/18	OPERATING PROCESS FOR A FUEL CELL SYSTEM
US2010143759	DE200810063540 20081210	KAUPERT ANDREAS [DE]; MUNZNER MARKUS [DE]; SCHLOSS JOERG VOM [DE]	H01M8/04	MODULAR FUEL CELL SYSTEM
US2010003565	JP20050361199 20051215; WO2006JP325118 20061211	KAWABATA TATSUO [JP]	H01M8/10	FUEL CELL AND GASKET
US2010068591	JP20070002773	KAWAMURA TETSUO [US]	H01M8/10;	FUEL CELL CATALYST, FUEL CELL CATHODE AND

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	20070110; WO2008JP50469 20080109		H01M4/00	POLYMER ELECTROLYTE FUEL CELL INCLUDING THE SAME
WO2010010764	JP20080192707 20080725	KAWASHIMA YASUSHI [JP]	C01B31/04; C01B31/02; H01B12/00; H01F6/06	ROOM-TEMPERATURE SUPERCONDUCTOR, PERFECT CONDUCTOR, PROTON CONDUCTOR, FERROMAGNET AND ELECTROMAGNETIC COIL, AND METHODS FOR PRODUCING THESE MATERIALS
KR20100060478	KR20080119080 20081127	KEFICO CORP [KR]; HYUNDAI MOTOR CO LTD [KR]	B60L11/18; H01M8/00	ELECTRONIC CONTROL UNIT FOR A FUEL CELL CAR HAVING A SELF START FUNCTION DURING THE STOP OF STARTING
KR20100058995	KR20080117600 20081125	KEFICO CORP [KR]; HYUNDAI MOTOR CO LTD [KR]	H01R33/76; B60L11/18; H01M8/04; H01M8/24	CONNECTOR FOR MEASURING CELL VOLTAGE OF FUEL CELL STACK FOR VEHICLES
JP2010001931	JP20080159711 20080618	KEIHIN CORP; HONDA MOTOR CO LTD [JP]	F16K31/06; F16K15/16; F16K27/00; F16K51/00	VALVE DEVICE
JP2010003628	JP20080163310 20080623	KEIO GIJUKU	H01M8/04; H01M8/10	MEASURING DEVICE FOR FUEL CELL, AND FUEL CELL SYSTEM
HU0800609	HU20080000609 20081010	KEKESI MARTON [HU]	B60L9/00; B60L8/00; B60L9/18; H01M8/00	RAIL VEHICLE FUELLED WITH HYDROGEN
US2010003552	US20090560967 20090916; US20070787998 20070418	KELLY SEAN MICHAEL [US]; BLAKE GARY [US]	H01M8/04	SOFC POWER SYSTEM WITH A/C SYSTEM AND HEAT PUMP FOR STATIONARY AND TRANSPORTATION APPLICATIONS
US2010092833	US20090603017 20091021; DE19991019881 19990430; US20060348870	KERRES JOCHEN [DE]; HAERING THOMAS [DE]; HAERING RIMA [DE]	B01D53/22; H01M8/00; B01D61/02; B01D61/14; B01D61/24;	COMPOSITES AND COMPOSITE MEMBRANES

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	20060206; US20010984564 20011030; WO2000EP03910 20000502		B01D61/36; B01D69/12; B01D69/14; B01D71/00; B01D71/02; B01D71/06; B01D71/62; B01D71/66; B01D71/68; B01J21/16; B01J31/06; B01J31/10; B01J35/00; B01J35/06; C01B33/38; C01B33/44; C08J5/20; C08J5/22; C08K3	
US2010143807	US20070441959 20070924; US20060846346P 20060922; WO2007US79261 20070924	KHASIN ERNST [IL]; ZABAN ARIE [IL]	B01J23/50; B01J31/00; C25B9/06; C25B11/06; H01M4/02; H01M4/60; H01M8/22	POROUS CLUSTERS OF SILVER POWDER PROMOTED BY ZIRCONIUM OXIDE FOR USE AS A CATALYST IN GAS DIFFUSION ELECTRODES, AND METHOD FOR THE PRODUCTION THEREOF
KR20100026027	KR20080084836 20080829	KIM YEON DUK [KR]	H01M8/22; H01M8/04	A PORTABLE METAL FUEL CELL
US2010035112	KR20060110447 20061109; WO2007KR05648 20071109	KIM YOUNG JUNG [KR]; CHUNG DONG-TEAK [KR]	H01M8/10	SOLID OXIDE FUEL CELL
US2010003563	JP20050154025	KIMATA MITSURU [JP]	H01M8/04	FUEL CELL SYSTEM

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	20050526; WO2006JP311037 20060526			
US2010136379	US20080326171 20081202	KING ROBERT DEAN [US]; RICHTER TIMOTHY GERARD [US]	H01M8/04; H02J1/10; H02J1/12; H05K13/00	APPARATUS FOR HIGH EFFICIENCY OPERATION OF FUEL CELL SYSTEMS AND METHOD OF MANUFACTURING SAME
JP2010021150	JP20090198938 20090806	KISHIMOTO YASUKUNI	H01M4/04; B01F3/18; B01F5/00; B01F15/02; B01F15/04	BATTERY MIXTURE POWDER, PROPORTIONAL PREPARATION OF POWDER SUCH AS TONER, MIXTURE, FORMATION, FILLING-UP METHOD, ITS DEVICE, SECONDARY BATTERY, AND TONER
US2010047639	DE200710011195 20070306; DE200810000417 20080227; WO2008EP52673 20080305	KLUGE CLAUS PETER [DE]; BEDNARZ MARC [DE]; FRANK ERWIN [DE]; GIENAPP ALEXANDER [DE]; HUPPMANN GERHARD [DE]	H01M8/04	METHOD FOR THE ENVIRONMENTALLY SOUND DISPOSAL OF AIR/SOLVENT MIXTURES USING A FUEL CELL SYSTEM AND RECOVERY UNIT
US2010068587	JP20060333452 20061211; WO2007JP01230 20071109	KOBAYASHI KENJI [JP]; SEKINO SHOJI [JP]	H01M8/10	SOLID POLYMER FUEL CELL
US2010055527	JP20060314511 20061121; WO2007JP01187 20071030	KOBAYASHI KENJI [JP]; SEKINO SHOJI [JP]	H01M8/10	SOLID POLYMER FUEL CELL
US2010035118	JP20060344895 20061221; JP20070245917 20070921; WO2007JP73913 20071212	KOBE SEIKO SHO KOBE STEE LTD K [JP]	H01M8/02; C22F1/00; C23C14/34; H01M2/16	ALLOY FILM FOR A METAL SEPARATOR FOR A FUEL CELL, A MANUFACTURING METHOD THEREOF AND A TARGET MATERIAL FOR SPUTTERING, AS WELL AS A METAL SEPARATOR, AND A FUEL CELL
CN101641819	JP20070102053	KOBE STEEL LTD [JP]	H01M8/02	METALLIC SEPARATOR FOR FUEL CELL AND PROCESS

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	20070409			FOR PRODUCING THE METALLIC SEPARATOR
DE102008037028	DE200810037028 20080808	KOEHNE STEPHAN [DE]	H01M8/04	STARTING CIRCUIT FOR FUEL CELL SYSTEM, HAS REFORMER FOR REACTION OF GASEOUS HYDROCARBON WITH AIR, AND BURNER FOR HEATING FUEL CELL SYSTEM, WHERE ADDITIONAL AIR IS SUPPLIED TO REFORMER DURING ACHIEVING OF STARTING TEMPERATURE IN REFORMER
DE102008048376	DE200810048376 20080922	KOEHNE STEPHAN [DE]	H01M8/06	FUEL CELL SYSTEM FOR POWER AND/OR HEAT GENERATION, HAS OXYGEN PROVIDED BY HIGH TEMPERATURE SOLID OXIDE FUEL CELL, CARBON DI-OXIDE PRODUCED AND SUBSEQUENTLY LIQUEFIED DURING REACTION OVER CARBON DI-OXIDE SEPARATION UNIT
DE102008045147	DE200810045147 20080901	KOEHNE STEPHAN [DE]	H01M8/06	FUEL CELL I.E. HIGH-TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL, SYSTEM FOR GENERATION OF E.G. CURRENT, HAS BLOWER SUPPLYING RESIDUAL GAS BURNER WITH OXIDANT, AND BYPASS VALVE DISCHARGING PARTIAL FLOW OF CATHODE EXHAUST GAS STREAM
WO2010023622	EP20080163245 20080829	KONINKL PHILIPS ELECTRONICS NV [NL]; VAN BRUGGEN MICHEL P B [NL]; EVERAERTS FRANCISCUS J L [NL]; KRIJNSEN HENDRIKA C [NL]; IORDANOV VENTZESLAV P [NL]	A61M5/142; A61M5/14; H01M8/00	DRUG MIXING DEVICE AND DRUG DELIVERY DEVICE
KR20100048635	KR20080107891 20081031	KOOKMIN UNIVERSITY INDUSTRY AC [KR]	H01M8/04; C01B3/24	NATURAL GAS REFORMER FOR FUELCELL WITH HIGH THERMAL EFFICIENCY
KR20100048634	KR20080107890 20081031	KOOKMIN UNIVERSITY INDUSTRY AC [KR]	C01B3/36; C01B3/48; H01M8/04; H01M8/06	MIXING SYSTEM FOR AUTO THERMAL REACTION REFORMER WITH HIGH REACTION EFFICIENCY
US2010021779	KR20080073354	KOREA ADVANCED INST SCI	H01M8/18	SOLID OXIDE FUEL CELL SYSTEM INTEGRATED WITH

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	20080728	& TECH [KR]		REFORMER
US2010104897	KR20080105294 20081027	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/04	FUEL PROCESSING METHOD FOR SOLID OXIDE FUEL CELL SYSTEM
US2010104899	KR20080105272 20081027	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/06	UNIFIED FUEL PROCESSING REACTOR FOR SOLID OXIDE FUEL CELL
KR20100012716	KR20080074264 20080729	KOREA ADVANCED INST SCI & TECH [KR]	B01J27/18; B01J27/14; C01B3/16; H01M8/00	TRANSITION METAL BASED CATALYSTS INCLUDING PHOSPHORUS FOR HYDROGEN GENERATION FROM HYDROLYSIS OF AMMONIA-BORANE AND MANUFACTURING METHOD THEREOF
KR20100029321	KR20080088059 20080908	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/24	METAL SUPPORTED SOLID OXIDE FUEL CELL
KR20100050687	KR20080109694 20081106	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10; H01M8/04	FABRICATION METHOD OF METAL SUPPORTED SOLID OXIDE FUEL CELL
KR20100067179	KR20080125631 20081211	KOREA ADVANCED INST SCI & TECH [KR]	B63G8/00; B63G8/08; H01M8/22	SUBMARINE FUEL CELL DEVICE USING HYDROGEN PEROXIDE DECOMPOSITION
KR20100059030	KR20080117656 20081125	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/10	SLURRY FOR ADHESIVE LAYER OF METAL-SUPPORTED SOLID OXIDE FUEL CELLS
KR20100059015	KR20080117631 20081125	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10; H01M8/04	FABRICATION METHOD OF METAL-SUPPORTED SOLID OXIDE FUEL CELLS AND METAL-SUPPORTED SOLID OXIDE FUEL CELLS
KR20100002360	KR20080062218 20080630	KOREA EAST WEST POWER CO LTD [KR]	H01M8/04; H01M8/06	HYBRID POWER PLANT SYSTEM USING FUEL CELL GENERATION AND THERMOELECTRIC GENERATION
KR20100052888	KR20080111771 20081111	KOREA ELECTRIC POWER CORP [KR]	H01M8/04; H01M8/24	HEAT EXCHANGER ARRAY FOR SOLID FUEL CELL POWER GENERATION SYSTEM
KR20100048553	KR20080107769 20081031	KOREA ELECTRIC POWER CORP [KR]	H01M8/02; H01M8/10	SEPERATOR FOR HIGH TEMPERATURE FUEL CELLS
KR100940233B	KR20090094514 20091006	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; G01L23/00	APPARATUS FOR DETECTING LEAK IN FUEL CELLS
KR20100027622	KR20080086613 20080903	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; H01M4/86; H01M8/10	BIPOLAR PLATE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELLS AND PREPARING PROCESS THEREOF
KR20100026770	KR20080085900	KOREA ENERGY RESEARCH	H01M8/04	AUTOMATIC CONTROL METHOD OF THE HYDROGEN

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	20080901	INST [KR]		RECIRCULATION SYSTEM USING A MULTI-EJECTOR
KR20100024545	KR20080083154 20080826	KOREA ENERGY RESEARCH INST [KR]	H01M8/12; H01M4/86	CUBIC YTTERBIA STABILIZED ZIRCONIA AND SOLID OXIDE FUEL CELL USING THEM
KR20100052104	KR20080110985 20081110	KOREA ENERGY RESEARCH INST [KR]	H01M8/10; C08J5/22; C08J9/22	POLYMER ELECTROLYTE COMPOSITE MEMBRANE CROSSLINKED BY WATER SOLUBLE MONOMERS FOR POLYMER ELECTROLYTE FUEL CELLS AND PREPARATION METHOD THEREOF
US2010124684	KR20080113155 20081114	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; H01M2/24	HEATING DEVICE OF METALLIC INTERCONNECT FOR SOLID OXIDE FUEL CELL AND COATING METHOD OF THE INTERCONNECT USING THE SAME
KR100963529B	KR20100037320 20100422	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; B60L11/18	ELECTRIC STATION AND CHARGING SYSTEM WITH FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
KR100964823B	KR20090101440 20091023	KOREA ENERGY RESEARCH INST [KR]	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELLS WITH HIGH FREEZE/THAW DURABILITY
KR20100064138	KR20080122570 20081204	KOREA ENERGY RESEARCH INST [KR]; DOOSAN HEAVY IND & CONSTR [KR]	H01M8/04; B01J23/42; H01M8/06	CATALYTIC COMBUSTOR FOR MOLTEN CARBONATE FUEL CELL(MCFC)
WO2010053290	KR20080110321 20081107	KOREA ENERGY RESEARCH INST [KR]; JUNG DOO-HWAN [KR]; KIM SANG-KYUNG [KR]; LEE BYUNG-ROK [KR]; LIM SEONG-YOP [KR]; PECK DONG-HYUN [KR]; HYUN MIN- SOO [KR]; PARK YOUNG- CHUL [KR]	H01M8/02	SEPARATOR WITH ZIGZAG FLOW CHANNELS FOR A FUEL CELL
KR20100065564	KR20080123945 20081208	KOREA GAS CORP [KR]	H01M8/04; C10K3/02; C10L3/10	FUEL REFORMER
KR20100070757	KR20080129446 20081218	KOREA IND TECH INST [KR]	H01M8/04; H02N2/02	APPARATUS FOR SUPPLYING AIR OF FUEL CELL
US2010021775	KR20060104568 20061026; WO2006KR05356	KOREA INST OF SCIENCE AND TECH [KR]	H01M12/00; H01M8/00	APPARATUS FOR PORTABLE FUEL CELLS AND OPERATING METHOD THEREOF

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	20061208			
KR20100032023	KR20080090965 20080917	KOREA INST OF SCIENCE AND TECH [KR]	H01M8/10; H01M8/24	UNIT CELL OF HONEYCOMB-TYPE SOLID OXIDE FUEL CELL, STACK USING THE UNIT CELL AND METHOD FOR MANUFACTURING THE UNIT CELL AND STACK
KR20100040606	KR20080099816 20081010	KOREA INST OF SCIENCE AND TECH [KR]	H01M4/86; H01M8/18	ELECTRODE FOR SOLUBLE LEAD ACID REDOX FLOW BATTERY AND SOLUBLE LEAD ACID REDOX FLOW BATTERY USING THE SAME
KR20100035300	KR20080094595 20080926	KOREA INST OF SCIENCE AND TECH [KR]	H01M8/10; H01M8/02	SOLID OXIDE FUEL CELLS WITH A PLANAR BANDED ARRAY OF UNIT CELLS
KR20100034259	KR20080093297 20080923	KOREA INST OF SCIENCE AND TECH [KR]	H01M4/86; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY INCLUDING GUARDING GASKET
US2010092832	KR20080100491 20081014	KOREA INST OF SCIENCE AND TECH [KR]	H01M8/10; B05D1/04; B05D5/12; C09D1/00	METHOD FOR PREPARING METAL OXIDE SOL, METHOD FOR PREPARING METAL OXIDE THIN FILM USING SAID SOL, AND SOLID OXIDE FUEL CELL COMPRISING SAID THIN FILM
AT470248T	KR20050092581 20050930	KOREA INST OF SCIENCE AND TECH [KR]	H01M8/12; H01M4/86; H01M4/88	PASTE FÜR EINE ANODENGETRAGENE FESTOXID-BRENNSTOFFZELLE UND HERSTELLUNGSMETHODE DAFÜR
KR20100023177	KR20080081804 20080821	KOREA MACH & MATERIALS INST [KR]	H01M8/02; H01M8/04	A SEPERATOR FOR FUEL CELL AND MANUFACTURING METHOD THEREOF
KR20100062456	KR20080121098 20081202	KOREA MACH & MATERIALS INST [KR]	H01M8/02; C08J5/22; H01M8/10	DENSE COMPLEX OXIDES FILMS COMPRISING CONDUCTIVE OXIDES AND NON-CONDUCTIVE OXIDES, METHOD FOR PREPARING THE SAME, AND METALLIC INTERCONNECTOR USING THE SAME
WO2010024577	KR20080084548 20080828	KOREA MARITIME UNIVERSITY INDU [KR]; JEONJU UNIVERSITY OFFICE OF IN [KR]; SONG YOUNG- CHAE [KR]; YOO KYU-SEON [KR]; LEE SONG-KEUN [KR]	H01M8/16	FLOATING-ANODE MICROBIAL FUEL CELL WITH THIN-LAYER HORIZONTAL FLOW
KR20100026237	KR20080085162 20080829	KOREA RES INST CHEM TECH [KR]	C08G75/23; C08G61/12; C08G65/334;	SULFONATED POLY(ARYLENE ETHER SULFONE) CONTAINING PHOTOCROSSLINKABLE FUNCTIONAL GROUP, MANUFACTURING METHOD OF PROTON

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			H01M8/10	CONDUCTING POLYMER MEMBRANES USING IT AND POLYMER ELECTROLYTE FUEL CELL HAVING PROTON CONDUCTING POLYMER MEMBRANES
KR20100058952	KR20080117551 20081125	KOREA RES INST CHEM TECH [KR]	C08G61/12; C08G75/20; H01M8/10	INTRAMOLECULAR IONIC CROSS-LINKABLE COPOLYMER, MANUFACTURING METHOD OF POLYMER MEMBRANES USING IT AND POLYMER ELECTROLYTE FUEL CELL HAVING POLYMER MEMBRANES
HU0800494	HU20080000494 20080805	KOVACS TAMAS [HU]; SCHNEIDER GYOERGY [HU]	H01M8/16; G01N27/26	DIAGNOSTIC METHODS BASED ON FUEL-CELLS AND APPARATUS FOR DETECTING ANTIBIOTIC RESISTANCE
HK1097577	WO2004JP15354 20041018; JP20030359203 20031020	KUBOTA KK [JP]	B01J19/02; C01B3/38	HEAT-RESISTANT CAST STEEL FOR REACTION TUBE FOR HYDROGEN PRODUCTION BEING EXCELLENT IN AGING DUCTILITY AND CREEP RUPTURE STRENGTH
KR20100060329	KR20080118895 20081127	KUMOH NAT INST OF TECHNOLOGY I [KR]	H01M8/04; H01M8/24	OPERATING METHOD IN FUEL CELL SYSTEM
US2010098997	JP20070012738 20070123; WO2008JP50274 20080111	KURARAY CO [JP]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE AND PROCESS FOR PREPARATION THEREOF, AND MEMBRANE-ELECTRODE ASSEMBLY AND POLYMER ELECTROLYTE FUEL CELL
WO2010067743	JP20080316473 20081212	KURARAY CO [JP]; ONO TOMOHIRO [JP]; NAKANO TAKESHI [JP]; YAMASHITA TAKETOMO [JP]; KUBO KEIJI [JP]; SUGOH NOZOMU [JP]	H01M8/02; H01B1/06; H01M8/10	LAMINATED ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
EP2157646	WO2008JP60061 20080530; JP20070147641 20070604	KURARAY CO [JP]; TOKYO INST TECH [JP]	H01M8/02; C08F297/04; H01B1/06; H01M8/10	POLYMER ELECTROLYTE, POLYMER ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
WO2010047329	JP20080274874 20081024; JP20080301810 20081127; JP20080310279	KURARAY CO [JP]; UNIV NAGOYA NAT UNIV CORP [JP]; NAKANO TAKESHI [JP]; ONO TOMOHIRO [JP]; SUGOH NOZOMU [JP]; KUBO KEIJI	H01M8/02; H01B1/06; H01M8/10	ORGANIC-INORGANIC COMPOSITE ELECTROLYTE, ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL

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	20081204	[JP]; HIBINO TAKASHI [JP]; HEO PILWON [JP]		
AT458281T	JP20010142391 20010511; WO2002JP04542 20020510	KUREHA CORP [JP]	H01M8/02; B29C45/00; H01M8/10	SEPARATOR FÜR EINE BRENNSTOFFZELLE DES FESTPOLYMERTYPS UND VERFAHREN ZU DEREN HERSTELLUNG
JP2010015820	JP20080174670 20080703	KURITA WATER IND LTD [JP]	H01M8/04; H01M8/00	DIRECT METHANOL FUEL CELL SYSTEM AND PORTABLE ELECTRONIC APPARATUS USING THE SAME
JP2010009772	JP20080164611 20080624	KURITA WATER IND LTD [JP]	H01M4/90; H01M8/16	BIOGENERATOR, AND METHOD OF MANUFACTURING METHOD THEREOF
JP2010003587	JP20080162481 20080620	KURITA WATER IND LTD [JP]	H01M8/04; H01M8/00	DIRECT METHANOL TYPE FUEL CELL SYSTEM AND MOBILE ELECTRONIC APPARATUS USING THE SAME
US2010098995	JP20060278162 20061011; JP20060278163 20061011; JP20060278164 20061011; JP20060278165 20061011; WO2007JP69687 20071009	KURITA WATER IND LTD [JP]	H01M8/10	DIRECT METHANOL FUEL CELL SYSTEM AND PORTABLE ELECTRONIC DEVICE
US2010092827	JP20070089151 20070329; JP20070275734 20071023; WO2008JP55503 20080325	KURITA WATER IND LTD [JP]	H01M8/10	DIRECT METHANOL FUEL CELL SYSTEM USING SOLID METHANOL, PORTABLE ELECTRONIC DEVICE USING SAME, AND FUEL CARTRIDGE FOR DIRECT METHANOL FUEL CELL SYSTEM
WO2010071059	JP20080321003 20081217	KURITA WATER IND LTD [JP]; FUKASE TETSURO [JP]	H01M8/16; H01M8/04; H01M8/10	MICROBIAL ELECTRICITY-GENERATING METHOD AND MICROBIAL ELECTRIC GENERATOR
WO2010050354	JP20080280104 20081030	KURITA WATER IND LTD [JP]; FUKASE TETSURO [JP];	H01M8/16	MICROBIAL POWER GENERATION METHOD AND MICROBIAL POWER GENERATION DEVICE

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		ORITA NOBUHIRO [JP]		
US2010015475	JP20060237113 20060901; WO2007IB02504 20070831	KURUNGOT SREEKUMAR [JP]; ISHIMARU HIROKAZU [JP]	H01M8/04	SOLID POLYMER FUEL CELL AND METHOD FOR ACTIVATING SAME
JP2010015960	JP20080195476 20080701	KYC SOLUTIONS CO LTD; KRI INC	H01M8/02; C08G18/65; C08G18/87; H01B1/06	ELECTROLYTE FILM FOR FUEL CELL
JP2010009922	JP20080167407 20080626	KYOCERA CORP [JP]	H01M8/04	FUEL CELL DEVICE
JP2010009752	JP20080164071 20080624	KYOCERA CORP [JP]	H01M8/04; H01M8/06	FUEL CELL DEVICE
US2010119906	JP20070195915 20070727; JP20080017241 20080129; WO2008JP55981 20080327	KYOCERA CORP [JP]	H01M8/04	FUEL CELL MODULE
US2010151344	JP20050286306 20050930; JP20060053686 20060228; JP20060098737 20060331; WO2006JP319558 20060929	KYOCERA CORP [JP]	H01M8/04	FUEL CELL AND ELECTRONIC DEVICE INCLUDING THE FUEL CELL
US2010151348	JP20050271858 20050920; WO2006JP318642 20060920	KYOCERA CORP [JP]	H01M8/10	FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
US2010086813	JP20060234640 20060830;	KYOCERA CORP [JP]; CASIO COMPUTER CO LTD [JP]	H01M8/18; B01J19/00	REACTION APPARATUS, FUEL CELL SYSTEM AND ELECTRONIC DEVICE

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	JP20060234641 20060830; JP20060234642 20060830; JP20060234645 20060830; WO2007JP66801 20070829			
US2010097311	JP20060234642 20060830; JP20060234644 20060830; JP20060234645 20060830; WO2007JP66803 20070829	KYOCERA CORP [JP]; CASIO COMPUTER CO LTD [JP]	G09G5/00; C01B3/32; H01M8/18	REACTION APPARATUS, FUEL CELL SYSTEM AND ELECTRONIC DEVICE
US2010112394	JP20060234642 20060830; JP20060234643 20060830; JP20060234645 20060830; WO2007JP66802 20070829	KYOCERA CORP [JP]; CASIO COMPUTER CO LTD [JP]	H01M8/18; B01J7/00	REACTION APPARATUS, FUEL CELL SYSTEM AND ELECTRONIC DEVICE
WO2010050330	JP20080278111 20081029; JP20090075739 20090326	KYOCERA CORP [JP]; MURAMATSU HIROKI [JP]	H01M8/02; H01M4/86; H01M4/88; H01M8/04; H01M8/12	FUEL BATTERY CELL, FUEL BATTERY MODULE, FUEL BATTERY DEVICE AND METHOD FOR MANUFACTURING FUEL BATTERY CELL
JP2010016000	JP20090211877 20090914	KYOCERA CORP [JP]; TOKYO GAS CO LTD [JP]	H01M8/24; H01M4/86; H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL BATTERY CELL STACK, BUNDLE, FUEL CELL, AND MANUFACTURING METHOD OF FUEL CELL STACK

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US2010124677	US20080274472 20081120	LEACH DAVID [US]; CHEN MICHAEL L [US]; CARLSTORM JR CHARLES M [US]; MINAS CONSTANTINOS [US]; BROWN KEITH G [US]; MILLER ROBERT [US]; PRUEITT JAMES K [US]; MESCHTER JOHN E [US]; CHAUGULE AMIT [US]; MARVIN RUSSEL H [US]; MENDRICK MARK C [US]	H01M8/04; H01M4/02	DIRECT OXIDATION FUEL CELL SYSTEM WITH UNIFORM VAPOR DELIVERY OF FUEL
DE102009034409	US20080135691P 20080723; US20090486847 20090618	LEAR CORP [US]	H01M10/48; H01M8/04	BATTERIE ³ BERWACHUNGSSYSTEM
DE112007002922T	KR20060120312 20061201; WO2007KR05851 20071121	LEE YONG HUN [KR]; HYEUK SUH JUNG [KR]; TAIK SUH JOON [KR]	H01M8/02	MIT NICKEL BESCHICHTETES TRENNELEMENT FÜR EINE BRENNSTOFFZELLE UND HERSTELLUNGSVERFAHREN DAFÜR
AT467452T	DE200610036496 20060728; WO2007EP57280 20070713	LEIBNIZ INST POLYMERFORSCHUNG [DE]	B01D71/82; B01D71/68; C08G75/20; C08G75/23; C08J5/22; H01M8/22	SULFONIERTE POLYARYLENVERBINDUNGEN, MEMBRANMATERIAL DARAUS, VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG
DE102008047000	DE200710015079 20070329; DE200810047000 20080912	LEITHNER REINHARD [DE]; SCHLITZBERGER CHRISTIAN [DE]	H01M8/02	VERFAHREN ZUM BETRIEB UND KONSTRUKTION EINER SOFC MIT INTEGRIERTEN WÖRMETAUSCHERN, INTEGRIERTER REFORMIERUNG ODER VERGASUNG, INTEGRIERTER ANODENABGASRÜCKFÜHRUNG, INTEGRIERTER WÖRMEAUSKOPPLUNG, KOMBINierter GASVORWÖRMUNG UND RESTGASABTRENNUNG UND -RÜCKFÜHRUNG SOWIE CO ₂ -ABSCHEIDUNG
KR20100065775	KR20080124286	LEOMOTORS INC [KR]; LEE	H01M8/24;	ZINC-AIR FUEL CELL STACK ASSEMBLY

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	20081208	JUNG YONG [KR]	H01M8/04	
WO2010068007	KR20080124286 20081208; KR20090027689 20090331	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	H01M12/06; H01M8/04; H01M8/24	ZINC AIR FUEL CELL STACK ASSEMBLY
US2010040511	US20040586163 20041027; US20010814912 20010323; US20000237491P 20001004	LESIEUR ROGER R [US]	B01J8/18; B01F5/04; B01J8/00; B01J8/02; B01J8/04; B01J19/00; B01J19/24; C01B3/32; C01B3/38; H01M8/06	FUEL GAS REFORMER ASSEMBLAGE
KR20100050423	KR20080108773 20081104	LG CHEMICAL LTD [KR]	C08G61/12; C08G75/20; C08J5/22; H01M8/10	POLYMER ELECTROLYTE MEMBRANE
WO2010053297	KR20080108773 20081104; KR20090105949 20091104	LG CHEMICAL LTD [KR]; CHOI SEONG-HO [KR]; LEE WON-HO [KR]	C08G61/12; C08L65/00; H01M8/02; H01M8/10	POLYMER ELECTROLYTE MEMBRANE
US2010047656	US20080194326 20080819	LI XIAOHONG S [US]; SINGH PRABHAKAR [US]; ZHOU XIAO-DONG [US]	H01M8/10; B05D5/12	DENSE GD-DOPED CERIA LAYERS ON POROUS SUBSTRATES AND METHODS OF MAKING THE SAME
DE102008062038	DE200810062038 20081212	LIEBHERR AEROSPACE GMBH [DE]	H01M8/04; B64D47/00	NOTENERGIESYSTEM FÜR EIN FLUGZEUG
DE102008060791	DE200810060791 20081205	LIEBHERR AEROSPACE GMBH [DE]	H01M8/04; B64D41/00	ENERGIESYSTEM
EP2183808	WO2008US09293 20080801; US20070888943	LILLIPUTIAN SYSTEMS INC [US]	H01M4/88; H01M8/12	CHEMICALLY SINTERED COMPOSITE ELECTRODES AND MANUFACTURING PROCESSES

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	20070803			
US2010062292	TW20080134819 20080911	LIN JIA-HONG [TW]; WANG YUI-HSIANG [TW]; CHIH CHUNG-WEN [TW]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
DE102008038056	DE200810034419 20080723; DE200810038056 20080816	LINDE AG [DE]	H01M8/04	ELECTRICITY GENERATING METHOD, INVOLVES SEPARATING AIR IN OXIDE-CERAMIC MEMBRANE REACTOR INTO OXYGEN-RICH CONTENT AND OXYGEN-POOR CONTENT BY USING MIXTURE-CONDUCTIVE CERAMIC MEMBRANE
DE102008034420	DE200810034420 20080723	LINDE AG [DE]	H01M8/04	ELECTRO-CHEMICAL POWER SOURCE E.G. SOLID OXIDE FUEL CELL, OPERATING METHOD FOR ELECTRICITY GENERATION, INVOLVES UTILIZING OXYGEN-RICH RESIDUAL GAS, WHERE RESIDUAL GAS IS ACCUMULATED IN CRYOGENIC AIR SEPARATOR TO PRODUCE NITROGEN GAS PRODUCT
KR20100005711	JP20070169390 20070627	LOCAL INDEPENDENT ADMINISTRATI [JP]; PARAMOUNT ENERGY LAB LTD [JP]	H01M8/02; H01M8/10	FUEL CELL SEPARATOR PLATE MANUFACTURING METHOD AND FUEL CELL MANUFACTURED BY USING THE SAME
EP2158156	WO2008US05834 20080507; US20070928718P 20070511	LOS ALAMOS NAT SECURITY LLC [US]	C01B6/00; C01B3/02; H01M8/00	METAL AMINOBORANES
US2010003569	US20090536198 20090805; WO2006US46516 20061205; US20050295361 20051205	LOS ALAMOS NAT SECURITY LLC [US]	H01M4/92; B05D5/12; H01M4/88; H01M4/90; H01M8/10	CHALCOGEN CATALYSTS FOR POLYMER ELECTROLYTE FUEL CELL
US2010119892	US20100693608 20100126; US20040992182 20041118	LUNDBERG WAYNE [US]	H01M8/00	RECUPERATED ATMOSPHERIC SOFC/GAS TURBINE HYBRID CYCLE

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US2010035110	SE20060000816 20060411; SE20060001342 20060619; WO2007SE50222 20070405	LUNDBLAD ANDERS [SE]	H01M8/10; H01M2/02; H01M8/00	ELECTROCHEMICAL DEVICE
US2010021778	US20090490486 20090624; US20080083729P 20080725	LYNNTECH INC [US]	H01M8/00; B01D19/00; B01D21/30; H01M2/02; H01M8/04; H01M8/18	FUEL CELL EMERGENCY POWER SYSTEM
US2010047635	US20090433434 20090430; US20080126150P 20080501	LYONS SEAN S [US]	H01M8/04	HYDRATING A REACTANT FLOW OF AN ELECTROCHEMICAL STACK
NL1035728C	NL20081035728 20080721	MAGNETO SPECIAL ANODES B V [NL]	H01M4/86; H01M8/00; H01M8/16; H01M8/24	DEVICE AND METHOD FOR IMPROVED ELECTROCHEMICAL CELL.
AT453222T	NL20061031147 20060214; WO2007NL00038 20070213	MAGNETO SPECIAL ANODES B V [NL]	H01M8/16	VORRICHTUNG MIT EINEM NEUEN KATHODENSYSTEM UND EIN VERFAHREN ZUR ERZEUGUNG ELEKTRISCHER ENERGIE MITTELS DIESER VORRICHTUNG
AT463056T	NL20051029544 20050715; WO2006NL00352 20060711	MAGNETO SPECIAL ANODES B V [NL]	H01M8/16; H01M8/04; H01M8/10; H01M8/22	BIOLOGISCHE BRENNSTOFFZELLE
US2010086815	JP20070019061 20070130; WO2008JP51886 20080130	MANABE KOTA [JP]	H01M8/04	FUEL CELL SYSTEM
US2010068575	JP20070061822	MANABE KOTA [JP]; IMANISHI	H01M8/04	FUEL CELL SYSTEM

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	20070312; WO2008JP54829 20080310	HIROYUKI [JP]; OGAWA TOMOYA [JP]		
US2010159343	US20090645263 20091222; US20080140349P 20081223	MARSH STEPHEN A [US]; PARKER DONALD M [US]; GRANDE WILLIAM J [US]	H01M8/04; B65B31/00; B65D83/00; H01M8/02	GAS STORAGE SYSTEM
US2010055516	GB20060021386 20061027; WO2007GB04074 20071025	MASON GEOFFREY [GB]; BUFFHAM BRYAN [GB]; HELLGARDT KLAUS [GB]; RUSSELL PAUL [GB]; RICHARDSON DAVID [GB]	C23C8/24; B01J27/24; C07C51/36; C08B37/00; C25D7/00; H01M4/58; H01M8/02; H01M8/04	NICKEL SUBSTRATES
US2010124681	JP20080291861 20081114	MATSUDA HIROAKI [JP]; AKIYAMA TAKASHI [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM COMPRISING FUEL CELL STACK, AND METHOD FOR PRODUCING FUEL CELL STACK
US2010003561	JP20080177295 20080707	MATSUDA HIROAKI [JP]; UEDA HIDEYUKI [JP]	H01M8/04	FUEL CELL SYSTEM
CN101622744	JP20070340562 20071228	MATSUSHITA ELECTRIC IND CO LTD [JP]	H01M8/02	FUEL CELL SEPARATOR AND FUEL CELL PROVIDED WITH SAME
CN101622747	JP20070340301 20071228	MATSUSHITA ELECTRIC IND CO LTD [JP]	H01M8/04	FUEL CELL
US2010119891	US20100687669 20100114; JP20030186852 20030630; US20040872584 20040621	MATSUSHITA ELECTRIC IND CO LTD [JP]	H01M8/00; H01M8/10; H01M8/04; H01M8/06	METHOD FOR OPERATING FUEL CELL AND FUEL CELL SYSTEM
US2010068592	US20070889105 20070809	MATSUSHITA ELECTRIC IND CO LTD [JP]; PENN STATE RES FOUND	H01M8/10; H01M4/00; H01M4/88	ELECTRODES FOR USE IN HYDROCARBON-BASED MEMBRANE ELECTRODE ASSEMBLIES OF DIRECT OXIDATION FUEL CELLS
US2010104922	EP20070004799	MATTEJAT ARNO [DE];	H01M8/02	FUEL CELL

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	20070308; WO2008EP52606 20080304	MEHLTRETTER IGOR [DE]		
US2010108023	US20090581825 20091019; US20080006774 20080107	MCALISTER ROY E [US]	F02M37/00; F02M57/06; H01M8/00	MULTIFUEL STORAGE, METERING AND IGNITION SYSTEM
US2010129732	US20090433410 20090430; US20080126138P 20080501	MCELROY JAMES F [US]; GORDON MICHAEL [US]; GORDON LISA [US]	H01M8/02	ELECTROCHEMICAL CELL STACK ASSEMBLY
US2010015477	US20080173741 20080715	MCGILL BRUCE [US]	H01M8/04; H01M8/18	APPARATUS, SYSTEM, AND METHOD FOR PRODUCING ENERGY USING AN ALKALAI METAL
EP2164621	WO2008AU00870 20080616; US20070818916 20070616	MEGGITT UK LTD [GB]	B01J8/06; B01J19/00; B01J8/02; B01J19/24; C01B3/36; C01B3/38; C01B3/48; H01M8/06; H01M8/10	REFORMER APPARATUS AND METHOD
US2010124676	US20080274446 20081120	MESCHTER JOHN E [US]; PRUEITT JAMES K [US]; BISHOP PAUL [US]; MILLER ROBERT [US]; THATCHER KAREN [US]; GRYGUS BRYAN [US]; CHEN MICHAEL [US]; QI ZHIGANG [US]	B01D19/00; H01M8/04	MANAGING GAS BUBBLES IN A LIQUID FLOW SYSTEM
US2010040930	FR20050003057 20050325; WO2006EP02560 20060321	MICHELIN RECH TECH [CH]	H01M8/02; H01M2/14	POLYMER MEMBRANE FUEL CELL

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KR20100015669	FR20070002031 20070320	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
US2010104918	US20080450793 20080411; US20070923297P 20070413; WO2008US04695 20080411	MICHIGAN MOLECULAR INST [US]	H01M8/10; H01M6/18	IMPROVED FUEL CELL PROTON EXCHANGE MEMBRANES
CN101635360	CN20081144057 20080723	MICRIOJET TECHNOLOGY CO LTD	H01M8/00	FUEL CELL SYSTEM PROVIDED WITH MICRO-FLUID CONVEYER DEVICE
AT467921T	US20020188471 20020702; WO2003US19023 20030613	MICROCELL CORP [US]	H01M10/14; B32B15/01; B32B15/02; H01M2/16; H01M2/18; H01M4/02; H01M4/38; H01M4/46; H01M4/66; H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/04; H01M8/10; H01M10/04; H01M10/39	ELEKTROCHEMISCHE MIKROZELLENEINRICHTUNGEN UND BAUGRUPPEN MIT KORROSIONSBEST?NDIGEN STROMKOLLEKTOREN UND VERFAHREN ZU IHRER HERSTELLUNG
EP2144319	EP20080012393 20080709	MICRONAS GMBH [DE]	H01M8/10; B01D67/00; B01D69/12; B01D71/38; C08J5/22	METHOD FOR PRODUCING A PROTON-CONDUCTING STRUCTURED ELECTROLYTE MEMBRANE
US2010159339	US20100716206	MICROSOFT CORP [US]	H01M8/04	APPARATUS AND METHOD FOR HEATING FUEL CELLS

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	20100302; US20070672903 20070208; US20030729691 20031205			
US2010122461	US20080274521 20081120	MINAS CONSTANTINOS [US]; CARLSTROM JR CHARLES C [US]	B23P15/26; H01M2/10; H01M8/04	COMPACT SPRING LOADED FUEL CELL MONOPOLAR STACK
JP2010016006	JP20090242802 20091021	MITSUBISHI HEAVY IND LTD [JP]	H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL SYSTEM
JP2010005498	JP20080164794 20080624	MITSUBISHI HEAVY IND LTD [JP]	B01J23/72; B01J37/03; B01J37/10; C01B3/40; C01B3/48; H01M8/06	CO MODIFICATION CATALYST FOR DSS OPERATION OF FUEL CELL, METHOD OF MANUFACTURING THE SAME, AND FUEL CELL SYSTEM
KR20100017227	KR20097024286 20070423	MITSUBISHI HEAVY IND LTD [JP]	H01M8/06; H01M8/04	ENERGY SUPPLY SYSTEM
US2010136441	JP20060089367 20060328; WO2007JP56384 20070327	MITSUBISHI HEAVY IND LTD [JP]	H01M8/06; B05D7/00; C09K3/00	ENERGY SUPPLYING SYSTEM AND HYDROGEN-PRODUCING MATERIAL
EP2192083	WO2007JP58773 20070423	MITSUBISHI HEAVY IND LTD [JP]	C01B3/08; H01M8/04; H01M8/06	ENERGY SUPPLY SYSTEM
CN101656325	JP20030044416 20030221	MITSUBISHI MATERIALS CORP [JP]	H01M8/10	NI BASE ALLOY
JP2010018836	JP20080179714 20080710	MITSUBISHI MATERIALS CORP [JP]; KITAMI INST OF TECHNOLOGY	C22C27/02; B01D53/22; C22F1/18	HYDROGEN PERMEATION/SEPARATION THIN MEMBRANE EXHIBITING EXCELLENT PROPERTIES FOR HYDROGEN PERMEATION/SEPARATION
EP2157650	EP20050709622 20050202; JP20040025647	MITSUBISHI PENCIL CO [JP]	H01M8/10; H01M8/04; H01M8/24	FUEL BATTERY AND FUEL STORAGE FOR FUEL BATTERY

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	20040202; JP20040025648 20040202; JP20040025649 20040202; JP20040025650 20040202; JP20040025651 20040202; JP20040314108 20041028; JP20040341576 20041126; JP20040369786 20041221			
US2010099000	JP20050227822 20050805; WO2006JP315609 20060807	MITSUBISHI PENCIL CO [JP]	H01M2/00; B05D3/06; B05D5/00	SEPARATOR FOR FUEL CELL AND PRODUCTION PROCESS FOR THE SAME
EP2163299	WO2008JP62079 20080703; JP20070178146 20070706	MITSUBISHI PENCIL COMPANY LTD [JP]	B01J7/00; C01B3/08; C01B13/02; H01M8/00; H01M8/06	GAS GENERATION APPARATUS
JP2010003564	JP20080161976 20080620	MITSUBISHI RAYON CO	H01M4/88; H01M4/96; H01M8/10	METHOD OF MANUFACTURING ELECTRODE SUBSTRATE FOR SOLID POLYMER FUEL CELL
US2010015496	JP20070040491 20070221; WO2008JP52982 20080221	MIYAKE NAOTO [JP]; INOUE YUICHI [JP]	H01M8/10; H01M4/88	POLYMER ELECTROLYTE COMPOSITION, POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY AND SOLID POLYMER ELECTROLYTE-BASED FUEL CELL
US2010047645	JP20070325820 20071218;	MIYAUCHI SHINJI [JP]; HARAO NORIYUKI [JP];	H01M8/04; F28D15/00	COGENERATION SYSTEM

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	WO2008JP03850 20081218	YAMAMOTO MASAHICO [JP]; SATO KEIICHI [JP]; KATOU MOTOMICHI [JP]		
WO2010027763	US20080091545P 20080825	MODINE MFG CO [US]; ANDERSON PAUL G [US]; MORGAN ROBERT P [US]; TUCHOWSKI FERN L [US]; REINKE MICHAEL J [US]; KENNEDY MATTHEW C [US]; VALENSA JEROEN [US]; EKLUND MICHAEL S [US]; LYLE WILLIAM DAVID [US]; PERRY MARTIN [US]	F28D7/08; F28F1/40; H01M8/04	FLOW BYPASS SEALING APPARATUS FOR ANNULAR HEAT EXCHANGER AND METHOD OF MAKING THE SAME
AR071622	US20080049508P 20080501	MONSANTO TECHNOLOGY LLC [US]		UTILIZACION DE METAL EN CATALIZADORES SOPORTADOS QUE CONTIENEN METAL PARA CELDAS DE COMBUSTIBLE
US2010040937	US20080333747 20081212; US20080055677P 20080523	MORE ENERGY LTD OF LOD ISRAEL	H01M8/02	SOLID FUEL COMPOSITION FOR A DIRECT LIQUID FUEL CELL
US2010092825	JP20060278170 20061011; WO2007JP69688 20071009	MORI KOICHI [JP]	H01M8/10	FUEL CELL, FUEL CELL SYSTEM, AND PORTABLE ELECTRONIC DEVICE
US2010129728	GB20050020471 20051007; GB20060004358 20060306; JP20060181480 20060630; WO2006JP319982 20061005	MORIMOTO ISAO [JP]; OKADA NOBUHIRO [JP]; YAMAGUCHI FUJITO [JP]; BRACE KAREN MARIE [GB]; LEE CHRISTOPHER EDWARD [GB]; HAYDEN BRIAN ELLIOT [GB]	H01M8/10; B01J21/18; B01J23/44; B01J23/52; B01J23/75; H01M4/88	ALLOY CATALYST FOR FUEL CELL CATHODE
US2010098989	JP20070266566	MORIMOTO TAKASHI [JP];	H01M8/10;	ELECTRODE-MEMBRANE-FRAME ASSEMBLY FOR

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	20071012; WO2008JP02869 20081010	KUSAKABE HIROKI [JP]; MATSUMOTO TOSHIHIRO [JP]; KAWABATA NORIHIKO [JP]; YOSHIMURA MITSUO [JP]	H01M8/04	POLYELECTROLYTE FUEL CELL, MANUFACTURING METHOD THEREFOR, AND POLYELECTROLYTE FUEL CELL
US2010143819	US20100707894 20100218; JP20070091986 20070330; US20080307014 20080327; WO2008JP00746 20080327	MORIMOTO TAKASHI [JP]; KUSAKABE HIROKI [JP]; MATSUMOTO TOSHIHIRO [JP]; KAWABATA NORIHIKO [JP]; YOSHIMURA MITSUO [JP]	H01M8/24	POLYMER ELECTROLYTE FUEL CELL AND MANUFACTURING METHOD FOR ELECTRODE-MEMBRANE-FRAME ASSEMBLY
US2010003571	JP20060249423 20060914; WO2007IB02599 20070911	MORINAGA MASAHIKO [JP]	H01M8/10; H01B1/04	CATALYST STRUCTURE BODY FOR FUEL CELL, MANUFACTURE METHOD THEREFOR, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
US2010016521	US20090585697 20090922; JP20030058181 20030305; US20090382491 20090317; US20050547526 20050902; WO2004JP02535 20040302	MORIYAMA HIDEKI [JP]; TSUKUDA AKIMITSU [JP]	C08G69/48; C08G69/26; C08G69/32; C08G73/02; H01M8/10	METHOD FOR PRODUCING A FILM OF AN AROMATIC AMIDE OXADIAZOLE POLYMER CONTAINING AN OXADIAZOLE STRUCTURE AND THE FILM SO PRODUCED
KR20100022597	KR20080081176 20080820	MOTONIC CORP [KR]	F02M31/125; F02M37/00; H01M8/04	FUZZY VALVE OF LOW TEMPERATURE START-UP
CN101689668	WO2007US74206 20070724; US20060519553	MOTOROLA INC [US]	H01M8/10	METHOD FOR FORMING A MICRO FUEL CELL

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	20060912			
AT458280T	US20000619232 20000718; WO2001US22344 20010717	MOTOROLA INC [US]	H01M8/00; H01M8/02; H01M8/04; H01M8/10; H01M8/24	BRENNSTOFFZELLENANORDNUNG
US2010104896	US20080260614 20081029	MOTOROLA INC [US]	H01M8/04	DEVICE AND METHOD FOR AUGMENTING THE USEFUL LIFE OF AN ENERGY STORAGE DEVICE
US2010068566	WO2006US49025 20061221	MOTUPALLY SATHYA [US]; REISER CARL A [US]	H01M8/00; H01M4/00	METHOD FOR MINIMIZING MEMBRANE ELECTRODE DEGRADATION IN A FUEL CELL POWER PLANT
US2010112381	US20080261628 20081030	MTI MICRO FUEL CELLS INC [US]	H01M8/00; H01M8/02; H01M8/04	ELECTROCHEMICAL ACTUATOR
AT462203T	US20000721290 20001122; US20010040502 20011109; WO2001US42960 20011120	MTI MICROFUEL CELLS INC [US]	H01M8/04; H01M8/00; H01M8/12	VORRICHTUNG UND VERFAHREN ZUR SENSORLOSEN OPTIMIERUNG DER METHANOLKONZENTRATION IN EINEM DIREKT-METHANOL-BRENNSTOFFZELLENSYSTEM
US2010124679	US20080274822 20081120	MTI MICROFUEL CELLS INC [US]	H01M8/10	METHOD FOR INCREASING THE DURABILITY OF DIRECT OXIDATION FUEL CELLS
US2010124678	US20080274567 20081120	MTI MICROFUEL CELLS INC [US]	H01M8/04; H01M8/00	FUEL CELL FEED SYSTEMS
AT452432T	DE20001026206 20000526; WO2001EP05917 20010523	MTU ONSITE ENERGY GMBH [DE]	H01M8/02; H01M8/04; H01M8/14; H01M8/24	BRENNSTOFFZELLENANORDNUNG MIT ELEKTROLYTRESERVOIR
DE102008036298	DE200810036298 20080804	MTU ONSITE ENERGY GMBH [DE]	H01M8/02; H01M8/14	FUEL CELL I.E. MOLTEN CARBONATE FUEL CELL, ARRANGEMENT, HAS EDGE SUPPORT CONSISTING OF NICKEL FOAM MATERIAL, WHICH CAUSES VOLUME INCREASE IN TERMS OF EXPANSION OF U-SHAPED EDGE CASE IN LONGITUDINAL DIRECTION OF FUEL CELL STACK

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ES2336204T	DE20021009309 20020302	MTU ONSITE ENERGY GMBH [DE]	H01M8/04; C23F13/02	PROCEDIMIENTO PARA INERTIZAR LOS ANODOS DE PILAS DE COMBUSTIBLE.
WO2010015373	DE200810037097 20080808; DE200910031089 20090630	MTU ONSITE ENERGY GMBH [DE]; ANGERER URBAN [DE]	H01M8/04	METHOD FOR DIAGNOSING A FUEL CELL ARRANGEMENT
WO2010015348	DE200810036297 20080804; DE200810045286 20080901	MTU ONSITE ENERGY GMBH [DE]; BEDNARZ MARC [DE]; HAUG JUERGEN [DE]; HILKE BIRGIT [DE]; RIETHER CHRISTOPH [DE]	H01M8/14; H01M4/86; H01M4/88	ANODE FOR A MOLTEN CARBONATE FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF
WO2010031549	DE200810047922 20080919; DE200910013587 20090317	MTU ONSITE ENERGY GMBH [DE]; BURMEISTER UWE [DE]; HUBER JOHANN [DE]; OTTMANN NORBERT [DE]; PETERHANS STEFAN [DE]; WAGNER WOLFGANG [DE]; WEISER CHRISTOPH [DE]	H01M8/04; B01F3/02; B01F5/06; H01M8/24	FUEL CELL ASSEMBLY COMPRISING AN IMPROVED GAS MIXER
WO2010031548	DE200810047920 20080919; DE200910013598 20090317	MTU ONSITE ENERGY GMBH [DE]; BURMEISTER UWE [DE]; HUBER JOHANN [DE]; OTTMANN NORBERT [DE]; PETERHANS STEFAN [DE]; WAGNER WOLFGANG [DE]; WEISER CHRISTOPH [DE]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL ASSEMBLY COMPRISING AN IMPROVED CATALYTIC BURNER
WO2010031547	DE200810047919 20080919; DE200910013599 20090317	MTU ONSITE ENERGY GMBH [DE]; BURMEISTER UWE [DE]; HUBER JOHANN [DE]; OTTMANN NORBERT [DE]; PETERHANS STEFAN [DE]; WAGNER WOLFGANG [DE]; WEISER CHRISTOPH [DE]	H01M8/04; H01M8/24	FUEL CELL ASSEMBLY WITH IMPROVED GAS RECIRCULATION
WO2010031546	DE200810047921	MTU ONSITE ENERGY GMBH	H01M8/04;	FUEL CELL ASSEMBLY WITH A MODULAR

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	20080919; DE200910013586 20090317	[DE]; BURMEISTER UWE [DE]; HUBER JOHANN [DE]; OTTMANN NORBERT [DE]; PETERHANS STEFAN [DE]; WAGNER WOLFGANG [DE]; WEISER CHRISTOPH [DE]	H01M8/24	CONSTRUCTION
US2010151339	DE200710014617 20070323; WO2008EP02193 20080319	MUELLER MARTIN [DE]; MAINTZ ANDREAS [DE]; WILHELM JOERG [DE]; JANSSEN HOLGER [DE]; STOLTEN DETLEF [DE]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR REGULATING A FUEL CELL SYSTEM
US2010015480	JP20060240645 20060905; WO2007JP67118 20070903	MUKAI YUJI [JP]; MAENISHI AKIRA [JP]; UKAI KUNIHIRO [JP]; NAKAMURA TORU [JP]	H01M8/18; B01J7/00	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
US2010143762	US20090564324 20090922	MUKERJEE SUBHASISH [US]; HALTINER JR KARL J [US]	H01M8/10; H01M4/82	METHOD FOR IMPROVING ROBUSTNESS OF SOLID OXIDE FUEL CELL STACKS
US2010081032	US20090630198 20091203; US20070824345 20070629	MUKERJEE SUBHASISH [US]; HALTINER JR KARL J [US]; SPRENKLE VINCENT [US]; MEINHARDT KERRY [US]	H01M8/10; C03C8/00	GLASS SEAL CONTAINING ZIRCONIA POWDER AND FIBER FOR A SOLID OXIDE FUEL CELL STACK
JP2010015860	JP20080175493 20080704	MURATA MANUFACTURING CO [JP]	H01M8/06; B01J23/78; B01J23/85; B01J23/88; C01B3/32; C01B3/40; H01M8/04	REFORMER FOR FUEL CELL
JP2010003662	JP20080132862 20080521; JP20080209448 20080818	MURATA MANUFACTURING CO [JP]	H01M8/02; H01M8/12	MATERIAL FOR INTERCONNECTOR, CELL SEPARATION STRUCTURE, AND SOLID ELECTROLYTE FUEL CELL
EP2202815	WO2008JP68724	MURATA MANUFACTURING	H01L41/09;	VIBRATION DEVICE, AND PIEZOELECTRIC PUMP

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	20081016; JP20070269328 20071016	CO [JP]	F04B43/02; F04B43/04; H01L41/22; H01M8/04	
WO2010007722	JP20080182786 20080714; JP20080216383 20080826; JP20090106157 20090424	MURATA MANUFACTURING CO [JP]; TAKATA KAZUhide [JP]; IHA MICHIAKI [JP]	H01M8/02; C04B35/00; C04B35/50; H01M8/12	INTERCONNECTOR MATERIAL, INTERCELLULAR SEPARATION STRUCTURE, AND SOLID ELECTROLYTE FUEL CELL
US2010159354	US20090641700 20091218; GB20030008135 20030409; GB20030029836 20031223; US20040552233 20040408; WO2004GB01571 20040408	MURRAY GRAHAM SIMPSON [GB]	H01M8/10; H01G9/025; H01M6/18; H01M6/42	CONDUCTIVE POLYMER, CONDUCTIVE POLYMER COMPOSITIONS AND METHODS FOR THEIR USE
US2010075187	JP20070011591 20070122; JP20070056057 20070306; WO2008JP50329 20080115	MUTA AOI [JP]; OKANISHI TAKEOU [JP]; NOGI ATSUSHI [JP]; TSUJI YOICHIRO [JP]	H01M8/10; H01M8/02	MEMBRANE-MEMBRANE REINFORCING MEMBER ASSEMBLY, MEMBRANE-CATALYST LAYER ASSEMBLY, MEMBRANE-ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
US2010104908	JP20070108986 20070418; WO2008JP00915 20080409	MUTA AOI [JP]; TSUJI YOICHIRO [JP]; GEMBA MIHO [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND OPERATING METHOD THEREOF
KR20100059892	SE20070001883 20070820; SE20080000424	MYFC AB [SE]	H01M8/04; G01R31/36; H01M8/10	FUEL CELL ASSEMBLY HAVING FEED-BACK SENSOR

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	20080222			
KR20100070332	SE20070001883 20070820	MYFC AB [SE]	H01M8/02; H01M4/86; H01M8/10; H01M8/24	AN ARRANGEMENT FOR INTERCONNECTING ELECTROCHEMICAL CELLS, A FUEL CELL ASSEMBLY AND METHOD OF MANUFACTURING A FUEL CELL DEVICE
WO2010062251	SE20080050101 20081126	MYFC AB [SE]; LUNDBLAD ANDERS [SE]; WESTERHOLM BJOERN [SE]	H01M8/04	POWER SOURCE COMPRISING FUEL CELLS
US2010074838	JP20070051004 20070301; WO2008JP00378 20080228	NAKAMURA AKINARI [JP]; TAMURA YOSHIO [JP]; OZEKI MASATAKA [JP]; OHARA HIDEO [JP]	C01B3/02; C01B3/32; H01M8/06	HYDROGEN GENERATOR, METHOD FOR OPERATING HYDROGEN GENERATOR, AND FUEL CELL SYSTEM
US2010151336	JP20070121085 20070501; JP20070192469 20070724; WO2008JP57690 20080421	NAKANISHI SHINJI [JP]	H01M8/02	AIR BATTERY SYSTEM
DE102009000171	TW20080127312 20080718	NAN YA PCB CORP [TW]	H01M10/46; H01M8/04; H01M10/44	BATTERIEVERWALTUNGSSYSTEME UND VERFAHREN
US2010098976	TW20080140156 20081020	NAN YA PCB CORP [TW]	H01M8/00; H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CHECKING FOR HYDROGEN LEAKAGE IN FUEL CELLS THEREOF
US2010098988	TW20080140275 20081021	NAN YA PCB CORP [TW]	H01M8/10; H01M4/04	MEMBRANE ELECTRODE MODULE AND ASSEMBLY METHOD THEREOF
US2010119897	TW20080143026 20081107	NAN YA PCB CORP [TW]	H01M8/18	HYDROGEN FUEL CELL SYSTEMS
EP2160783	WO2007US12490 20070525	NANODYNAMICS ENERGY INC [US]	H01M8/04; H01M8/12	ELECTROCHEMICAL SYSTEMS HAVING MULTIPLE INDEPENDENT CIRCUITS
MX2010000759	US20070880105 20070719; WO2008US08776 20080718	NANODYNAMICS ENERGY INC [US]	H01M8/04; H01M8/10	INTERNAL REFORMING SOLID OXIDE FUEL CELLS.

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HK1097110	WO2004US25233 20040805; US20030493409P 20030807; US20040910026 20040803	NANODYNAMICS ENERGY INC [US]	H01M4/86; H01M4/88; H01M4/96; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELLS WITH NOVEL INTERNAL GEOMETRY
KR20100057629	KR20107004764 20070803	NANODYNAMICS ENERGY INC [US]	H01M8/12; H01M8/04	SOLID OXIDE FUEL CELL SYSTEMS WITH IMPROVED GAS CHANNELING AND HEAT EXCHANGE
EP2183811	WO2007US17405 20070803	NANODYNAMICS ENERGY INC [US]	H01M8/02; H01M8/04; H01M8/06; H01M8/24	SOLID OXIDE FUEL CELL SYSTEMS WITH IMPROVED GAS CHANNELING AND HEAT EXCHANGE
US7704622	US20040926457 20040826	NASA [US]	H01M8/10	ION CONDUCTING ORGANIC/INORGANIC HYBRID POLYMERS
US2010136444	US20050231476 20050921	NASH DAVID A [US]	H01M8/24; H01M8/02; H01M8/04	ELECTRICAL BRIDGE FOR FUEL CELL PLATES
JP2010003669	JP20080134846 20080522; JP20090042983 20090225	NAT INST OF ADV IND & TECHNOL	H01M8/24; H01M8/02; H01M8/04; H01M8/12	ELECTROCHEMICAL REACTOR UNIT, AND ELECTROCHEMICAL REACTOR MODULE AND ELECTROCHEMICAL REACTION SYSTEM COMPOSED OF THEM
JP2010005493	JP20080164227 20080624	NAT INST OF ADV IND & TECHNOL	B01J31/22; G01N27/30; G01N27/416; H01M4/90	CATALYST FOR OXIDIZING SACCHARIDE ELECTROCHEMICALLY
CN101674886	WO2008JP54330 20080310; JP20070061014 20070309; JP20070061026 20070309	NAT INST OF ADVANCED IND SCIEN; SUMITOMO CHEMICAL CO	B01J31/22; B01J37/08; H01M4/88; H01M4/90; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL
WO2010047321	JP20080270911 20081021	NAT UNIVERSITY CORP NAGOYA I O [JP]; FUJI	H01B1/18; B01J23/755;	CERAMIC ELECTRODE MATERIAL AND PROCESS FOR PRODUCING THE CERAMIC ELECTRODE MATERIAL

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		MASAYOSHI [JP]; TAKAHASHI MINORU [JP]; LIU JINGJUN [JP]; WATANABE HIDEO [JP]; SHIRAI TAKASHI [JP]	C04B35/00; C04B38/06; C04B41/85; C04B41/88; C25B11/04; C25B11/06; C25B11/12; H01B13/00	
EP2184104	WO2007JP72395 20071119; JP20070222834 20070829	NAT UNIVERSITY CORP OITA UNIVE [JP]	B01J23/76; B01J23/63; C01B3/38; H01M8/06	CATALYST FOR THE PRODUCTION OF HYDROGEN AT LOW TEMPERATURE, PROCESS FOR PRODUCTION OF THE CATALYST, AND PROCESS FOR PRODUCTION OF HYDROGEN
JP2010009807	JP20080165300 20080625	NEC CORP [JP]	H01M4/90	FUEL CELL CATALYST FOR AIR ELECTRODE, ITS MANUFACTURING METHOD, ELECTRODE, AND FUEL CELL
US2010055510	JP20070042374 20070222; WO2008JP52365 20080213	NEC CORP [JP]	H01M8/00; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
WO2010007818	JP20080185117 20080716	NEC CORP [JP]; KOBAYASHI KENJI [JP]	H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
US2010075191	US20080284500 20080923	NELSON DAVID E [US]; HUSSONG JUSTON L [US]; CONFER DANIEL R [US]; BOSCH RUSSELL H [US]	H01M8/10; B05D1/04; B05D5/12; C23C16/48	TEXTURED SOLID OXIDE FUEL CELL HAVING REDUCED POLARIZATION LOSSES
EP2157651	JP20080212410 20080821; JP20090117570 20090514	NGK INSULATORS LTD [JP]	H01M8/12; H01M8/02	SHEET BODY OF SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL
US7655195	JP19990242679 19990830; WO2000JP05862 20000830	NGK INSULATORS LTD [JP]	F01N3/022; B01D46/52; B01D53/88; B01D53/94;	UNDULATED-WALL HONEYCOMB STRUCTURE AND MANUFACTURING METHOD THEREOF

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			B01J35/04; B28B3/20; B32B3/12; F01N3/00; F01N3/01; F01N3/021; F01N3/033; F01N3/28; H01M8/00	
US2010055531	JP20080217679 20080827; JP20090117318 20090514	NGK INSULATORS LTD [JP]	H01M8/10; H01M8/00	SOLID OXIDE FUEL CELL, AND ASSEMBLING METHOD OF THE SAME
US2010050422	JP20080217676 20080827	NGK INSULATORS LTD [JP]	H01M8/00	ASSEMBLING METHOD OF SOLID OXIDE FUEL CELL
WO2010067833	JP20080312104 20081208	NGK INSULATORS LTD [JP]; KUNO TOSHIKI [JP]; TAKASE NAOYA [JP]	H01M8/02; C25B9/18; H01M8/12; H01M8/24	ELECTROCHEMICAL DEVICE
US2010055525	JP20060148792 20060529; WO2007JP60638 20070524	NGK SPARK PLUG CO [JP]	H01M8/10	SOLID ELECTROLYTE FUEL CELL STACK
WO2010038869	JP20080257512 20081002	NGK SPARK PLUG CO [JP]; HAYASHI CHIE [JP]; ISHIKAWA HIROYA [JP]; FURUSAKI KEIZO [JP]; OKUYAMA YASUO [JP]; TODO YUSUKE [JP]; KOMATSU DAISUKE [JP]	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY
WO2010016622	JP20080205318 20080808	NHK SPRING CO LTD [JP]; ARAKA YUJI [JP]; SHIRAISHI TORU [JP]; ONO YOSHIKI [JP]	C22C14/00; B22D11/06; B22F3/11	TITANIUM ALLOY FINE WIRE, TITANIUM ALLOY FINE WIRE SINTERED COMPACT, AND IMPLANT DEVICE FOR LIVING BODY, FILTER AND FUEL CELL COMPONENT USING

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				TITANIUM ALLOY FINE WIRE SINTERED COMPACT
WO2010013740	JP20080199277 20080801	NICHIAS CORP [JP]; SHIMIZU TAKAYOSHI; MURAKAMI ATSUSHI	H01M8/02; C08G59/40; C08K3/04; C08L63/00	RESIN COMPOSITION FOR FUEL CELL SEPARATOR, PROCESS FOR PRODUCING SAME, AND FUEL CELL SEPARATOR
WO2010038306	WO2008JP68033 20081003	NIPPON KAYAKU KK [JP]; HAMADA MASAHIRO [JP]; SHIRAI KAZUTERU [JP]	H01B1/06; H01M8/02	POLYETHERSULFONE POLYMER ELECTROLYTE, SOLID POLYMER ELECTROLYTE MEMBRANE, FUEL CELL, AND METHOD FOR PRODUCTION OF THE POLYETHERSULFONE POLYMER ELECTROLYTE
US2010086816	US20090603044 20091021; JP20030001761 20030108; JP20030001762 20030108; US20050539778 20050620; WO2003JP16926 20031226	NIPPON KOGAKU KK [JP]	H01M8/04	ELECTRONIC DEVICE AND ELECTRONIC DEVICE OPERATING CONTROL METHOD
US2010086296	US20090591886 20091203; JP20030177796 20030623; US20040866729 20040615	NIPPON KOGAKU KK [JP]	G03B17/02; H01M2/10; H01M8/00; H01M8/06; H04N5/225	ELECTRONIC DEVICE AND CAMERA
WO2010071068	JP20080323513 20081219	NIPPON MINING CO [JP]; SHIBUYA YOSHITAKA [JP]	H01M8/02; C22C5/02; C23C14/34; H01M8/10	FUEL CELL SEPARATOR MATERIAL, FUEL CELL SEPARATOR USING SAME, FUEL CELL STACK, AND METHOD FOR PRODUCING FUEL CELL SEPARATOR MATERIAL
WO2010061694	JP20080303606 20081128	NIPPON MINING CO [JP]; SHIBUYA YOSHITAKA [JP]	H01M8/02; H01M8/10	FUEL CELL SEPARATOR MATERIAL, FUEL CELL SEPARATOR USING SAME, AND FUEL CELL STACK
JP2010018468	JP20080179518 20080709	NIPPON OIL CORP [JP]	C01B3/38; H01M8/06	DESULFURIZATION APPARATUS AND FUEL CELL SYSTEM

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JP2010018467	JP20080179516 20080709	NIPPON OIL CORP [JP]	C01B3/38; H01M8/06	DESULFURIZATION APPARATUS AND FUEL CELL SYSTEM
JP2010018465	JP20080179392 20080709	NIPPON OIL CORP [JP]	C01B3/38; H01M8/06	DESULFURIZATION APPARATUS AND FUEL CELL SYSTEM
JP2010005596	JP20080171027 20080630	NIPPON OIL CORP [JP]	B01J38/00; B01J23/755; C01B3/38; H01M8/04; H01M8/06	CATALYST POWDER SEPARATION DEVICE AND FUEL CELL SYSTEM
JP2010003457	JP20080159467 20080618	NIPPON OIL CORP [JP]	H01M8/06; C01B3/38	FUEL CELL SYSTEM
KR20100014407	JP20070121060 20070501	NIPPON OIL CORP [JP]	H01M8/06; C01B3/38; H01M8/04; H01M8/12	REFORMING SYSTEM, FUEL CELL SYSTEM, AND ITS OPERATION METHOD
EP2157048	WO2008JP58943 20080515; JP20070130486 20070516	NIPPON OIL CORP [JP]	C01B3/38; H01M8/06; H01M8/12	REFORMER AND INDIRECT INTERNAL REFORMING-TYPE HIGH-TEMPERATURE FUEL CELL
CN101682063	WO2008JP60578 20080610; JP20070156438 20070613	NIPPON OIL CORP [JP]	H01M8/04; C01B3/36; C01B3/38; H01M8/06; H01M8/12	FUEL BATTERY SYSTEM AND ACTIVATING METHOD THEREOF
US2010086814	JP20060342846 20061220; WO2007JP74614 20071217	NIPPON OIL CORP [JP]	H01M8/18; B01J19/00; B01J21/04; B01J21/08; B01J23/46; B01J23/52; C01B3/58	CATALYST FOR REDUCING CARBON MONOXIDE CONCENTRATION
KR20100054824	JP20070238393 20070913	NIPPON OIL CORP [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM

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US2010119894	JP20070036705 20070216; WO2008JP52456 20080214	NIPPON OIL CORP [JP]	H01M8/04; H01M8/18	REFORMER SYSTEM, FUEL CELL SYSTEM, AND THEIR OPERATION METHOD
KR20100063720	JP20070222464 20070829	NIPPON OIL CORP [JP]	H01M8/06; C01B3/38; H01M8/04; H01M8/12	FUEL CELL SYSTEM AND METHOD FOR STARTING THE FUEL CELL SYSTEM
JP2010003480	JP20080159954 20080619	NIPPON SOKEN; DENSO CORP; TOYOTA MOTOR CORP	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2010021112	JP20080182987 20080714	NIPPON SOKEN; TOYOTA MOTOR CORP	H01M8/04; H01M8/10; H01M8/24	EROSION DETECTING APPARATUS AND METHOD OF METAL SEPARATOR OF FUEL CELL
JP2010021106	JP20080182840 20080714	NIPPON SOKEN; TOYOTA MOTOR CORP	H01M8/02	CELL OF FUEL BATTERY
JP2010020915	JP20080177777 20080708	NIPPON SOKEN; TOYOTA MOTOR CORP	H01M8/02	GAS FLOW PASSAGE CONSTITUTIVE MATERIAL, AND FUEL CELL PROVIDED WITH GAS FLOW PASSAGE CONSTITUTIVE MATERIAL
WO2010047415	JP20080272230 20081022; JP20080272153 20081022; JP20090014744 20090126	NIPPON STEEL CORP [JP]; IIJIMA TAKASHI [JP]; TADOKORO KENICHIROH [JP]; SAWADA HIDEAKI [JP]	H01M4/96; H01M4/86; H01M8/10	CATALYST FOR SOLID POLYMER FUEL CELL, ELECTRODE FOR SOLID POLYMER FUEL CELL, AND FUEL CELL
WO2010038544	JP20080253328 20080930	NIPPON STEEL CORP [JP]; TAKAHASHI KAZUHIRO [JP]; TOKUNO KIYONORI [JP]; KIHARA HIROSHI [JP]; TANAKA KOKI [JP]; KANEKO MICHIO [JP]	H01M8/02; C23C8/10; H01M8/10	TITANIUM MATERIAL HAVING LOW CONTACT RESISTANCE FOR USE IN SEPARATOR FOR SOLID POLYMER-TYPE FUEL CELL AND PROCESS FOR PRODUCING THE TITANIUM MATERIAL
JP2010015755	JP20080173243 20080702	NIPPON TELEGRAPH & TELEPHONE	H01M8/04; H01M8/12	FUEL CELL POWER GENERATION SYSTEM AND POWER GENERATION METHOD

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JP2010015712	JP20080172293 20080701	NIPPON TELEGRAPH & TELEPHONE	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND POWER GENERATION METHOD
JP2010021155	JP20090245880 20091026	NIPPON TELEGRAPH & TELEPHONE	H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY STACK AND ITS MANUFACTURING METHOD
JP2010020966	JP20080178989 20080709	NIPPON TELEGRAPH & TELEPHONE	H01M8/04	FUEL CELL POWER GENERATION SYSTEM, AND OPERATION METHOD THEREOF
JP2010020965	JP20080178972 20080709	NIPPON TELEGRAPH & TELEPHONE	H01M8/04	FUEL CELL POWER GENERATION SYSTEM, AND OPERATION METHOD THEREOF
JP2010021038	JP20080181050 20080711	NIPPON TELEGRAPH & TELEPHONE; NHK SPRING CO LTD	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL STACK
JP2010021037	JP20080181047 20080711	NIPPON TELEGRAPH & TELEPHONE; NHK SPRING CO LTD	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL STACK, AND MANUFACTURING METHOD THEREFOR
US2010040924	US20090540309 20090812; US20080136107P 20080812	NIROUMAND AMIR [CA]	H01M8/04	FUEL CELL SEPARATOR PLATE WITH INTEGRATED HEAT EXCHANGER
US2010047664	JP20070091845 20070330; JP20080054197 20080305; WO2008JP54937 20080318	NISHIKAWA MASATO [JP]; NAKAGAWA TATSUYUKI [JP]; KIHARA HITOSHI [JP]; NAKAMURA KENTARO [JP]	H01M8/04	FLUID TRANSFER DEVICE AND FUEL CELL COMPRISING SAME
JP2010013435	JP20080145355 20080603; JP20080303403 20081128	NISSAN MOTOR [JP]	C07F9/54; C07C211/63; C07C309/06; C07C311/48; C07C381/12; H01M8/02; H01M10/0568	IONIC CONDUCTOR
JP2010021060	JP20080181403 20080711	NISSAN MOTOR [JP]	H01M4/86; H01M4/88;	WATER RETENTION LAYER FOR FUEL CELL, MANUFACTURING METHOD THEREOF, AND

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			H01M4/96	ELECTROLYTE MEMBRANE ELECTRODE ASSEMBLY
JP2010020930	JP20080178090 20080708	NISSAN MOTOR [JP]	H01M8/04; H01M8/10	BREAK-IN METHOD OF FUEL CELL
JP2010015933	JP20080176951 20080707	NISSAN MOTOR [JP]	H01M8/02; H01M8/04	FUEL CELL SYSTEM
EP2144320	EP20010997862 20011122; JP20000360353 20001127; JP20010111102 20010410	NISSAN MOTOR [JP]	H01M4/86; H01M8/12; H01M4/88; H01M8/02; H01M8/24	SINGLE CELL FOR FUEL CELL AND SOLID OXIDE FUEL CELL
JP2010009756	JP20080164105 20080624	NISSAN MOTOR [JP]	H01M8/04; H01M8/06; H01M8/12	FUEL CELL SYSTEM, AND OPERATING METHOD OF FUEL CELL SYSTEM
JP2010003623	JP20080163233 20080623	NISSAN MOTOR [JP]	H01M8/24; H01M8/12	SOLID OXIDE FUEL CELL STACK, AND BONDING MATERIAL
JP2010003586	JP20080162453 20080620	NISSAN MOTOR [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM, OPERATION METHOD OF FUEL CELL, AND FUEL CELL AUTOMOBILE
JP2010003508	JP20080160438 20080619	NISSAN MOTOR [JP]	H01M8/02	FUEL CELL SEPARATOR, ITS MANUFACTURING METHOD, AND FUEL CELL
JP2010003478	JP20080159945 20080619	NISSAN MOTOR [JP]	H01M4/86; H01M4/88; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2010001510	JP20080159339 20080618	NISSAN MOTOR [JP]	C23C8/38; C22C38/00; C22C38/50; H01M8/00; H01M8/02	TRANSITION METAL NITRIDE, SEPARATOR FOR FUEL CELL, FUEL CELL STACK, FUEL CELL VEHICLE, MANUFACTURING METHOD OF TRANSITION METAL NITRIDE, AND MANUFACTURING METHOD OF FUEL CELL SEPARATOR
EP2158632	WO2008IB01586 20080618; JP20070162909 20070620; JP20080041828	NISSAN MOTOR [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME

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	20080222			
EP2158959	WO2008JP60342 20080605; JP20070162395 20070620; JP20080010050 20080121	NISSAN MOTOR [JP]	B01D69/12; B01D53/22; B01D71/02; C01B3/56; H01M8/06	HYDROGEN SEPARATION APPARATUS AND PROCESS FOR MANUFACTURING THE SAME
EP2158631	WO2008IB01585 20080618; JP20070162905 20070620; JP20070162906 20070620; JP20080041829 20080222	NISSAN MOTOR [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND OPERATION METHOD THEREOF
US2010035095	JP20040354304 20041207; WO2005JP21940 20051122	NISSAN MOTOR [JP]	H01M8/00; H01M8/04	FUEL CELL SYSTEM
EP2151002	WO2008JP01305 20080526; JP20070141986 20070529	NISSAN MOTOR [JP]	H01M8/04; H01M8/06; H01M8/12; H01M8/24	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
EP2160782	WO2008JP01413 20080604; JP20070168140 20070626; JP20080040176 20080221	NISSAN MOTOR [JP]	H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE AND MEMBRANE ELECTRODE ASSEMBLY USING THE SAME
DE112004002237	JP20030391044 20031120; JP20040150157 20040520;	NISSAN MOTOR [JP]	H01M8/02; H01M8/10; H01M8/24	VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER BRENNSTOFFZELLE

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	WO2004JP16387 20041028			
EP2176912	WO2008IB02123 20080804; JP20070207772 20070809	NISSAN MOTOR [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM WITH ANODE PURGE AND EXHAUST DILUTION DEVICE AND METHOD FOR CONTROLLING SAID FUEL CELL SYSTEM
US2010086830	JP20030382655 20031112; WO2004JP16380 20041028	NISSAN MOTOR [JP]	H01M4/00; H01M4/86; H01M8/10	ELECTROLYTIC MEMBRANE STRUCTURE FOR FUEL CELL AND FUEL CELL
US2010119916	US20100692191 20100122; JP20040181235 20040618; US20050154957 20050617	NISSAN MOTOR [JP]	H01M2/00; H01M8/04; H01M8/06; H01M8/24	FUEL CELL HOUSING STRUCTURE
EP2201635	WO2008IB01972 20080729; JP20070197728 20070730	NISSAN MOTOR [JP]	H01M8/04; H01M16/00	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
EP2191529	WO2008IB02364 20080908; JP20070238728 20070914	NISSAN MOTOR [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM WITH REFORMED FUEL MOISTURE QUANTITY ADJUSTMENT
WO2010061696	JP20080300133 20081125; JP20080301309 20081126; JP20080303217 20081127; JP20080303219 20081127; JP20080303223	NISSAN MOTOR [JP]; HIMENO TOMOKATSU; MIYAZAWA ATSUSHI; YAGINUMA MOTOKI; YAMAMOTO KEISUKE; OKADA KEIJI; YAMAZAKI TSUTOMU; NUMAO YASUHIRO; TSUDA TOSHIHIKO	H01B5/02; H01M8/00; H01M8/02; H01M8/10	CONDUCTIVE MEMBER AND SOLID STATE POLYMER FUEL CELL USING SAME

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	20081127; JP20090142600 20090615			
WO2010058747	JP20080298191 20081121; JP20080302465 20081127	NISSAN MOTOR [JP]; ICHIKAWA YASUSHI; IKEZOE KEIGO; GOTO KENICHI; NAKAYAMA KEN; KUMADA MITSUNORI; TOMITA YOUSUKE	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING SAME
WO2010061711	JP20080304983 20081128; JP20080305400 20081128	NISSAN MOTOR [JP]; KAGEYAMA KAZUHIRO; NUMAO YASUHIRO; HIMENO TOMOKATSU; MIYAZAWA ATSUSHI; YAMAZAKI TSUTOMU	H01M8/02; H01M8/00; H01M8/10	SEALING STRUCTURE AND FUEL CELL COMPRISING THE SEALING STRUCTURE
JP2010019334	JP20080180153 20080710	NISSAN MOTOR [JP]; KAWASAKI PREC MACHINERY LTD	F17C5/06; F17C7/00	GAS CHARGING FEEDING METHOD AND GAS CHARGING FEEDING DEVICE
WO2010026819	JP20080226834 20080904; JP20090106916 20090424	NISSAN MOTOR [JP]; KUMADA MITSUNORI; SHIMOI RYOICHI; CHIKUGO HAYATO; AOYAMA TAKASHI	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL METHOD
WO2010053027	JP20080283149 20081104	NISSAN MOTOR [JP]; MATSUMOTO MICHIIHIKO; SUZUKI KEISUKE	H01M8/04	FUEL BATTERY GENERATION CONTROL DEVICE AND GENERATION CONTROL METHOD
WO2010015920	JP20080204390 20080807	NISSAN MOTOR [JP]; NAGAHARA YOSHIKI [JP]	H01M8/04; B60L11/18; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR RECOVERING PERFORMANCE OF A FUEL CELL
WO2010035580	JP20080247885 20080926	NISSAN MOTOR [JP]; SATO MASASHI; MAESHIMA SUSUMU	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL METHOD
WO2010029814	JP20080231914 20080910	NISSAN MOTOR [JP]; SUGAWARA SEIHO;	H01M8/04; H01M8/00	OPERATION CONTROL DEVICE AND OPERATION CONTROL METHOD FOR FUEL CELL

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		UCHIMURA MASANOBU; ZHANG JIANBO; HORIBE NORIFUMI		
WO2010029797	JP20080230917 20080909	NISSAN MOTOR [JP]; TAKEMOTO SHINICHIRO; WAKABAYASHI KEISUKE; OSADA TAKAHITO	B60L11/18; H01M8/00; H01M8/04	VEHICLE FUEL CELL COOLING SYSTEM
WO2010061703	JP20080305002 20081128	NISSAN MOTOR [JP]; TANAKA SHIRO	H01M4/86; H01M8/00; H01M8/02; H01M8/10	SOLID STATE POLYMER FUEL CELL
WO2010058258	JP20080295450 20081119	NISSAN MOTOR [JP]; UEHARA SHIGETAKA [JP]; NUMAO YASUHIRO [JP]	H01M8/02; H01M8/10	FUEL CELL STACK
WO2010035815	JP20080247729 20080926; JP20090148052 20090622	NISSAN MOTOR [JP]; UNIV YAMANASHI [JP]; WAKI NORIHISA; FURUYA NAGAKAZU	H01M4/86; H01M4/88; H01M4/96	GAS DIFFUSION LAYER FOR FUEL CELL
EP2190048	WO2008JP65703 20080902; JP20070236090 20070912	NISSHINBO HOLDINGS INC [JP]	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL
WO2010064556	JP20080307848 20081202	NISSHINBO HOLDINGS INC [JP]; OZAKI JUN-ICHI [JP]; KISHIMOTO TAKEAKI [JP]	B01J21/18; B01J37/00; B01J37/08; C01B31/02; H01M4/96	CARBON CATALYST, METHOD FOR MANUFACTURING THE CARBON CATALYST, AND ELECTRODE AND BATTERY USING THE CARBON CATALYST
WO2010064555	JP20080307847 20081202	NISSHINBO HOLDINGS INC [JP]; OZAKI JUN-ICHI [JP]; KOSHIGOE YUKA [JP]; KISHIMOTO TAKEAKI [JP]	B01J21/18; B01J37/00; B01J37/06; B01J37/08; C01B31/02; H01M4/90	CARBON CATALYST, METHOD FOR MANUFACTURING THE CARBON CATALYST, AND ELECTRODE AND BATTERY USING THE CARBON CATALYST

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CN101656318	JP20040351572 20041203	NITTO DENKO CORP [JP]	H01M8/02	PRODUCTION METHOD OF ELECTROLYTE MEMBRANE, ELECTROLYTE MEMBRANE AND SOLID POLYMER FUEL CELL USING SAME
US2010047653	JP20080215210 20080825	NITTO DENKO CORP [JP]	H01M8/10; H05K1/00	PRINTED CIRCUIT BOARD AND FUEL CELL
US2010081030	JP20060318297 20061127; WO2007JP73258 20071126	NODONO MITSUNORI [JP]	H01M8/10; B05D5/12	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE AND POLYMER ELECTROLYTE MEMBRANE
US2010068588	JP20060301140 20061107; JP20060301834 20061107; JP20070040737 20070221; WO2007JP71550 20071106	NOGI ATSUSHI [JP]; OKANISHI TAKEOU [JP]; TSUJI YOICHIRO [JP]; MUTA AOI [JP]; SHINTANI HARUHIKO [JP]; TAKEBE YASUO [JP]	H01M8/10; H01M4/00	MEMBRANE-MEMBRANE REINFORCING MEMBRANE ASSEMBLY, MEMBRANE-CATALYST LAYER ASSEMBLY, MEMBRANE-ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
EP2202833	EP20000937221 20000614; JP19990198413 19990713; JP19990293988 19991015; JP19990308424 19991029; JP19990347120 19991207	NOK CORP [JP]	H01M8/02; B29C45/14; F16J15/00; F16J15/10; F16J15/14	GASKET FOR FUEL CELL AND METHOD OF FORMING IT
WO2010050339	JP20080281715 20081031	NOK CORP [JP]; SHIMAZOE TOSHIHIRO [JP]; KURANO YOSHIHIRO [JP]; WATANABE SHIGERU [JP]	H01M8/02; H01M8/10	FUEL CELL SEALING STRUCTURE
JP2010015908	JP20080176351 20080704	NORITAKE CO LTD	H01M4/96; H01M4/88;	SUBSTRATE FOR GAS DIFFUSION ELECTRODE AND METHOD FOR MANUFACTURING THE SAME, AND

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			H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY
JP2010008016	JP20080170381 20080630	NORITZ CORP	F24H1/00; F24D17/00; F24H1/18; H01M8/00; H01M8/04	HOT WATER SUPPLY SYSTEM AND COGENERATION SYSTEM
JP2010008015	JP20080170380 20080630	NORITZ CORP	F24H1/00; F24H1/18; H01M8/00; H01M8/04	HOT WATER SUPPLY SYSTEM AND COGENERATION SYSTEM
BRPI0802591	BR2008PI02591 20080721	NOVOCELL SIST S DE EN S A [BR]	C04B35/52; C25B9/04; H01B1/24; H01M8/10	GRAFITE DE ALTA CONDUTIVIDADE ELÉTRICA COMO ADITIVO EM MATERIAIS COMP ³ / ₄ SITOS UTILIZADOS EM PLACAS SEPARADORAS BIPOLARES DE CÚLULAS A COMBUSTÍVEL
AT466383T	DE200410007104 20040213; US20040566508P 20040429; WO2005US04516 20050211	NUCELLSYS GMBH [DE]	H01M8/04	BRENNSTOFFZELLENSYSTEM MIT VARIABLEN COANDA-VERSTÖRKERN ZUR GASREZIRKULATION UND SYSTEMDRUCKREGELUNG
US2010009223	US20090489403 20090622; US20080074819P 20080623	NUVERA FUEL CELLS INC	H01M2/02; H01M8/04	FUEL CELL STACK WITH INTEGRATED PROCESS ENDPLATES
US2010009233	US20090489393 20090622; US20080074805P 20080623	NUVERA FUEL CELLS INC	H01M8/10	FUEL CELL WITH REDUCED MASS TRANSFER LIMITATIONS
US2010040926	US20090489406 20090622; US20080074814P 20080623	NUVERA FUEL CELLS INC	H01M8/10; H01M2/00; H01M4/86	CONSOLIDATED FUEL CELL ELECTRODE
US2010068579	US20080232309	NUVERA FUEL CELLS INC	H01M8/06;	SYSTEMS AND METHODS FOR FUEL CELL GAS

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	20080915		H01M8/04	CIRCULATION
US2010021790	US20090455189 20090529; US20080130613P 20080530	OAKLAND UNIVERSITY [US]	H01M8/10	ELASTOMERIC BIPOLAR PLATES
US2010062304	JP20070017872 20070129; JP20070058844 20070308; WO2008JP51260 20080129	OKANISHI TAKEOU [JP]; NOGI ATSUSHI [JP]; TSUJI YOICHIRO [JP]	H01M8/10	MEMBRANE MEMBRANE-REINFORCEMENT-MEMBER ASSEMBLY, MEMBRANE CATALYST-LAYER ASSEMBLY, MEMBRANE ELECTRODE ASSEMBLY AND POLYMER ELECTROLYTE FUEL CELL
GB2465313	WO2008JP65582 20080829; JP20070230486 20070905	OLYMPUS CORP [JP]	C01B3/04; H01M8/06	HYDROGEN GENERATOR AND FUEL STICK
JP2010021122	JP20080183169 20080714	OLYMPUS CORP [JP]; UNIV NAGAOKA TECHNOLOGY	H01M8/04; H01M8/00	TWO-POWER SOURCE SYSTEM
CN101673830	JP20060284196 20061018	OLYMPUS IMAGING CORP	H01M8/00; H01M8/04; H01M10/44; H02J7/00	FUEL BATTERY SYSTEM AND DEVICE FOR TERMINAL USING THE FUEL BATTERY SYSTEM
US2010086822	GB20070003550 20070223; WO2008GB50117 20080221	OMERSA KENNETH EDWARD ANTHONY [GB]	H01M8/10	FUEL CELL ELEMENTS
US2010105786	JP20040029040 20040205; JP20040150075 20040520; WO2005JP01865 20050202	ONODERA TORU [JP]; OHUCHI KAZUEL [JP]; SASAKI SHIGERU [JP]	C08G16/00; C08G61/10; C08G61/00; C08G75/00; C08J5/20; H01B1/06; H01B1/12; H01M8/02;	METHOD FOR PRODUCING POLYMER COMPOUND

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			H01M8/10	
DE112008001077T	RU20070116026 20070427; WO2008RU00255 20080422	OOO NATSIONALNAJA INNOVATIONN [RU]	H01M4/88; H01M8/12	KATODENWERKSTOFF FÜR EINE HARTOXIDBRENNSTOFFZELLE AUF DER BASIS VON KOBALTHALTIGEN PEROWSKITÖHNLICHEN OXIDEN DER ÜBERGANGSMETALLE
US2010108588	US20100685484 20100111; US20090409457 20090323; US20050198703 20050805; US20040795944 20040308; US20020270420 20021015; US20020107614 20020326; US20000612776 20000710; US19990468427 19991221; US19990229279 19990113; US19970934548 19970922; US19950552226 19951102; US20040599355P 20040806	OPENCEL LLC [US]	C02F3/12; H01M8/16	METHOD OF AND APPARATUS FOR CONVERTING BIOLOGICAL MATERIALS INTO ENERGY RESOURCES
EP2168679	EP20010965667 20010914; JP20000281936 20000918; JP20010140385	OSAKA GAS CO LTD [JP]	B01J23/46; B01J35/00; B01J37/16; B01J37/18; C01B3/58;	METHOD OF REMOVING CARBON MONOXIDE

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	20010510		C10K3/04; H01M8/04; H01M8/06; H01M8/10	
JP2010009926	JP20080167683 20080626	OSAKA GAS CO LTD [JP]; KYOCERA CORP	H01M8/24; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
US2010003549	JP20060245548 20060911; WO2007JP68001 20070907	OTA HISAYOSHI [JP]; YAMADA KAZUYORI [JP]; TSUNOKAWA MASARU [JP]; KATO MANABU [JP]; YOSHIKAWA HIROO [JP]	H01M8/10; H01M8/04	FUEL CELL, FUEL CELL SYSTEM, AND CONTROL METHOD OF FUEL CELL SYSTEM
WO2010000049	BR2008PI03895 20080703	OXITENO S A IND E COM [BR]; INST ALBERTO LUIZ COIMBRA DE P [BR]; DE MIRANDA PAULO EMILIO VALADA [BR]; DE SA LUIS GUILHERME [BR]; GUTIERRES TAISA EVA FUZIGER [BR]; VENANCIO SELMA APARECIDA [BR]; LEOCADIO ISABELA CALDEIRA LEIT [BR]; BALDANZA MARIA AUXILIADO	H01M4/90; H01M4/86; H01M8/12	A METHOD FOR THE PRODUCTION OF LIGHT HYDROCARBONS FROM GAS WITH HIGH METHANE CONTENT, A SOLID OXIDE FUEL CELL USED FOR THE PRODUCTION OF LIGHT HYDROCARBONS FROM GAS WITH HIGH METHANE CONTENT, AND A CATALYST FOR THE PRODUCTION OF LIGHT HYDROCARBONS FR
US2010015488	JP20070037161 20070216; JP20070181263 20070710; WO2007JP74719 20071221	OZAKI TORU [JP]; IWASAKI FUMIHARU [JP]; YUZURIHARA KAZUTAKA [JP]; SARATA TAKAFUMI [JP]; TAMACHI TSUNEAKI [JP]; YANASE NORIMASA [JP]; ISHISONE NOBORU [JP]	H01M8/10	FUEL CELL
DK1693916T	DE200510006868 20050215	P21 POWER FOR THE 21ST CENTURY [DE]	H01M8/04; H01M8/06	FORVARMER TIL EN BRØDSELSCELLE

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DK1526598T	DE20031049833 20031025	P21 POWER FOR THE 21ST CENTURY [DE]	H01M8/04	FREMGANGSMÖDE TIL INDIREKTE BESTEMMELSE AF FUGTIGHEDEN AF GASSER I EN BRÖNDSSELSCELLE
AT452433T	DE20011032370 20010704; WO2002DE02417 20020703	P21 POWER FOR THE 21ST CENTURY [DE]; KARLSRUHER INST FUER TECHNOLOG [DE]	H01M8/04; B01D1/00; H01M8/06	VORRICHTUNG UND VERFAHREN ZUM VERDAMPFEN FLÜSSIGER MEDIEN
CZ20523U	CZ20090021849U 20091022	PADALIK VLADISLAV [CZ]	H01M8/04	OXYGEN-HYDROGEN FUEL CELL
JP2010021141	US20080168953 20080708	PALO ALTO RES CT INC [US]	H01M8/02; B01D53/22; B01J27/236; C01B31/20; C25B1/00	SEPARATION OF GAS USING IMMOBILIZED BUFFER
JP2010013302	JP20080172998 20080702	PANASONIC CORP [JP]	C01B3/38; H01M8/06	HYDROGEN GENERATING UNIT
JP2010015742	JP20080172997 20080702	PANASONIC CORP [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2010015741	JP20080172996 20080702	PANASONIC CORP [JP]	H01M8/04; H02J3/38; H02M7/48	FUEL CELL SYSTEM
KR20100002253	JP20080140111 20080528	PANASONIC CORP [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2010017076	JP20030389885 20031119; JP20090236637 20091013	PANASONIC CORP [JP]	H02J3/46; H01M8/04; H02P9/00	GENERATOR CONTROL SYSTEM, GENERATOR CONTROL METHOD, PROGRAM, AND RECORDING MEDIUM
JP2010021114	JP20080183011 20080714	PANASONIC CORP [JP]	H01M4/86; H01M8/02	DIRECT OXIDATION TYPE FUEL CELL
JP2010021097	JP20080182602 20080714	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM
JP2010020958	JP20080178831 20080709	PANASONIC CORP [JP]	H01M8/06; H01M8/04; H01M8/10	FUEL CELL SYSTEM

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JP2010022104	JP20080178830 20080709	PANASONIC CORP [JP]	H02H7/122; H01M8/04; H02M3/28; H02M7/48	POWER CONVERTER FOR FUEL CELL
JP2010014373	JP20080176551 20080707	PANASONIC CORP [JP]	F24H1/00; H01M8/00; H01M8/04	COGENERATION DEVICE
JP2010013323	JP20080175422 20080704	PANASONIC CORP [JP]	C01B3/38	REFORMING APPARATUS AND METHOD FOR MANUFACTURING THE SAME
JP2010010029	JP20080170087 20080630	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM AND ITS CONTROL CIRCUIT
JP2010010021	JP20080169994 20080630	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM, INSTALLATION METHOD OF FUEL CELL SYSTEM AND VENTILATION SYSTEM
JP2010009966	JP20080168778 20080627	PANASONIC CORP [JP]	H01M8/04; H01M8/06	POWER SOURCE DEVICE
JP2010009844	JP20080166007 20080625	PANASONIC CORP [JP]	H01M8/24	FUEL CELL STACK
JP2010009755	JP20080164095 20080624	PANASONIC CORP [JP]	H01M8/04	FUEL CELL STACK
JP2010009754	JP20080164094 20080624	PANASONIC CORP [JP]	H01M8/24; H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
JP2010011527	JP20080164076 20080624	PANASONIC CORP [JP]	H02J3/46; H01M8/00; H01M8/04	DISTRIBUTED POWER GENERATING SYSTEM AND ITS CONTROL METHOD
JP2010003608	JP20080162926 20080623	PANASONIC CORP [JP]	H01M8/04; F24H1/18; H01M8/00	FUEL CELL ELECTRIC POWER GENERATION SYSTEM
JP2010003717	JP20080158673 20080618	PANASONIC CORP [JP]	H01G9/016	CAPACITOR
CN101636867	JP20070066860 20070315	PANASONIC CORP [JP]	H01M8/02	POLYMER ELECTROLYTE FUEL CELL AND FUEL CELL STACK HAVING THE SAME
EP2154745	WO2008JP00980	PANASONIC CORP [JP]	H01M8/04;	POLYELECTROLYTE-TYPE FUEL CELL AND VOLTAGE

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	20080414; JP20070123661 20070508		H01M8/02; H01M8/10; H01M8/24	MEASUREMENT METHOD OF CELL IN THE SAME
EP2166608	WO2008JP01302 20080526; JP20070159797 20070618	PANASONIC CORP [JP]	H01M8/06; B01D61/00; H01M8/04; H01M8/10	FUEL CELL SYSTEM
CN101632192	JP20070064685 20070314	PANASONIC CORP [JP]	H01M8/02	MEMBRANE-MEMBRANE REINFORCING MEMBER ASSEMBLY, MEMBRANE-CATALYST LAYER ASSEMBLY, MEMBRANE-ELECTRODE ASSEMBLY, POLYMER ELECTROLYTE FUEL CELL, AND PROCESS FOR PRODUCING MEMBRANE-ELECTRODE ASSEMBLY
CN101632196	JP20070065887 20070314	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL SYSTEM OPERATION METHOD
EP2159866	WO2008JP01497 20080612; JP20070159796 20070618	PANASONIC CORP [JP]	H01M8/24	FUEL CELL STACK AND FUEL CELL USING THE SAME
KR20100012038	JP20080143028 20080530	PANASONIC CORP [JP]	H01M8/06; C01B3/38	FUEL PROCESSOR
EP2157643	WO2008JP01456 20080609; JP20070152316 20070608	PANASONIC CORP [JP]	H01M4/86; H01M8/02; H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
CN101689667	WO2009JP02534 20090604; JP20080146412 20080604	PANASONIC CORP [JP]	H01M8/06; C01B3/38; H01M8/04	FUEL CELL POWER GENERATION SYSTEM, AND METHOD FOR OPERATING FUEL CELL POWER GENERATION SYSTEM
CN101687637	WO2009JP01863 20090423; JP20080113554 20080424	PANASONIC CORP [JP]	C01B3/38; H01M8/04; H01M8/06	HYDROGEN PRODUCTION DEVICE, AND FUEL CELL SYSTEM PROVIDED WITH THE SAME
CN101689666	WO2008JP01748	PANASONIC CORP [JP]	H01M8/04;	POWER GENERATING SYSTEM

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	20080703; JP20070175886 20070704		H01M8/06	
CN101687635	WO2008JP01738 20080702; JP20070175952 20070704; JP20070231614 20070906	PANASONIC CORP [JP]	C01B3/38; B01D53/04; H01M8/06; H01M8/10	HYDROGEN PRODUCING APPARATUS, METHOD OF OPERATING HYDROGEN PRODUCING APPARATUS AND FUEL CELL POWER GENERATING SYSTEM
CN101682066	WO2009JP01093 20090311; JP20080063228 20080312; JP20080063229 20080312	PANASONIC CORP [JP]	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM
CN101682065	WO2009JP01094 20090311; JP20080061584 20080311; JP20080235288 20080912	PANASONIC CORP [JP]	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM AND METHOD OF OPERATING THE SAME
CN101679892	WO2009JP00794 20090224; JP20080044200 20080226	PANASONIC CORP [JP]	C10L3/10; C01B3/38; H01M8/06	DESULFURIZER, HYDROGEN GENERATION APPARATUS, FUEL CELL POWER GENERATING SYSTEM, AND DESULFURIZING AGENT CARTRIDGE
CN101682067	WO2009JP00746 20090220; JP20080038238 20080220	PANASONIC CORP [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM
EP2166603	WO2008JP01659 20080625; JP20070165769 20070625	PANASONIC CORP [JP]	H01M4/90; H01M4/86; H01M8/02; H01M8/10	FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY, AND MEMBRANE-CATALYST LAYER ASSEMBLY

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EP2178149	EP20020730684 20020522; JP20010176231 20010611; JP20010154584 20010523	PANASONIC CORP [JP]	H01M8/06; H01M8/04; H01M8/10	FUEL CELL POWER GENERATION SYSTEM
EP2178147	WO2008JP02104 20080805; JP20070207590 20070809; JP20070234940 20070911; JP20070254021 20070928	PANASONIC CORP [JP]	H01M8/04; B65D83/00	FUEL SUPPLY DEVICE
EP2178146	WO2008JP02103 20080805; JP20070207591 20070809; JP20070254020 20070928	PANASONIC CORP [JP]	H01M8/04	FUEL SUPPLY DEVICE
EP2172420	WO2008JP01800 20080704; JP20070187250 20070718	PANASONIC CORP [JP]	C01B3/38; C01B3/48; H01M8/06	HYDROGEN GENERATION SYSTEM, FUEL CELL SYSTEM, AND METHOD FOR OPERATION OF HYDROGEN GENERATION SYSTEM
EP2190053	WO2008JP02763 20081002; JP20070291493 20071109	PANASONIC CORP [JP]	H01M8/04; B65D83/00	FUEL SUPPLY SYSTEM
EP2190050	WO2008JP02105 20080805; JP20070234939 20070911	PANASONIC CORP [JP]	H01M8/04; H01M8/10	FUEL SUPPLY ADAPTER DEVICE AND FUEL SUPPLY DEVICE
EP2187470	WO2008JP02604	PANASONIC CORP [JP]	H01M8/04	FUEL SUPPLY APPARATUS

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	20080922; JP20070274987 20071023			
EP2187471	WO2008JP02290 20080825; JP20070231615 20070906	PANASONIC CORP [JP]	H01M8/06; H01M8/04	FUEL CELL POWER GENERATING SYSTEM AND FUEL CELL POWER GENERATING SYSTEM OPERATING METHOD
US2010159345	JP20080319837 20081216; JP20080319838 20081216; WO2009JP06763 20091210	PANASONIC CORP [JP]	H01M8/24; H01M8/00	CELL STACK OF FUEL CELL AND METHOD OF FASTENING CELL STACK OF FUEL CELL
US2010143812	US20100708835 20100219; JP20030276980 20030718; JP20030276981 20030718; US20040894221 20040719	PANASONIC CORP [JP]	H01M8/04; H01M16/00	POWER SUPPLY DEVICE
WO2010032439	JP20080238825 20080918	PANASONIC CORP [JP]; GEMBA MIHO; TSUJI YOICHIRO	H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL STACK PROVIDED WITH SAME
WO2010010659	JP20080189300 20080723	PANASONIC CORP [JP]; KOZU KATSUMI; KIMURA TADAO	H01M8/24; H01M8/02; H01M8/04; H01M8/10	FUEL CELL STACK AND FUEL BATTERY USING THE SAME
WO2010016248	JP20080203983 20080807	PANASONIC CORP [JP]; KOZU KATSUMI; KIMURA TADAO	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK AND FUEL CELL USING SAME
WO2010016247	JP20080203982 20080807	PANASONIC CORP [JP]; KOZU KATSUMI; KIMURA	H01M8/24; H01M8/10	FUEL CELL STACK AND FUEL CELL SYSTEM EMPLOYING THE SAME

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		TADAO		
WO2010010718	JP20080192200 20080725; JP20080230537 20080909	PANASONIC CORP [JP]; MAENISHI AKIRA; MUKAI YUUIJI; FUJIOKA HIROKI; YUKIMASA AKINORI; TAGUCHI KIYOSHI; YASUDA SHIGEKI; NAKAMURA AKINARI	C01B3/38; H01M8/06	HYDROGEN GENERATION DEVICE AND FUEL CELL SYSTEM PROVIDED THEREWITH
WO2010029729	JP20080233203 20080911	PANASONIC CORP [JP]; MITSUI MASAKI; KIMURA TADAO; KOZU KATSUMI	H01M8/04; G01F23/26; H01M8/06; H01M8/10	FUEL BATTERY SYSTEM
WO2010029721	JP20080233201 20080911	PANASONIC CORP [JP]; MITSUI MASAKI; KIMURA TADAO; KOZU KATSUMI	H01M8/04	METHOD FOR CONTROLLING THE FLOW RATE OF FUEL SUPPLIED TO A FUEL CELL, FUEL SUPPLY DEVICE, AND FUEL CELL SYSTEM USING THE SAME
WO2010029696	JP20080233202 20080911	PANASONIC CORP [JP]; MITSUI MASAKI; KIMURA TADAO; KOZU KATSUMI	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR
WO2010029744	JP20080234695 20080912; JP20090174071 20090727	PANASONIC CORP [JP]; MIYAUCHI SHINJI; OISHI HITOSHI; ADACHI KAZUHIRO; KATOU MOTOMICHI	H01M8/04	POWER GENERATOR
WO2010018656	JP20080207198 20080811	PANASONIC CORP [JP]; NAGAI HIROYUKI; MATSUMOTO TOSHIHIRO; NAKAGAWA TAKASHI; YAMAGUCHI YOKO	H01M8/02; H01M8/10	FUEL CELL SEPARATOR, AND FUEL CELL
WO2010055607	JP20080290010 20081112	PANASONIC CORP [JP]; NAKAGAWA TAKASHI; MATSUMOTO TOSHIHIRO; TAKEGUCHI SHINSUKE; YOSHIMOTO MIYUKI	H01M8/02; H01M8/04; H01M8/10	FUEL CELL
WO2010064366	JP20080307651	PANASONIC CORP [JP];	H01M8/02;	FUEL CELL

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	20081202	NAKAGAWA TAKASHI; MATSUMOTO TOSHIHIRO; TAKEGUCHI SHINSUKE; YOSHIMOTO MIYUKI	H01M8/10	
WO2010007759	JP20080182608 20080714	PANASONIC CORP [JP]; NAKAMURA AKINARI; YUKIMASA AKINORI; OHARA HIDEO; URATA TAKAYUKI	H01M8/04; H01M8/00	FUEL CELL SYSTEM
WO2010050226	JP20080279415 20081030; JP20090096315 20090410	PANASONIC CORP [JP]; NOMURA TAKAIKI; SUZUKI TAKAHIRO; TOKUHIRO KENICHI; KUROHA TOMOHIRO; TANIGUCHI NOBORU; HATOH KAZUHITO; TOKUMITSU SHUZO	C25B11/06; C25B5/00; H01M8/00; H01M8/06	PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME
WO2010029758	JP20080234829 20080912	PANASONIC CORP [JP]; OKANISHI TAKEOU; KOASHI NAOTSUGU; TAKEGUCHI SHINSUKE; TSUJI YOICHIRO	H01M8/02; H01M8/10; H01M8/24	POLYMER ELECTROLYTE FUEL CELL AND FUEL CELL STACK PROVIDED WITH SAME
EP2176907	WO2008US69734 20080711; US20070889102 20070809	PANASONIC CORP [JP]; PENN STATE RES FOUND [US]	H01M4/86; H01M4/92; H01M8/10	SUPPORTED CATALYST LAYERS FOR DIRECT OXIDATION FUEL CELLS
EP2183307	WO2008US69727 20080711; US20070889109 20070809	PANASONIC CORP [JP]; PENN STATE RES FOUND [US]	C08J5/22; H01M8/10	SURFACE-TREATED HYDROCARBON-BASED POLYMER ELECTROLYTE MEMBRANES FOR DIRECT OXIDATION FUEL CELLS
WO2010070849	JP20080319837 20081216; JP20080319838 20081216	PANASONIC CORP [JP]; SHIBATA SOICHI; KUSAKABE HIROKI; UNOKI SHIGEYUKI; NAGAO YOSHIKI; KAWABATA NORIIHIKO; IKESHIMA YUSUKE	H01M8/24	CELL STACK OF FUEL CELLS AND METHOD FOR FASTENING CELL STACK OF FUEL CELLS

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WO2010050199	JP20080278712 20081029	PANASONIC CORP [JP]; SHINTANI HARUHIKO; TSUJI YOICHIRO	H01M4/90; H01M4/86; H01M4/88; H01M8/04; H01M8/24	FUEL CELL, FUEL CELL SYSTEM, AND OPERATING METHOD FOR A FUEL CELL
WO2010058602	JP20080296969 20081120; JP20090021338 20090202	PANASONIC CORP [JP]; TAGUCHI KIYOSHI; SHIMADA TAKANORI; TANAKA YOSHIKAZU; TAMURA YOSHIO; YASUDA SHIGEKI	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATION DEVICE AND FUEL CELL SYSTEM USING SAME
WO2010058592	JP20080296969 20081120; JP20090068841 20090319	PANASONIC CORP [JP]; TAMURA YOSHIO; TAGUCHI KIYOSHI; TANAKA YOSHIKAZU; YASUDA SHIGEKI	C01B3/38; H01M8/04; H01M8/06; H01M8/12	HYDROGEN GENERATION DEVICE AND FUEL BATTERY SYSTEM HAVING SAME
WO2010058604	JP20080296968 20081120; JP20090021339 20090202	PANASONIC CORP [JP]; TAMURA YOSHIO; TANAKA YOSHIKAZU; TAGUCHI KIYOSHI; YASUDA SHIGEKI	H01M8/04; H01M8/00	FUEL CELL SYSTEM
WO2010041471	JP20080262517 20081009	PANASONIC CORP [JP]; UKAI KUNIHIRO; TAGUCHI KIYOSHI; TAMURA YOSHIO; FUJIHARA SEIJI; ASO TOMONORI	C01B3/38; H01M8/00; H01M8/04; H01M8/06	HYDROGEN GENERATOR, FUEL CELL SYSTEM, AND METHOD OF OPERATING HYDROGEN GENERATOR
WO2010023949	JP20080221401 20080829	PANASONIC CORP [JP]; UMEDA TAKAHIRO; YASUMOTO EIICHI; UNOKI SHIGEYUKI; SUGAWARA YASUSHI; SHIBATA SOICHI; SAKAI OSAMU	H01M8/04	FUEL BATTERY POWER GENERATION SYSTEM
WO2010050219	JP20080281548 20081031; JP20080281553	PANASONIC CORP [JP]; YAMAUCHI MASAKI; TSUJI YOICHIRO	H01M4/96; H01M4/88	GAS DIFFUSION LAYER FOR FUEL CELL, MANUFACTURING METHOD THEREFOR, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL

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	20081031			
WO2010050218	JP20080281548 20081031; JP20080281553 20081031; JP20090137118 20090608	PANASONIC CORP [JP]; YAMAUCHI MASAKI; TSUJI YOICHIRO	H01M4/96; H01M4/86; H01M4/88	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
WO2010058562	JP20080297541 20081121	PANASONIC CORP [JP]; ZENITANI YUJI; OTSUKA TAKASHI; SUZUKI TOMOKO; KOMORI TOMOYUKI	H01B13/00; H01B1/06; H01M8/02	PROTON-CONDUCTING STRUCTURE AND MANUFACTURING METHOD THEREOF
WO2010016420	JP20080204668 20080807	PANASONIC ELEC WORKS CO LTD [JP]; KOSHIN HIROAKI [JP]; KAGAWA TAKUYA [JP]; TAKEHARA KIYOTAKA [JP]	H02J3/38; G05F1/67; H01M8/00	POWER DISTRIBUTION SYSTEM
CN101662034	CN20091307744 20090925	PANGANG GROUP RES INST CO LTD; PANZHIHUA NEW STEEL & VANADIUM; PANZHIHUA IRON & STEEL RES; PANGANG GROUP	H01M8/18	METHOD FOR PREPARING ELECTROLYTE OF ALL- VANADIUM REDOX FLOW BATTERIES
US2010136377	US20090541109 20090813; US20080119670P 20081203	PARK JUN-YOUNG [KR]; LEE JIN-HWA [KR]; AN SEONG-JIN [KR]; LEE CHI-SEUNG [KR]; SUH JUN-WON [KR]	H01M8/00; H01M8/04; H01M8/18	FUEL CELL SYSTEM AND DRIVING METHOD THEREOF
KR20100040279	KR20100025167 20100322	PARK SOO KYU [KR]	H01M8/06; C01B3/02; H01M8/10	THE HYDROGEN GAS FOR CHEMISTRY SOLUTION OR METAL AN OXIDE COMPOUND ADSORPTION OCCLUSION POLYMER MEMBRANE FUEL CELL SYSTEM
EP2201434	WO2008US78703 20081003; US20070977145P 20071003	PARKER HANNIFIN CORP [US]; THOMPSON DALE R [US]	G05D23/19; H01M8/04	FUEL CELL/BATTERY THERMAL MANAGEMENT SYSTEM
US2010055514	US20090618564	PEARSON MARTIN T [CA]	H01M8/00;	METHOD AND APPARATUS FOR IMPROVING THE

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	20091113; US20030430903 20030506		H01M8/04; H01M16/00	PERFORMANCE OF A FUEL CELL ELECTRIC POWER SYSTEM
CN101673837	CN20091190202 20090922	PEKING UNIVERSITY SHENZHEN GRA	H01M8/16; C02F3/34; H01M2/14; H01M8/04	MICROBIAL FUEL CELLS SYSTEM AND METHOD FOR PROCESSING MICROBIAL WASTEWATER AND GENERATING ELECTRIC ENERGY
US2010024957	US20090576663 20091009; US20050525806 20050225; WO2003EP09200 20030820; US20020407115P 20020830	PEMEAS GMBH [DE]	B32B38/10; B32B3/10; B32B38/04; H01M8/00; H01M8/02; H01M8/10	FIXTURES AND METHODS FOR FACILITATING THE FABRICATION OF DEVICES HAVING THIN FILM MATERIALS
US2010151279	US20100710710 20100223; US20080177962 20080723; US20070799194 20070501; US20060796761P 20060502; US20070951303P 20070723	PENN STATE RES FOUND [US]	H01M8/16; B05D5/12	ELECTRODES AND METHODS FOR MICROBIAL FUEL CELLS
US2010143809	WO2005US47573 20051230	PERRY MICHAEL L [US]; EVANS CRAIG E [US]	H01M8/06	AIR BLEED THROUGH FUEL CELL FUEL RECYCLE LOOP
EP2158633	WO2008FR51097 20080619; FR20070055858 20070619; FR20070055859 20070619	PEUGEOT CITROEN AUTOMOBILES SA [FR]	H01M8/04; B60L11/18; F02B29/00; F02M31/00; F25B49/02; F28F27/00;	METHOD FOR CONTROLLING THE TEMPERATURE OF A CATHODE FEEDLINE OF A FUEL CELL

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			G05D23/00; G05D23/185	
FR2933239	FR20080003637 20080627	PEUGEOT CITROEN AUTOMOBILES SA [FR]	H01M8/04; H01M2/12	CULASSE DE DISTRIBUTION D'UNE PILE A COMBUSTIBLE
EP2162939	WO2008FR51066 20080613; FR20070055844 20070619; FR20070055856 20070619	PEUGEOT CITROEN AUTOMOBILES SA [FR]	H01M8/06; H01M8/04	PROCESS AND DEVICE FOR PASSIVE SECURIZATION OF A FUEL CELL ASSEMBLY
US2010151351	FR20060052047 20060607; FR20060052048 20060607; WO2007FR51348 20070529	PEUGEOT CITROEN AUTOMOBILES SA [FR]; CNRS CT NAT DE LA RECH SCIENT [FR]	H01M8/10; B01J39/20; C07D233/54; C07D235/04; C08J5/20	MONOMERS AND POLYMERS CARRYING IMIDAZOLE AND BENZIMIDAZOLE GROUPINGS, AND PROTON EXCHANGE MEMBRANE CONTAINING THE SAME FOR THE PRODUCTION OF A FUEL CELL
FR2934419	FR20080055160 20080728	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04	AUTONOMOUS POWER SUPPLY DEVICE FOR OPERATING PARAMETER MEASURING UNIT OF E.G. FUEL CELL IN MOTOR VEHICLE, HAS GENERATOR COMPRISING ELEMENTARY CELLS CONNECTED IN SERIES, AND MEASURING UNIT SUPPLIED WITH POWER BY GENERATOR
US2010098982	FR20050006602 20050628; WO2006FR01462 20060623	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04; H01M2/02; H01M2/08	MONOPOLAR FUEL CELL ENDPLATE AND FUEL CELL COMPRISING SAME
US2010129725	FR20050006559 20050628; WO2006FR01479 20060626	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04	FUEL CELL BIPOLAR PLATE WITH INTEGRATED SEALING AND FUEL CELL COMPRISING SUCH PLATES
US2010151347	FR20050006600 20050628; WO2006FR01461	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE	H01M8/10; H01M4/64	BIPOLAR PLATE FOR FUEL CELL COMPRISING A HOUSING FOR MEASURING CONNECTOR

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	20060623	ATOMIQUE [FR]		
WO2010012618	FR20080055173 20080728	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]; ROY FRANCIS [FR]; DOLHAGARAY JEAN-CLAUDE [FR]; GIRAUD ALAIN [FR]; JOFFRE FRANCIS [FR]	H01M8/04; G01R15/22; H03M1/60	METHOD AND DEVICE FOR NUMERICALLY REPRESENTING A VOLTAGE
FR2936522	FR20080056556 20080930	PEUGEOT CITROEN AUTOMOBILES SA [FR]; UNIV MONTPELLIER 2 [FR]; CENTRE NAT RECH SCIENT [FR]	C08F8/30; C08F16/28; H01M8/10	PROCEDE DE SYNTHESE DE POLYMERES ET LEUR UTILISATION POUR REALISER DES MEMBRANES ANHYDRES POUR PILES A COMBUSTIBLE.
US2010003553	US20090381949 20090317; US20080070357P 20080320	PFEFFERLE WILLIAM C [US]	H01M8/04; C10J3/00; F02C3/28; F02C7/00	METHOD FOR IMPROVED EFFICIENCY FOR PRODUCING FUEL GAS FOR POWER GENERATION
WO2010025478	ZA20080007635 20080828; ZA20090003180 20090507	PFK ELECTRONICS PTY LTD [ZA]; DEVINE DONOVAN PAUL [ZA]	H01M8/04	THERMOELECTRIC MODULE FOR A FUEL CELL IN A BREATH ALCOHOL CONCENTRATION MEASUREMENT DEVICE
EP2141761	DE200810031280 20080702	PIERBURG GMBH [DE]	H01M8/04	ANODE GAS CIRCUIT OF A FUEL CELL SYSTEM AND METHOD FOR ACTIVATING AND DEACTIVATING SUCH AN ANODE GAS CIRCUIT OF A FUEL CELL SYSTEM
US2010038082	US20090496456 20090701; US20080089554P 20080817	PIONEER ENERGY INC [US]	E21B43/16; B01J10/00; F27B15/14; G05B19/042; H02K7/18	PORTABLE RENEWABLE ENERGY SYSTEM FOR ENHANCED OIL RECOVERY (PRESEOR) USING BIOMASS HAVING NET NEGATIVE CO2 EMISSIONS AND FOR GENERATING ELECTRICITY HAVING ZERO CO2 EMISSIONS
KR20100036332	DE200710034967 20070726	PLANSEE SE [AT]	H01M8/02; H01M8/12	FUEL CELL AND METHOD FOR PRODUCTION THEREOF
KR20100067662	GB20070019009	PLUS ENERGY LTD H [GB]	H01M8/16;	HYDROGEN AND ELECTRICAL CURRENT PRODUCTION

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	20070928		C12P3/00; H01M8/02	FROM A PHOTOSYNTHETICALLY DRIVEN SEMI BIOLOGICAL DEVICES(SBDS)
KR20100032032	KR20080090978 20080917	POSTECH ACAD IND FOUND [KR]	H01M2/20; H01M8/04; H01M8/10	A METHOD FOR CONNECTING UNIT CELLS OF THICK-FILM ELECTROLYTE SUPPORTED SOLID OXIDE FUEL CELLS AND FUEL CELLS MANUFACTURED THEREBY
US2010151357	KR20060126883 20061213; WO2007KR03474 20070718	POSTECH ACAD IND FOUND [KR]	H01M8/02	METALLIC SEPARATOR FOR FUEL CELL
EP2160786	WO2007IB03302 20071001; RU20060134751 20061003	POWER KNOWLEDGE LIMITED [GB]	H01M8/16	BIOELECTROCHEMICAL REACTOR
WO2010042659	US20080103527P 20081007; US20090233104P 20090811	PREMIUM POWER CORP [US]; COLELLO GARY M [US]; DARCY DENNIS M [US]; STEVENS GEORGE B [US]	H01M8/00	SYSTEM AND METHOD FOR TRANSPORTING ENERGY
US2010112196	US20090589857 20091028; US20080198369P 20081104	PRINZ FRIEDRICH B [US]; GUER TURGUT M [US]	H01M8/10	THIN FILM MEA STRUCTURES FOR FUEL CELL AND METHOD FOR FABRICATION
US2010000434	US20050036984 20050119; US20040538211P 20040123	PRISTASH DAVID J [US]	F23Q13/00; F42D1/04; H01M8/04; H01M8/10	MICRO FUEL CELL WITH MEMBRANE STORAGE
KR20100006815	KR20080066946 20080710	PRO POWER CO LTD [KR]	H01M8/04; H01M8/24	CIRCUIT BREAKER FOR BLOCKING OVERCURRENT FROM FUEL CELL STACK
KR20100001629	KR20080061616 20080627	PRO POWER CO LTD [KR]	H01M8/04; H01M8/06	FUEL DILUTING APPARATUS FOR DIRECT METHANOL FUEL CELL
KR20100001151	KR20080060959 20080626	PRO POWER CO LTD [KR]	H01M8/04; H01M8/06	THE APPARATUS SUPPLYING THE WATER OF REACTION FOR DIRECT METHANOL FUEL CELL DILUTION TANK
KR20100054364	KR20080113268 20081114	PRO POWER CO LTD [KR]	H01M8/02; H01M4/86;	CELL CONNECTION TERMINAL STRUCTURE OF FUEL CELL BIPOLAR PLATE USING BY PRINTED CIRCUIT

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			H05K1/14	BOARD
KR20100054216	KR20080113029 20081114	PRO POWER CO LTD [KR]	H01M8/02; H05K1/02	FUEL CELL BIPOLAR PLATE USING BY PRINTED CIRCUIT BOARD
GB2462904	GB20090013168 20090729	PROTEAN HOLDINGS CORP [US]	F01P7/14; B60K11/02; B60W10/30; B60W20/00; F01P3/02; F02G5/00; H01M8/04; H02K9/19	COOLING SYSTEM FOR A HYBRID ELECTRIC VEHICLE (HEV)
CN101636865	US20070889870P 20070214	PROTEUS BIOMEDICAL INC	H01M8/00	IN-BODY POWER SOURCE HAVING HIGH SURFACE AREA ELECTRODE
US2010108535	US20090627251 20091130; US20040004185 20041203; US20040941613 20040915; US20010909845 20010720; US20030481744P 20031205; US20000219528P 20000720	PROTON ENERGY SYS INC [US]	C25B15/02; C25B15/00; H01M8/04	SYSTEM FOR GENERATING HYDROGEN AND METHOD THEREOF
DE202009017419U	DE200920017419U 20091223	PROTON MOTOR FUEL CELL GMBH [DE]	H01M8/00; B63B35/44; B63B38/00; H01M8/04; H01M8/06	SCHWIMMFÖHIGES SYSTEM ZUR STROMVERSORGUNG VON WASSERFAHRZEUGEN
WO2010018227	DE200810037664 20080814	PROTON MOTOR FUEL CELL GMBH [DE]; GOETZ MICHAEL [DE]; KRAFT JUERGEN [DE]	H01M8/04; H01M8/00	INERTING FUEL CELL SYSTEMS

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IL170365	US20030450817P 20030227; WO2004US06016 20040227	PROTONEX TECHNOLOGY CORP [US]	H01M8/02; H01M8/04; H01M8/10; H01M8/24	EXTERNALLY MANIFOLDED MEMBRANE BASED ELECTROCHEMICAL CELL STACKS
KR20100020715	KR20080079440 20080813	PUSAN NAT UNIV IND COOP FOUND [KR]	H01M8/24; H01M8/04	A CLAMPING APPARATUS OF A FUEL CELL STACK
KR20100022362	KR20080081000 20080819	PUSAN NAT UNIV IND COOP FOUND [KR]	H01M8/04; H01M4/86; H01M8/24	A FUEL CELL WITH INSULATED MANIFOLD
KR100950595B	KR20090126296 20091217	PUSAN NAT UNIV IND COOP FOUND [KR]	H01M14/00; H01M8/04; H01M8/16	BIOLOGICAL POWER EQUIPMENT
US7700214	US20090624864 20091124; US20080117550P 20081124	QUANTUMSPHERE INC [US]	H01M8/04; H01M8/02	METAL HYDRIDE FUEL CELL CARTRIDGE AND ELECTROLYZER ELECTRODE
CN101682032	WO2007US72996 20070706; US20060482290 20060707	QUANTUMSPHERE INC [US]	H01M4/86; H01M4/90; H01M4/92; H01M8/10	ELECTROCHEMICAL CATALYSTS
US2010159348	US20100717830 20100304; US20070745957 20070508	QUANTUMSPHERE INC [US]	H01M8/10; C25C1/00; H01M8/08	ELECTRO-CATALYTIC RECHARGING COMPOSITION
US2010143821	US20070781909 20070723; US20060394456 20060331	QUANTUMSPHERE INC [US]	H01M4/92; B01J21/18; B01J23/42; B01J23/75; B01J31/06; H01B1/04; H01M4/88; H01M8/00; H01M8/10	COMPOSITIONS OF NANOMETAL PARTICLES CONTAINING A METAL OR ALLOY AND PLATINUM PARTICLES

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US2010035098	US20080221760 20080806	RAMANI MANIKANDAN [US]; DROSS ROBERT A [US]; MAO LENG [US]; DU BIN [US]	H01M8/04; H01M8/08; H01M8/10	USING CHEMICAL SHORTING TO CONTROL ELECTRODE CORROSION DURING THE STARTUP OR SHUTDOWN OF A FUEL CELL
US2010040914	WO2006US49638 20061229	RAMASWAMY SITARAM [US]; STEINBUGLER MARGARET M [US]; VAN DINE LESLIE L [US]	H01M8/04	FUEL-CASCADED FUEL CELL STACKS WITH DECOUPLED POWER OUTPUTS
US2010104904	EP20070008545 20070426; EP20070117793 20071002; WO2008EP55076 20080425	RAO VINEET [DE]; SCHREIER SIEGFRIED [DE]	H01M8/06	SYSTEM FOR GENERATING ELECTRICAL ENERGY COMPRISING AN ELECTROCHEMICAL REFORMER AND A FUEL CELL
DE102008052096	DE200810052096 20081017	RAUCH JUERGEN [DE]	C03C25/12; C03C25/46; H01M2/16; H01M8/02	GLASS FIBER FILTER USEFUL AS A NOBLE METAL COATED MEMBRANE IN A FUEL CELL, COMPRISES A BOROSILICATE GLASS, AND QUARTZ GLASS, WHERE THE FILTER IS COATED WITH NOBLE-METAL STOVING PAINTS
EP2162940	WO2008NO00222 20080618; NO20070003080 20070618	RC02 AS [NO]; CENTRE NAT RECH SCIENT [FR]; UNIV CLAUDE BERNARD LYON [FR]	H01M8/06; C10L3/06	PROCESS FOR PRODUCING ENERGY PREFERABLY IN THE FORM OF ELECTRICITY AND/OR HEAT USING CARBON DIOXIDE AND METHANE BY CATALYTIC GAS REACTION AND A DEVICE FOR PERFORMING THE PROCESS
FR2936103	FR20080005011 20080912; FR20090001526 20090330	RECH S DE L ECOLE NATIONALE SU [FR]	H01M8/04; H01M8/06	PROCEDE DE RAJEUNISSEMENT D'UN POLYMERE COMPORTANT DES CHAINES PENDANTES TERMINEES PAR GROUPES ACIDE SULFONIQUE. PROCEDE DE CONDUITE DU FONCTIONNEMENT D'UNE PILE A COMBUSTION FAISANT APPLICATION
WO2010020013	AU20080904314 20080822	REDFLOW PTY LTD [AU]; WINTER ALEXANDER RUDOLF [AU]	H01M2/36; B29C33/42; B29C45/26; H01M2/38; H01M8/04	INTEGRAL MANIFOLD
US2010119884	WO2006US49549	REISER CARL A [US]	H01M8/00	ROBUST HEATING OF FUEL CELLS DURING

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	20061228			SUBFREEZING START
PT1203418E	US19990322666 19990528	RELION INC [US]	H01M8/00; H01M8/04; H01M8/10	FUEL CELL POWER SYSTEMS AND METHODS OF CONTROLLING A FUEL CELL POWER SYSTEM
AT467241T	FR20020009453 20020725; WO2003FR02346 20030725	RENAULT SA [FR]	H01M8/00; H01M8/04; B60L11/18; H01M8/06; H01M8/10	ELEKTRISCHES ANTRIEBSSYSTEM FÜR KRAFTFAHRZEUG UND BETRIEBSVERFAHREN FÜR EINE BRENNSTOFFZELLE
FR2937655	FR20080057372 20081029	RENAULT SAS [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	C23C16/06; B01J23/00; B01J37/02; B05D1/18; B05D1/26; F28F3/00; H01M8/06	PROCEDES DE DEPOT D'UN CATALYSEUR PAR VOIE SOL/GEL, PAR SUSPENSION OU PAR DEPOT CHIMIQUE EN PHASE VAPEUR SUR UN REACTEUR MICROSTRUCTURE
EP2174378	WO2008DE01174 20080716; DE200710034700 20070716	RENNEBECK KLAUS [DE]	H01M8/18	REDOX BATTERY
US2010008848	US20090460205 20090716; US20050031233 20050107; US20040535293P 20040109	RES FOUNDATION OF THE UNIVERSI	C01B3/04; B01J35/02; G01N7/00; H01M8/06; H01M8/18	CATALYSTS FOR THE EVOLUTION OF HYDROGEN FROM BOROHYDRIDE SOLUTION
KR20100071612	KR20080130392 20081219	RES INST IND SCIENCE & TECH [KR]; KOREA ELECTRIC POWER CORP [KR]	H01M8/14; H01B1/02; H01M8/02	FABRICATING METHOD OF ANODE FOR MOLTEN CARBONATE FUEL CELL
US2010086829	GB20050007756 20050416; WO2006GB01256 20060405	RIDLEY PETER JOHN [GB]	H01M2/14; H01M2/02; H01M2/08; H01M8/02;	ELECTROCHEMICAL CELL STACK

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			H01M8/18	
US2010035114	US20080187533 20080807	RIGOGLIOSO MARK ANTHONY [US]	H01M8/10; H01M4/86	SILICON-BASED NANOSTRUCTURED DIODE FUEL CELL
US2010075193	JP20050178041 20050617; WO2006JP311411 20060607	RIKEN [JP]	H01M8/10; B05D5/12	PROTON CONDUCTIVE MEMBRANE AND METHOD FOR PRODUCING IT
EP2194537	WO2008JP67273 20080925; JP20070253611 20070928	RIKEN [JP]	H01B1/06; C01B25/37; C01B25/45; C01B35/12; C01G25/00; C01G25/06; H01B13/00; H01M8/02	PROTON CONDUCTING MEMBRANE AND METHOD FOR PRODUCING PROTON CONDUCTING MEMBRANE
KR20100036286	US20060774253P 20060216	ROHM & HAAS [US]	C01B6/13; C01B6/19; C01B6/23; H01M8/00	BOROHYDRIDE FUEL FORMULATION
KR20100067042	US20080201390P 20081210	ROHM & HAAS [US]	C01B3/06; H01M8/06	METHOD FOR GENERATION OF HYDROGEN GAS
WO2010020306	GB20080015017 20080819	ROLLS ROYCE FUEL CELL SYSTEMS [GB]; AGNEW GERARD DANIEL [GB]	G01K7/18; G01N25/18; G01N25/32; H01M8/04	A METHOD FOR INFERRING TEMPERATURE IN AN ENCLOSED VOLUME
EP2176916	WO2008GB02369 20080710; GB20070015225 20070803	ROLLS ROYCE PLC [GB]	H01M8/12; H01M8/24	A FUEL CELL AND A METHOD OF MANUFACTURING A FUEL CELL
EP2176915	WO2008GB02367 20080710; GB20070015218 20070803	ROLLS ROYCE PLC [GB]	H01M8/12; H01M8/24	A FUEL CELL AND A METHOD OF MANUFACTURING A FUEL CELL

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US2010129727	US20100694623 20100127; GB20000024106 20001003; US20090405304 20090317; US20030405466 20031125; WO2001GB04410 20011002	ROLLS ROYCE PLC [GB]	H01M8/10; H01M8/02; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL COMPONENT AND A METHOD OF MANUFACTURING A SOLID OXIDE FUEL CELL COMPONENT
WO2010018325	FR20080004598 20080814	ROUSTAEI ALEX HR [FR]; DJEMAI ABDELMADJID [FR]	C25B1/04; H01L31/042; H01M8/06	OPTIMISED SUPPLY SOURCE AND STORAGE UNIT FOR CRYOGENIC POWER OR NANOHYDRIDE ASSISTANCE USING PHOTOVOLTAICS FOR ON-DEMAND ENERGY PRODUCTION SYSTEMS
WO2010063907	FR20080006820 20081205	ROUSTAEI ALEX HR [FR]; DJEMAI ABDELMADJID [FR]	C25B1/04; B01D29/00; B60L11/18; B82B3/00; C23C16/04; C23C16/40; C23C16/44; C23C16/442; H01L31/042; H01M8/06	METHODS FOR PREPARING AND DEPOSITING NANOMETER- OR ANGSTROM-SCALE PARTICLES ON MEDIA
EP2172998	DE200810050577 20081006	RUHR UNI BOCHUM [DE]	H01M4/88; H01M4/86; H01M4/90; H01M4/92; H01M8/10	METHOD FOR PRODUCING CORE-MUFFLER CATALYSTS
US2010035093	US20090430240 20090427; US20080048196P 20080427	RUOFF RODNEY S [US]; STOLLER MERYL [US]	H01G9/00; C01B31/02; H01M4/58; H01M8/00	ULTRACAPACITORS AND METHODS OF MAKING AND USING

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US2010015479	DE200610025664 20060601; WO2007EP04339 20070515	RUSCH KLAUS [DE]; RANALLI MARCO [DE]	H01M8/18	ASSEMBLY FOR PRODUCING A HYDROGENOUS GAS
HK1080882	WO2003US09167 20030325; US20020106157 20020326	SACHEM INC [US]	C08J5/22; C08F2/00; C08F255/00; C08F255/02; C08J7/16; H01M8/10	POLYMER GRAFTED SUPPORT POLYMERS
AT458284T	US20050305311 20051216; US20060365464 20060301; WO2006US47411 20061212	SAINT GOBAIN CERAMICS [US]	H01M8/12	BRENNSTOFFZELLENKOMPONENTE MIT EINEM ELEKTROLYT- DOTIERUNGSSTOFF
EP2186155	WO2008US09485 20080807; US20070963952P 20070808	SAINT GOBAIN CERAMICS [US]	H01M8/06; H01M8/04	ANODE EXHAUST RECYCLE SYSTEM WITH MEMBRANE HYDROGEN SEPARATOR
US2010159356	US20090640921 20091217; US20080203185P 20081219	SAINT GOBAIN CERAMICS [US]	H01M8/10; B29C67/24	REDUCTION-OXIDATION-TOLERANT ELECTRODES FOR SOLID OXIDE FUEL CELLS
US2010151349	US20090638781 20091215; US20080203105P 20081217	SAINT GOBAIN CERAMICS [US]	H01M8/10; H01M8/00	UNIFORM GAS DISTRIBUTION THROUGH CHANNELS OF SOFC
US2010151345	US20090638769 20091215; US20080203085P 20081217	SAINT GOBAIN CERAMICS [US]	H01M8/10; H01M4/00	ELECTRODE GAS CHANNEL SUPPORTS AND METHODS FOR FORMING INTERNAL CHANNELS
EP2191527	WO2008FR51635	SAINT GOBAIN CT	H01M4/86;	POWDER CONTAINING ELONGATED GRAINS AND THE

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	20080912; FR20070057565 20070914	RECHERCHES [FR]	H01M4/02; H01M4/88; H01M4/90; H01M8/12	USE THEREOF FOR PRODUCING AN ELECTRODE FOR A SOLID OXIDE FUEL CELL
WO2010038203	FR20080005406 20080930	SAINT GOBAIN CT RECHERCHES [FR]; NAHAS NABIL [FR]; RIVES NICOLE [FR]	C01G25/00; A61C13/083; B01D39/20; B01J21/06; C01G27/00; C04B35/486; G02B6/00; H01L41/187; H01M8/00	ZIRCONIUM HYDRATE POWDER
WO2010038204	FR20080005407 20080930	SAINT GOBAIN CT RECHERCHES; NAHAS NABIL [FR]; RIVES NICOLE [FR]	C04B35/486; A61C13/083; B01D39/20; B01J21/06; C01G25/02; C01G27/02; C30B29/60; C30B29/62; G02B6/00; H01L41/187; H01M8/00	ZIRCONIUM OXIDE POWDER
KR20100002622	KR20080062582 20080630	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/06	APPARATUS OF ELECTRIC POWER SUPPLY AND PORTABLE ELECTRIC DEVICE HAVING THE SAME
KR20100000091	KR20080059451 20080624	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/04; H01M8/24	CURRENT COLLECTOR, METHOD FOR MANUFACTURING THEREOF, STACK AND FUEL CELL POWER GENERATION SYSTEM
US2010009231	KR20080066352 20080709	SAMSUNG ELECTRO MECH [KR]	H01M8/10	STACK AND FUEL CELL POWER GENERATION SYSTEM HAVING THE SAME
US2010009224	KR20080065948 20080708	SAMSUNG ELECTRO MECH [KR]	H01M8/18	HYDROGEN GENERATING APPARATUS AND FUEL CELL POWER GENERATION SYSTEM

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KR20100020368	KR20080079121 20080812	SAMSUNG ELECTRO MECH [KR]	H01M4/86; H01M4/88; H01M8/10	ELECTRODE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20100018421	KR20080077173 20080806	SAMSUNG ELECTRO MECH [KR]	H01M8/04	FLOW FIELD PLATE AND FUEL CELL HAVING THE SAME
US2010075189	KR20080092574 20080922	SAMSUNG ELECTRO MECH [KR]	H01M8/10; H01M8/02	CURRENT COLLECTOR AND FUEL CELL STACK
US2010062300	KR20080088887 20080909	SAMSUNG ELECTRO MECH [KR]	H01M8/18	FUEL CELL POWER GENERATION SYSTEM
US2010055528	KR20080087339 20080904	SAMSUNG ELECTRO MECH [KR]	H01M8/00	FUEL CELL SYSTEM
KR20100041988	KR20080101071 20081015	SAMSUNG ELECTRO MECH [KR]	H01M4/88; H01M8/02	METHOD OF MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY
KR20100038609	KR20080097643 20081006	SAMSUNG ELECTRO MECH [KR]	H01M4/88; H01M8/10	METHODE OF ELECTROLYTE LAYER FOR FUEL CELL
KR20100035365	KR20080094710 20080926	SAMSUNG ELECTRO MECH [KR]	C25B1/04; H01M8/04; H01M8/06	APPARATUS FOR GENERATING HYDROGEN AND FUEL CELL USING THE SAME
US2010092818	KR20080101285 20081015	SAMSUNG ELECTRO MECH [KR]	H01M8/18; B01D35/06	GAS-LIQUID SEPARATOR, HYDROGEN GENERATING APPARATUS, AND FUEL CELL GENERATION SYSTEM HAVING THE SAME
US2010092828	KR20080101077 20081015	SAMSUNG ELECTRO MECH [KR]	H01M8/10	FUEL CELL
KR20100046434	KR20080105273 20081027	SAMSUNG ELECTRO MECH [KR]	H01M8/04; C23C14/22; H01M8/10	FUEL CELL AND METHOD OF MANUFACTURING THE SAME
US2010112411	KR20080107116 20081030	SAMSUNG ELECTRO MECH [KR]	H01M2/02; H01M8/04	FUEL CELL SYSTEM
US2010132195	US20100697833 20100201; KR20050049176 20050609; US20060448833	SAMSUNG ELECTRO MECH [KR]	H01M8/06; B21D51/16	MICRO-REFORMER AND MANUFACTURING METHOD THEREOF

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	20060608			
KR20100020408	JP20080207901 20080812	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; B32B27/04; B32B38/08; H01M4/86	LAMINATED ELECTROLYTE MEMBRANE, MANUFACTURING METHOD THEREOF, AND MEMBRANE ELECTRODE ASSEMBLY
US2010040929	JP20080207901 20080812; KR20080118353 20081126	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; B32B38/00	LAMINATED ELECTROLYTE MEMBRANE, METHOD OF PREPARING THE SAME, AND MEMBRANE ELECTRODE ASSEMBLY INCLUDING THE LAMINATED ELECTROLYTE MEMBRANE
KR20100032274	JP20080237860 20080917	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; C08J5/22; H01M4/86; H01M8/02	POLYMER ELECTROLYTE MEMBRANE, MANUFACTURING METHOD THEREOF, AND FUEL CELL EMPLOYING THE SAME
US2010068594	JP20080237860 20080917; KR20080138716 20081231	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE, METHOD OF PREPARING THE SAME, AND FUEL CELL INCLUDING THE POLYMER ELECTROLYTE MEMBRANE
US2010062295	KR20080088953 20080909	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND AIR SUPPLY METHOD THEREOF
US2010062291	KR20080088952 20080909	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND FUEL SUPPLY METHOD THEREOF
US2010151298	KR20080128187 20081216	SAMSUNG ELECTRONICS CO LTD [KR]	H01M4/00; H01M8/08	PROTON CONDUCTOR FOR FUEL CELL, ELECTRODE FOR FUEL CELL INCLUDING THE PROTON CONDUCTOR, AND FUEL CELL INCLUDING THE ELECTRODE
US2010151296	KR20080128185 20081216	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; H01M4/00; H01M4/88	ELECTRODE CATALYST FOR FUEL CELL AND FUEL CELL INCLUDING ELECTRODE HAVING ELECTRODE CATALYST
US2010151289	KR20080128182 20081216	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/00	METHOD OF REMOVING RESIDUAL OXYGEN IN FUEL CELL BY ELECTROCHEMICAL PURGING
US2010143756	KR20080122389 20081204	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/04	CONNECTING APPARATUS IN FUEL CELL SYSTEM AND FUEL CELL SYSTEM INCLUDING THE CONNECTING APPARATUS
US2010136378	KR20080121281	SAMSUNG ELECTRONICS CO	H01M8/18	FUEL REFORMER BURNER OF FUEL CELL SYSTEM

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	20081202	LTD [KR]		
KR20100058899	KR20080117481 20081125	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG SDI CO LTD [KR]	H01M8/04; H01M8/06	FUEL REFORMER
US2010159297	KR20080131200 20081222	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG SDI CO LTD [KR]	H01M8/18; B01J21/06; B01J23/00; B01J23/10; B01J23/34; B01J23/755; B01J23/88	HYDROCARBON REFORMING CATALYST, METHOD OF PREPARING THE HYDROCARBON REFORMING CATALYST, AND FUEL CELL EMPLOYING THE HYDROCARBON REFORMING CATALYST
KR20100069625	KR20080128180 20081216	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R & DB FOUNDATION [KR]	C08G61/12; H01M8/10	HYPERBRANCHED POLYMER, ELECTRODE FOR FUEL CELL COMPRISING THE HYPERBRANCHED POLYMER, ELECTROLYTE MEMBRANE COMPRISING THE HYPERBRANCHED POLYMER, AND FUEL CELL USING AT LEAST ONE OF THE ELECTRODE AND THE ELECTROLYTE MEMBRANE
KR20100069488	KR20080128181 20081216	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R & DB FOUNDATION [KR]	H01M4/86; B01J23/40; H01M4/92; H01M8/10	HYPERBRANCHED POLYMER, ELECTRODE FOR FUEL CELL INCLUDING THE SAME, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME, AND FUEL CELL USING THE SAME
JP2010001481	KR20050081994 20050903; KR20050081995 20050903	SAMSUNG SDI CO LTD [KR]	C08G73/18	POLYBENZOXAZINE-BASED COMPOUND
US2010018851	US20090511468 20090729; KR20020044631 20020729; US20030601872 20030624	SAMSUNG SDI CO LTD [KR]	B82B1/00; C01B31/02; B82B3/00; C23C14/18; C23C16/26; D01F9/12; H01M4/86; H01M4/88;	CARBON NANOTUBES FOR FUEL CELLS, METHOD FOR MANUFACTURING THE SAME, AND FUEL CELL USING THE SAME

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			H01M4/90; H01M4/92; H01M4/96; H01M8/10	
US2010004121	KR20040000996 20040107	SAMSUNG SDI CO LTD [KR]	B01J21/18; H01M4/86; B01J23/42; B01J32/00; B01J35/02; B01J35/10; C01B31/02; H01M4/88; H01M4/92; H01M4/96; H01M8/10	SHORT CARBON NANOTUBE FOR CATALYST SUPPORT, METHOD OF PREPARING THE SAME, CATALYST IMPREGNATED CARBON NANOTUBE USING THE SAME, AND FUEL CELL USING THE CATALYST IMPREGNATED CARBON NANOTUBE
KR20100028997	US20080094802P 20080905	SAMSUNG SDI CO LTD [KR]	C01B3/02; C01B3/26; H01M8/06	EVAPORATOR AND FUEL REFORMER HAVING THE SAME
KR20100028996	US20080094807P 20080905	SAMSUNG SDI CO LTD [KR]	C01B3/02; C01B3/26; H01M8/06	EVAPORATOR AND FUEL REFORMER HAVING THE SAME
US2010068595	US20090578086 20091013; KR20010067148 20011030; US20020218563 20020815	SAMSUNG SDI CO LTD [KR]	H01B1/06; H01M8/10; C08J5/22; H01B1/12; H01B13/00; H01M8/02	POLYMER ELECTROLYTE COMPRISING INORGANIC CONDUCTIVE NANO-PARTICLES AND FUEL CELL EMPLOYING THE POLYMER ELECTROLYTE
EP2161061	US20080094802P 20080905; US20090420784 20090408	SAMSUNG SDI CO LTD [KR]	B01B1/00; B01J19/00; C01B3/38; F28D9/00; H01M8/06	EVAPORATOR AND FUEL REFORMER HAVING THE SAME
US2010098981	KR20080137165	SAMSUNG SDI CO LTD [KR]	H01M8/04;	FUEL CELL SYSTEM HAVING FUEL CIRCULATION

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	20081230		H01M8/02	STRUCTURE, METHOD OF OPERATING THE SAME, AND ELECTRONIC APPARATUS INCLUDING THE FUEL CELL SYSTEM
US2010081033	US20090630331 20091203; KR20040104622 20041211; US20050298576 20051212	SAMSUNG SDI CO LTD [KR]	H01M8/10; B01J41/12	POLYMER ELECTROLYTE AND FUEL CELL EMPLOYING THE SAME
US2010112409	US20090654768 20091231; KR20050096071 20051012; US20060546392 20061012	SAMSUNG SDI CO LTD [KR]	H01M8/10	POLYMER MEMBRANE FOR FUEL CELL, METHOD OF PREPARING THE SAME, MEMBRANE-ELECTRODE ASSEMBLY INCLUDING THE SAME, AND FUEL CELL SYSTEM INCLUDING THE SAME
US2010159296	KR20080130521 20081219	SAMSUNG SDI CO LTD [KR]	H01M8/00; H01M8/04	FUEL CELL SYSTEM AND DRIVING METHOD THEREOF
US2010015478	KR20080070169 20080718	SAMSUNG SDI CO LTD [KR]; IND ACADEMIC COOP [KR]	H01M8/04; G01J5/02	METHOD AND APPARATUS FOR MEASURING METHANOL VAPOR CONCENTRATION, METHOD OF CONTROLLING METHANOL VAPOR CONCENTRATION IN A FUEL CELL, AND FUEL CELL USING THE SAME
US2010081020	KR20050074525 20050812	SAMSUNG SDI CO LTD [LR]	H01M8/18; F16K21/00; H01M2/00	FUEL CELL SYSTEM AND APPARATUS FOR SUPPLYING MIXED FUEL AND WATER TO THE SAME
US2010098994	EP20060117901 20060726; SE20060001613 20060726; WO2007SE50526 20070713	SANDVIK INTELLECTUAL PROPERTY [SE]; TOPSOE FUEL CELL AS [DK]	H01M8/10; C22C38/02; C22C38/22; C22C38/28	FERRITIC CHROMIUM STEEL
JP2010012392	JP20080173521 20080702	SANOH IND CO LTD	B01D53/62; B01D53/22; B01J19/00;	CARBON DIOXIDE FIXATION SYSTEM

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			C01B31/20; H01M8/00; H01M8/06	
US2010028739	JP20070027107 20070206; JP20080013128 20080123; WO2008JP51495 20080131	SANYO ELECTRIC CO [JP]	H01M8/10; H01M8/04	FUEL CELL
KR20100072250	JP20070267708 20071015; JP20080221055 20080829	SANYO ELECTRIC CO [JP]	H01M8/04; F04D33/00; H01M8/10	FLUID TRANSFER DEVICE AND FUEL CELL WITH THE SAME
US2010143815	US20100708346 20100218; JP20040347668 20041130; JP20050285040 20050929; US20050289633 20051130	SANYO ELECTRIC CO [JP]	H01M8/04	FUEL CELL
WO2010053153	JP20080287306 20081110; JP20090009963 20090120; JP20090010142 20090120	SANYO SPECIAL STEEL CO LTD [JP]; UNIV HOKKAIDO NAT UNIV CORP [JP]; KARIYA TETSURO [JP]; YANAGIMOTO KATSU [JP]; SHUDO TOSHIO [JP]	H01M8/02; H01M8/10	FUEL CELL SEPARATOR AND FUEL CELL USING SAME
US2010151338	JP20050225629 20050803; JP20050379756 20051228; WO2006JP315302 20060802	SARATA TAKAFUMI [JP]; YANASE NORIMASA [JP]; OZAKI TORU [JP]; TAMACHI TSUNEAKI [JP]; YUZURIHARA KAZUTAKA [JP]; IWASAKI FUMIHARU [JP]	H01M8/06; B01J3/00; B01J19/00	HYDROGEN GENERATION EQUIPMENT AND FUEL CELL SYSTEM

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US2010003575	US20090397764 20090304; US20040948084 20040923; US20030505547P 20030923	SCHAEVITZ SAMUEL B [US]; FRANZ ALEKSANDER [US]; BARTON ROGER W [US]	H01M2/14; B01D39/00; B01D69/02; B01D69/10; B01D71/02; H01M8/12	STRESSED THIN-FILM MEMBRANE ISLANDS
EP2178144	CH20080001632 20081016	SCHMIDLIN LABOR & SERVICE AG [CH]	H01M8/02; C25B1/08; H01M8/10; H01M8/18	ELECTROLYSIS OR FUEL CELL AND USE OF THE ELECTROLYSIS OR FUEL CELL
US2010129688	US20080277094 20081124	SCHMIDT RAINER W [CA]	H01M8/02; H01M8/04	METHODS OF OPERATING FUEL CELL STACKS AND SYSTEMS RELATED THERETO
WO2010054272	US20080112596P 20081107	SEEO INC [US]; HUDSON WILLIAM [US]; SINGH MOHIT [US]; GEIER MICHAEL [US]	H01M8/10	METHOD OF FORMING AN ELECTRODE ASSEMBLY
WO2010054270	US20080112592P 20081107	SEEO INC [US]; HUDSON WILLIAM [US]; SINGH MOHIT [US]; GEIER MICHAEL [US]	H01M8/10	ELECTRODES WITH SOLID POLYMER ELECTROLYTES AND REDUCED POROSITY
EP2144317	EP20060811266 20061005; JP20050294939 20051007	SEIKO INSTR INC [JP]	H01M8/02; H01M8/10	FUEL CELL
EP2166607	WO2008JP59878 20080529; JP20070181268 20070710	SEIKO INSTR INC [JP]	H01M8/04	POWER SUPPLY APPARATUS
EP2166606	WO2008JP59875 20080529; JP20070181267 20070710	SEIKO INSTR INC [JP]	H01M8/04	POWER SUPPLY APPARATUS
CN101689674	WO2008JP62028 20080703; JP20070181266	SEIKO INSTR INC [JP]	H01M8/24; H01M8/10	FUEL CELL

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	20070710			
CN101689673	WO2008JP62027 20080703; JP20070181265 20070710	SEIKO INSTR INC [JP]	H01M8/24; H01M8/10	FUEL CELL
CN101689672	WO2008JP62026 20080703; JP20070181264 20070710	SEIKO INSTR INC [JP]	H01M8/24; H01M8/10	FUEL CELL
WO2010050378	JP20080277450 20081028	SEIKO INSTR INC [JP]; OZAKI TORU [JP]; ISHISONE NOBORU [JP]; TAMACHI TSUNEAKI [JP]; YANASE NORIMASA [JP]; SARATA TAKAFUMI [JP]; YUZURIHARA KAZUTAKA [JP]; IWASAKI FUMIHARU [JP]	H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL SYSTEM
WO2010050377	JP20080277449 20081028	SEIKO INSTR INC [JP]; OZAKI TORU [JP]; ISHISONE NOBORU [JP]; TAMACHI TSUNEAKI [JP]; YANASE NORIMASA [JP]; SARATA TAKAFUMI [JP]; YUZURIHARA KAZUTAKA [JP]; IWASAKI FUMIHARU [JP]	H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL SYSTEM
CN101622745	JP20070053104 20070302	SEKISUI CHEMICAL CO LTD [JP]	H01M8/02	PROTON CONDUCTIVE FILM, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER ELECTROLYTE FUEL CELL
US2010047659	JP20070069493 20070316; JP20070193697 20070725; JP20070340452	SEKISUI CHEMICAL CO LTD [JP]	H01M8/10; B05D5/12	MEMBRANE-ELECTRODE JUNCTION AGENT, PROTON CONDUCTING MEMBRANE HAVING JUNCTION LAYER, MEMBRANE-ELECTRODE ASSEMBLY, POLYMER ELECTROLYTE FUEL CELL, AND MANUFACTURING METHOD OF THE MEMBRANE-ELECTRODE ASSEMBLY

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	20071228; WO2008JP54527 20080312			
CN101679028	WO2007US81824 20071018; US20060853233P 20061020	SEMGREEN L P	C01B3/34; C01B3/50; H01M8/06	METHODS AND SYSTEMS OF PRODUCING MOLECULAR HYDROGEN USING A PLASMA SYSTEM
KR20100037824	KR20080097126 20081002	SEOUL NAT UNIV IND FOUNDATION [KR]	H01M4/88; H01M8/10	METHOD FOR INCREASING ACTIVITY OF MEMBRANE ELECTRODE ASSEMBLY OF POLYMER ELECTROLYTE MEMBRANE FUELCELL USING ACID TREATMENT
EP2174373	WO2008DK00273 20080718; DK20070001063 20070718	SERENERGY AS [DK]	H01M8/02	A BIPOLAR PLATE FOR A FUEL CELL COMPRISING A BY-PASSED SERPENTINE FLOW PATH FOR OXIDANT GAS; A COOLING PLATE FOR A FUEL CELL COMPRISING A BY-PASSED SERPENTINE FLOW PATH FOR COOLANT FLUID; FUEL CELL COMPRISING SUCH PLATES AND USES THEREOF
EP2174372	WO2008DK00272 20080718; DK20070001064 20070718	SERENERGY AS [DK]	H01M8/02; H01M8/24	IMPROVEMENTS IN GASKETS AND BIPOLAR PLATES FOR PEM FUEL CELLS
EP2164123	EP20080016238 20080915	SFC SMART FUEL CELL AG [DE]	H01M8/04	INCREASED WATER AND HEAT RECOVERY FROM A DIRECT METHANOL FUEL CELL SYSTEM
EP2176064	WO2008EP60072 20080731; DE200710037435 20070808	SGL CARBON SE [DE]	B32B9/00; C04B37/00; H01M8/00	LAYERED MATERIAL
CN101685868	CN20091178754 20080722	SHANDONG DONGYUE SHENZHEN NEW	H01M8/02; C08K3/22; C08K3/32; C08K3/34; C08K3/36; C08K3/38; C08L27/12;	MICROPOROUS MEMBRANE ENHANCED MULTILAYER FLUORINE-CONTAINING CROSS-LINKED DOPED ION-EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C08L27/18; H01M2/16	
CN101685867	CN20091178753 20080722	SHANDONG DONGYUE SHENZHEN NEW	H01M8/02; C08K3/22; C08K3/32; C08K3/36; C08K3/38; C08L27/12; C08L27/18; H01M2/16	MICROPOROUS MEMBRANE ENHANCED MULTILAYER FLUORINE-CONTAINING CROSS-LINKED DOPED ION-EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF
CN101685866	CN20091176000 20080729	SHANDONG DONGYUE SHENZHEN NEW	H01M8/02; C08J3/24; C08J5/22; C08L27/12; C08L27/16; C08L27/18; C08L27/20; C08L27/22; C08L27/24; H01M2/16	MULTILAYER FLUORINE-CONTAINING CROSS-LINKED ION-EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF
CN101685865	CN20091175999 20080729	SHANDONG DONGYUE SHENZHEN NEW	H01M8/02; C08J3/24; C08J5/22; C08L27/12; C08L27/16; C08L27/18; C08L27/20; C08L27/22; C08L27/24; H01M2/16	MULTILAYER FLUORINE-CONTAINING CROSS-LINKED ION-EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF
CN101670246	CN20091178238 20080722	SHANDONG DONGYUE SHENZHOU NEW	B01D71/32; B01D67/00; B01D69/12;	MULTILAYER FLUORINE-CONTAINED CROSSLINKING DOPING IONIC MEMBRANE WITH REINFORCED MICROPOROUS MEMBRANE AND PREPARATION

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			C08J5/22; H01M4/94; H01M8/10	METHOD THEREOF
CN101670999	CN20091196608 20090927	SHANGHAI INST CERAMICS	B82B1/00; B82B3/00; H01M4/86; H01M8/02; H01M8/10	MN-CO-DOPED SPINEL COMPOSITE NANOMETER MATERIAL AND LOW-TEMPERATURE SINTERING METHOD THEREOF
CN101662032	CN20091196042 20090922	SHANGHAI INST MICROSYS & INF	H01M8/02	CATHODE STRUCTURE OF MEMBRANE ELECTRODE ASSEMBLY OF DIRECT ALCOHOL FUEL CELL AND MANUFACTURING METHOD
CN101640274	CN20081041095 20080728	SHANGHAI LANWAN SCIENCE AND TE	H01M8/02	EXHAUSTING METHOD DURING DIE CLOSING IN MANUFACTURING MEMBRANE ELECTRODE OF FUEL BATTERY
CN101651214	CN20081041746 20080815	SHANGHAI QINGNENG HORIZONFUEL	H01M8/00	FUEL BATTERY SYSTEM AND OPERATING METHOD THEREOF
KR20100039422	JP20070202146 20070802; JP20080087571 20080328; JP20080126377 20080513	SHARP KK [JP]	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK AND FUEL CELL SYSTEM
WO2010055793	JP20080288939 20081111	SHARP KK [JP]; YOSHIE TOMOHISA; YOSHIDA AKIHITO; SATA SHUNSUKE; KAGA MASAKI	H01M8/02	MEMBRANE ELECTRODE ASSEMBLY
EP2169033	JP20080245238 20080925	SHELL INT RESEARCH [NL]	C10L1/04; H01M8/06	HYDROCARBON FUEL OIL FOR USE IN FUEL CELL SYSTEM
JP2010009903	JP20080166841 20080626	SHINETSU CHEMICAL CO [JP]	H01M8/02; H01M8/10	ADHESIVE SEAL COMPOSITION FOR SOLID POLYMER TYPE FUEL CELL SEPARATOR, SEPARATOR SEAL, AND SEPARATOR
KR20100015537	JP20070096141 20070402	SHINETSU CHEMICAL CO [JP]	H01M8/10; C08G77/392;	ELECTROLYTE FOR FUEL CELL, ELECTROLYTE MEMBRANE FOR FUEL CELL, BINDER FOR FUEL CELL,

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C08G77/455; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL
EP2192646	WO2008JP66224 20080909; JP20070236806 20070912	SHINETSU CHEMICAL CO [JP]	H01M8/02; C08F8/40; C08F259/08; C08J5/22; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE, METHOD FOR PRODUCTION OF SOLID POLYMER ELECTROLYTE MEMBRANE, AND FUEL CELL
EP2202832	WO2008JP63945 20080804; JP20070207430 20070809; JP20070312051 20071203	SHINETSU CHEMICAL CO [JP]	H01M8/02; C08J7/18; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE, METHOD FOR PRODUCING THE SAME, MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL
KR20100044284	JP20070222436 20070829	SHOWA DENKO KK [JP]	H01M4/90; B01J21/06; B01J23/20; H01M8/10	ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
KR20100037648	JP20070198853 20070731	SHOWA DENKO KK [JP]	H01M4/90; B01J23/20; B01J37/08; H01M8/10	METAL OXIDE ELECTRODE CATALYST, USE THEREOF, AND METHOD FOR PRODUCING METAL OXIDE ELECTRODE CATALYST
KR20100036385	JP20070198854 20070731	SHOWA DENKO KK [JP]	H01M4/90; B01J21/06; B01J23/16; H01M8/10	CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
KR20100051872	JP20070232565 20070907; JP20080012844 20080123	SHOWA DENKO KK [JP]	B01J27/24; B01J37/08; H01M4/90; H01M8/10	CATALYST, METHOD FOR PRODUCING THE SAME, AND USE OF THE SAME
WO2010041639	JP20080259777 20081006	SHOWA DENKO KK [JP]; IMAI TAKUYA [JP]; MONDEN RYUJI	B01J27/24; B01J23/20;	CATALYST, METHOD FOR PRODUCING THE SAME, AND USE THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
		[JP]; SHISHIKURA TOSHIKAZU [JP]	H01M4/90; H01M8/02; H01M8/10	
WO2010041646	JP20080259414 20081006	SHOWA DENKO KK [JP]; KUROZUMI TADATOSHI [JP]	H01M4/88; H01M4/86; H01M4/96; H01M8/02; H01M8/10	FUEL CELL ELECTRODE MANUFACTURING METHOD AND USES THEREOF
WO2010041655	JP20080259778 20081006	SHOWA DENKO KK [JP]; MONDEN RYUJI [JP]; YAMAGUCHI TOMOFUMI [JP]; SHISHIKURA TOSHIKAZU [JP]; IMAI TAKUYA [JP]	B01J27/24; H01M4/90; H01M8/10	CATALYST, METHOD FOR PRODUCING THE SAME, AND USE THEREOF
WO2010041650	JP20080259779 20081006	SHOWA DENKO KK [JP]; WAKIZAKA YASUAKI [JP]; MONDEN RYUJI [JP]; SHISHIKURA TOSHIKAZU [JP]	B01J27/24; B01J21/06; B01J23/20; B01J23/28; B01J23/30; H01M4/86; H01M4/90; H01M8/10	CATALYST, METHOD FOR PRODUCING THE SAME, AND USE THEREOF
WO2010041658	JP20080259416 20081006	SHOWA DENKO KK [JP]; WAKIZAKA YASUAKI [JP]; SHISHIKURA TOSHIKAZU [JP]	C01B21/082; B01J27/24; B01J37/08; B01J37/34; C01G23/04; C01G25/02; H01M4/88; H01M4/90; H01M8/10	METHOD FOR PRODUCING CARBONITRIDE MIXTURE PARTICLE OR OXYCARBONITRIDE MIXTURE PARTICLE, AND USE THEREOF
RU2383971	DE200610016814 20060410	SHTAKSERA GMBKH [DE]	H01M8/02	POLAR PLATE, PARTICULARLY END OR BIPOLAR PLATE FOR FUEL ELEMENT
CN101640278	CN20081134803	SIBO SCIENCE &	H01M8/04	CONSTANT CURRENT OUTPUT DEVICE FOR FUEL

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	20080730	TECHNOLOGY CO L		BATTERY
DE102008046112	DE200810046112 20080905	SIEGEMUND HORST [DE]	H01M8/04	FUEL CELL FOR PRODUCING ELECTRIC ENERGY, HAS ANODE AND CATHODE SEPARATED IN CONTAINER BY MEMBRANE, AND ELECTRICALLY CONDUCTIVE PARTICLES INFLUENCED BY PULSATING FORCES AND DOPED WITH CATALYSTS, WHERE CELL IS EXCITED BY PULSE
AT463849T	EP20040015501 20040701; WO2005EP53051 20050629	SIEMENS AG [DE]	H01M8/04	BRENNSTOFFZELLENANLAGE UND VERFAHREN ZUM BETREIBEN EINER BRENNSTOFFZELLENANLAGE
DE102008049712	DE200810049712 20080930	SIEMENS AG [DE]	H01M8/02; H01M8/12	PLANARE HOCHTEMPERATUR-BRENNSTOFFZELLE
DE102008049694	DE200810049694 20080930	SIEMENS AG [DE]	H01M8/02; H01M8/12	TUBULARE HOCHTEMPERATUR-BRENNSTOFFZELLE, DAMIT AUFGEBAUTE BRENNSTOFFZELLENANLAGE UND VERFAHREN ZU DEREN HERSTELLUNG
DE102008049608	DE200810049608 20080930	SIEMENS AG [DE]	H01M8/02; H01M8/12	VERFAHREN ZUR HERSTELLUNG EINES INTERKONNEKTORS FÜR HOCHTEMPERATUR-BRENNSTOFFZELLEN, ZUGEHÖRIGE HOCHTEMPERATUR-BRENNSTOFF ZELLE SOWIE DAMIT AUFGEBAUTE BRENNSTOFFZELLENANLAGE
DE102008049607	DE200810049607 20080930	SIEMENS AG [DE]	H01M8/12; B22F1/00; H01M8/02	HOCHTEMPERATUR-BRENNSTOFFZELLE UND ZUGEHÖRIGE BRENNSTOFFZELLENANLAGE
DE102008049606	DE200810049606 20080930	SIEMENS AG [DE]	H01M8/02	POROUS METAL SUBSTRATE PROTECTION METHOD FOR SOLVENT OXIDES FUEL CELL, INVOLVES APPLYING PROTECTION LAYER ON SINTERED METAL COMPOUND, WHERE ABRASION AND/OR POLISHING OF FRONT SIDE OF SINTERED COMPOUND IS ENABLED
DE102008049564	DE200810049564 20080930	SIEMENS AG [DE]	H01M8/02; H01M8/10	VERFAHREN ZUR HERSTELLUNG EINER TUBULAREN FESTELEKTROLYT-BRENNSTOFFZELLE (SOFC) UND ZUGEHÖRIGE TUBULARE BRENNSTOFFZELLE
KR20100049662	DE200710046939	SIEMENS AG [DE]	H01M8/04	METHOD FOR PREVENTING LOCAL OVERHEATING IN A

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	20070928			FUEL CELL ARRANGEMENT AND FUEL CELL SYSTEM HAVING SUCH A FUEL CELL ARRANGEMENT
EP2182570	EP20080018801 20081028	SIEMENS AG [DE]	H01M8/02; H02K3/24	ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE
WO2010003912	DE200810032156 20080708	SIEMENS AG [DE]; HOWALDTSWERKE DEUTSCHE WERFT [DE]; HAEBERLE MARKUS [DE]; MUNDE ROBERT [DE]	H01M8/04	METHOD FOR TEMPERATURE CONTROL IN A FUEL CELL SYSTEM AND FUEL CELL SYSTEM
WO2010012577	EP20080013520 20080728	SIEMENS AG [DE]; MATTEJAT ARNO [DE]	H01M8/04	METHOD FOR CLEANING AT LEAST ONE INLET CHANNEL FOR OPERATING GAS OF A FUEL CELL OF A FUEL CELL ARRANGEMENT, AND A FUEL CELL ARRANGEMENT
AT459990T	US20060440819 20060525; WO2006US45838 20061130	SIEMENS ENERGY INC [US]	H01M8/04	ANODENGASSTAPEL-HERAUFFAHRHEIZELEMENT UND SP?LGASGENERATOR
EP2195869	WO2008EP62928 20080926; DE200710046977 20070928	SIEMENS ENERGY INC [US]	H01M8/02; H01M8/24	FUEL CELL SYSTEM AND METHOD FOR PRODUCTION THEREOF
EP2193566	WO2008EP62925 20080926; DE200710046976 20070928	SIEMENS ENERGY INC [US]	H01M8/02; H01M8/24	AID FOR ELECTRICAL CONTACTING OF HIGH-TEMPERATURE FUEL CELLS AND METHOD FOR PRODUCTION THEREOF
EP2191528	WO2008US09989 20080822; US20070974150P 20070921; US20070877908 20071024	SIEMENS ENERGY INC [US]	H01M8/02	SOLID OXIDE FUEL CELL GENERATOR INCLUDING A GLASS SEALANT
WO2010005781	US20080169261 20080708	SIEMENS ENERGY INC [US]; ZAFRED PAOLO R [US]; DRAPER ROBERT [US]	H01M8/24; H01M8/12	SOLID OXIDE FUEL CELL WITH TRANSITIONED CROSS-SECTION FOR IMPROVED ANODE GAS MANAGEMENT AT THE OPEN END

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CN101685869	CN20081211426 20080922	SIMPLO TECHNOLOGY CO LTD [TW]	H01M8/04	DEVICE AND METHOD FOR STABILIZING FUEL BATTERY
US2010068564	TW20080135681 20080917	SIMPLO TECHNOLOGY CO LTD [TW]	H01M8/04	APPARATUS FOR STABILIZING FUEL CELL AND METHOD THEREFOR
US2010028733	WO2004EP05961 20040531	SIN XICOLA AGUSTIN [IT]; RODA ELENA [IT]; DUBITSKY YURI A [IT]; ZAOPO ANTONIO [IT]; ALBIZZATI ENRICO [IT]; KOPNIN EVGENY [IT]	H01M8/04; H01M8/10; H01M8/12; H01M8/14	ELECTROCHEMICAL DEVICE WITH A LSGM-ELECTROLYTE
US2010086817	WO2006US49645 20061229	SKIBA TOMMY [US]; BALLIET RYAN J [US]	H01M8/04; H01M2/02	WATER RETENTION AND GAS INGESTION CONTROL FOR A FUEL CELL
WO2010064754	KR20080121684 20081203	SNU R & DB FOUNDATION [KR]; KIM MIN SOO [KR]; CHA SUK WON [KR]; CHOI JONG WON [KR]; HWANG YONG-SHEEN [KR]; SEO JEONG-HOON [KR]; LEE DAE HEUNG [KR]	H01M8/04	SYSTEM TO MANAGE WATER AND FUEL FOR DEAD-END MODE PEM FUEL CELL
KR20100063254	KR20080121694 20081203	SNU R & DB FOUNDATION [KR]; XFC INC [KR]	H01M8/04; H01M8/10	APPARATUS AND SYSTEM FOR HUMIDIFICATION OF PEM FUEL CELL WITH PULSATION
KR20100063250	KR20080121689 20081203	SNU R & DB FOUNDATION [KR]; XFC INC [KR]	H01M8/04; F16K31/06; H01M4/86	COLD START STRUCTURE FOR PEM FUEL CELL-DRIVEN APPARATUS
US2010003557	US20080216450 20080703	SOLID CELL INC	H01M8/02; H01M8/24	INTERCONNECT MATERIAL FOR SOLID FUEL CELL AND PROCESS FOR THE PREPARATION THEREOF
US2010040912	EP20060127155 20061222; WO2007EP64360 20071220	SOLVAY SOLEXIS SPA [IT]	H01M8/10	PROCESS FOR OPERATING A FUEL CELL IN DRY CONDITIONS
US2010021785	KR20060054450 20060616	SON IN-HYUK [KR]; HAN SANG-IL [KR]	H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR A FUEL CELL AND A FUEL CELL SYSTEM INCLUDING THE SAME
US2010062299	US20090420777 20090408;	SON IN-HYUK [KR]; SHIN WOO-CHEOL [KR]; AHN JIN-	H01M8/18; F28D1/00	EVAPORATOR AND FUEL REFORMER HAVING THE SAME

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	US20080094807P 20080905	GOO [KR]; LEE SUNG-CHUL [KR]		
US2010047652	JP20080212905 20080821	SONG JUNGMIN [JP]; FUKAZAWA TAISHI [JP]; AKASAKA YOSHIHIRO [JP]; HASHIMOTO MINORU [JP]; AKITA MASATO [JP]	H01M4/86; H01M4/00; H01M8/10	DIRECT METHANOL FUEL CELL AND CATHODE FOR DIRECT METHANOL FUEL CELL
JP2010021129	JP20080155140 20080613; JP20080313153 20081209	SONY CORP [JP]	H01M8/02; H01M8/24	FUEL CELL, AND METHOD FOR MANUFACTURING FUEL CELL
JP2010015886	JP20080175937 20080704	SONY CORP [JP]	H01M8/04; H01M8/00; H01M8/24	HOLDER FOR GENERATING APPARATUS, GENERATING DEVICE, AND ELECTRONIC APPARATUS
CN101632195	JP20070061693 20070312	SONY CORP [JP]	H01M8/04	FUEL CELL, ELECTRONIC DEVICE, FUEL FEEDING PLATE, AND FUEL FEEDING METHOD
KR20100014894	JP20070087119 20070329	SONY CORP [JP]	H01M8/02; H01M8/10	FUEL CELL
US2010049458	US20090611433 20091103; JP20030271572 20030707; US20040563510 20040630; WO2004JP09607 20040630	SONY CORP [JP]	G01R31/36; G06F1/26; G06F1/28; H01M8/00; H01M8/04; H01M10/42; H01M16/00	ELECTRONIC EQUIPMENT AND POWER MANAGEMENT METHOD FOR THE ELECTRONIC EQUIPMENT, AND POWER SOURCE UNIT
EP2157652	WO2008JP54501 20080312; JP20070155973 20070613	SONY CORP [JP]	H01M8/16; C12M1/34; H01M4/90; H01M8/00	FUEL CELL AND ELECTRONIC EQUIPMENT
CN101641821	JP20070077753 20070323	SONY CORP [JP]	H01M8/16	ENZYME IMMOBILIZED ELECTRODE, FUEL CELL, ELECTRONIC EQUIPMENT, ENZYME REACTION UTILIZATION APPARATUS, AND ENZYME IMMOBILIZED

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				BASE
KR20100024954	JP20070178364 20070706	SONY CORP [JP]	H01M8/04; H01M8/10	FUEL CELL, AND ELECTRONIC DEVICE
US2010075197	US20090615785 20091110; JP20020028642 20020205; US20060551048 20061019; US20040986551 20041110; US20020115109 20020401	SONY CORP [JP]	H01M8/10	FULLERENE BASED PROTON CONDUCTIVE MATERIALS
CN101678942	WO2008JP59541 20080523; JP20070140453 20070528	SONY CORP [JP]	B65D83/00; H01M8/04; H01M8/10	LIQUID TANK, TUBULAR STRUCTURE FOR LIQUID TANK, FUEL CELL, AND ELECTRONIC APPARATUS
US2010068562	JP20060292734 20061027; WO2007JP70316 20071018	SONY CORP [JP]	H01M8/02	ELECTROCHEMICAL DEVICE
US2010098985	JP20070025833 20070205; WO2008JP51635 20080201	SONY CORP [JP]	H01M8/02	FUEL CELL AND ELECTRONIC DEVICE INCLUDING THE SAME
EP2182571	WO2008JP63737 20080731; JP20070212702 20070817	SONY CORP [JP]	H01M8/16; H01M4/86; H01M4/90; H01M8/02	FUEL CELL, METHOD FOR OPERATING THE SAME, AND ELECTRONIC DEVICE
US2010150796	US20100713999 20100226; JP20020151723 20020527;	SONY CORP [JP]	B01D53/22; B01J8/02; B01D69/02; B01D71/02;	FUEL REFORMER

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	JP20020151724 20020527; JP20030133198 20030512; US20040513548 20041104; WO2003JP06520 20030526		B01J8/00; B01J19/00; C01B3/32; C01B3/38; C01B3/50; C01B3/56; H01M4/86; H01M4/94; H01M8/06; H01M8/10	
WO2010044415	JP20080268839 20081017	SONY CORP [JP]; FUKUSHIMA KAZUAKI [JP]; SENOO TADASHI [JP]; HOSOYA MAMORU [JP]; SHIMURA JUSUKE [JP]	H01M8/02; H01M8/10	FUEL CELL AND ELECTRONIC DEVICE
WO2010050550	JP20080279144 20081030; JP20090202426 20090902; JP20090245394 20091026	SONY CORP [JP]; GOTO SHUJI [JP]; HOSOI SHIZUKA [JP]; LI YULI [JP]; KUDO YOSHIHIRO [JP]; MAESAKA AKIHIRO [JP]	B01J35/08; B01J23/46; B01J37/16; H01M4/88; H01M4/90; H01M8/10	PLATINUM-CONTAINING CATALYST, PROCESS FOR PRODUCING THE PLATINUM-CONTAINING CATALYST, ELECTRODE, AND ELECTROCHEMICAL DEVICE
WO2010010820	JP20080191650 20080725	SONY CORP [JP]; HIRAKIMOTO TAKURO [JP]	H01B1/06; C08J5/22; H01M4/86; H01M8/02; H01M8/10	PROTON CONDUCTING COMPOSITE ELECTROLYTE, MEMBRANE ELECTRODE ASSEMBLY USING SAME, AND ELECTROCHEMICAL DEVICE USING MEMBRANE ELECTRODE ASSEMBLY
WO2010041685	JP20080262592 20081009	SONY CORP [JP]; KUMITA HIDEYUKI [JP]; MITA HIROKI [JP]; GOTO YOSHIO [JP]; NAKAGAWA TAKAAKI [JP]; SAKAI HIDEKI [JP]; MATSUMOTO RYUHEI [JP]; TOKITA YUICHI [JP]	H01M8/02; H01M4/90; H01M8/16	FUEL CELL, ELECTRONIC DEVICE AND BUFFER SOLUTION FOR FUEL CELL

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WO2010061822	JP20080299151 20081125	SONY CORP [JP]; KUMITA HIDEYUKI [JP]; NAKAGAWA TAKAAKI [JP]; SAKAI HIDEKI [JP]; KAKUTA MASAYA [JP]; TOKITA YUICHI [JP]	H01M4/88; H01M4/90; H01M8/16	METHOD FOR IMMOBILIZING ENZYME ON ELECTRODE FOR FUEL CELL, FUEL CELL, METHOD FOR MANUFACTURING FUEL CELL, ELECTRODE FOR FUEL CELL, AND METHOD FOR MANUFACTURING ELECTRODE FOR FUEL CELL
WO2010053084	JP20080286420 20081107	SONY CORP [JP]; MAKITA KENGO [JP]	H01M4/86; H01M8/00; H01M8/02	FUEL CELL, OXYGEN ELECTRODE USED IN FUEL CELL, AND ELECTRONIC DEVICE
WO2010050553	JP20080281347 20081031	SONY CORP [JP]; MAKITA KENGO [JP]	H01M8/02; H01M8/00; H01M8/08	FUEL CELL AND ELECTRODE USED THEREIN AND ELECTRONIC DEVICE
WO2010007833	JP20080182221 20080714	SONY CORP [JP]; NAKAGAWA TAKAAKI [JP]; KUMITA HIDEYUKI [JP]; KAKUTA MASAYA [JP]; SAKAI HIDEKI [JP]; MITA HIROKI [JP]; GOTO YOSHIO [JP]	H01M8/16; C09K3/18; G01N27/327; H01M4/86; H01M4/90; H01M8/02; H01M8/10	FUEL CELL, METHOD FOR PRODUCTION OF THE FUEL CELL, ELECTRONIC DEVICE, ENZYME-IMMOBILIZED ELECTRODE, METHOD FOR PRODUCTION OF THE ELECTRODE, WATER-REPELLENT AGENT, AND ENZYME-IMMOBILIZED MATERIAL
WO2010041511	JP20080259963 20081006; JP20090038676 20090220	SONY CORP [JP]; SAKAI HIDEKI [JP]; NAKAGAWA TAKAAKI [JP]; KUMITA HIDEYUKI [JP]; MITA HIROKI [JP]; HOSODA YASUhide [JP]; SUGIYAMA TAIKI [JP]; MATSUMOTO RYUHEI [JP]	H01M8/16; G01N27/327; H01M4/86; H01M8/02	FUEL CELL AND ENZYME ELECTRODE
WO2010021232	JP20080212830 20080821	SONY CORP [JP]; SHIMURA JUSUKE [JP]; INOUE YOSHIKI [JP]	H01M8/04	FUEL CELL SYSTEM AND ELECTRONIC DEVICE
WO2010021231	JP20080209873 20080818; JP20080233116 20080911	SONY CORP [JP]; SHIMURA JUSUKE [JP]; INOUE YOSHIKI [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND ELECTRONIC DEVICE
US2010117590	JP20080291443	SONY CORP [JP]; SONY	H02J7/00;	PORTABLE DEVICE

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	20081113	ERICSSON MOBILE COMM JP [JP]	H01M8/10	
WO2010001981	JP20080175345 20080704	SONY CORP [JP]; SONY ERICSSON MOBILE COMM JP [JP]; TAKAGI YUTO [JP]; TAKENAKA MIKIO [JP]; SHIMURA JUSUKE [JP]; SUZUKI KATSUYA [JP]; SUZUKI KUNIHARU [JP]; KATO HIROSHI [JP]; YAMAZAKI MANABU [JP]	H01M8/04; H01M8/00; H01M8/02	FUEL CELL HOUSING STRUCTURE, AND ELECTRONIC DEVICE
WO2010007883	JP20080182283 20080714; JP20090068040 20090319; JP20090126873 20090526	SONY CORP [JP]; TOKITA YUICHI [JP]; SAKAI HIDEKI [JP]; KUMITA HIDEYUKI [JP]; KAKUTA MASAYA [JP]; NAKAGAWA TAKAAKI [JP]; MITA HIROKI [JP]	H01M8/16; H01M8/04; H01M8/06	FUEL REFORMER AND POWER GENERATION APPARATUS USING THE FUEL REFORMER
WO2010064598	JP20080306448 20081201; JP20090233466 20091007	SONY CORP [JP]; YAMAGUCHI DAISUKE [JP]; GOTO YOSHIO [JP]; YAMADA SEIJI [JP]; TOKITA YUICHI [JP]	C12N9/04; C12M1/34; C12N15/09; H01M4/90; H01M8/16	MUTANT GLUCONATE DEHYDROGENASE
EP2191531	WO2008FR51675 20080918; FR20070057703 20070920	ST MICROELECTRONICS SA [FR]; UNIV RABELAIS FRANCOIS [FR]	H01M8/10; C25F3/12; H01L21/00	CELL HOLDER FOR FUEL CELL
KR20100005708	DE200710026850 20070611; DE200710033042 20070716	STAXERA GMBH [DE]	H01M8/02; H01M8/24	REPEATER UNIT FOR A FUEL CELL STACK
CN101657923	DE200710015712 20070402	STAXERA GMBH [DE]	H01M8/02	CONTACT ARRANGEMENT AND METHOD FOR ASSEMBLING A FUEL CELL STACK FROM AT LEAST ONE CONTACT ARRANGEMENT

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CN101657924	DE200710016307 20070404	STAXERA GMBH [DE]	H01M8/04	METHOD FOR TESTING THE IMPERMEABILITY OF A FUEL CELL STACK
US2010047632	DE200710008268 20070220; WO2008DE00219 20080206	STAXERA GMBH [DE]	H01M8/00; H01M2/00; H01M10/48	TEST BENCH AND TESTING METHOD FOR A FUEL CELL STACK
KR20100022527	DE200710036642 20070803	STAXERA GMBH [DE]	H01M8/02; H01M8/12; H01M8/24	BRACING OF A HIGH TEMPERATURE FUEL CELL STACK
US2010104914	DE200710015712 20070402; DE200710016905 20070410; DE200710056752 20071126; WO2008DE00048 20080111	STAXERA GMBH [DE]	H01M2/20; H01M8/10	CONTACT ARRANGEMENT AND METHOD FOR ASSEMBLING A FUEL CELL STACK FROM AT LEAST ONE CONTACT ARRANGEMENT
WO2010009686	DE200810033986 20080721	STAXERA GMBH [DE]; MAI BJOERN ERIK [DE]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM HAVING TWO FUEL CELL STACKS CONNECTED IN SERIES
WO2010045912	DE200810052945 20081023	STAXERA GMBH [DE]; REINERT ANDREAS [DE]	H01M8/02; H01M8/24	FUEL CELL STACK
AT452431T	NL20001014722 20000322; WO2001NL00234 20010322	STICHTING ENERGIE [NL]	H01M8/02	PLATTE, PLATTENANORDNUNG UND ELEKTROCHEMISCHER ZELLENSTAPEL
EP2181476	WO2008NL50559 20080821; NL20072000828 20070822	STICHTING ENERGIE [NL]	H01M8/12; H01M4/86	ELECTRODE FOR FIXED OXIDE REACTOR AND FIXED OXIDE REACTOR
WO2010047586	NL20082002113 20081020	STICHTING ENERGIE [NL]; DEKKER NICOLAAS JACOBUS JOSEPH [NL];	H01M8/02	SOFC STACK WITH CORRUGATED SEPARATOR PLATE

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		JANSSEN ARNOLDUS HERMANNUS HENDERIKUS [NL]		
EP2176405	WO2008NL00172 20080708; NL20071034123 20070712	STICHTING WETSUS CT OF EXCELLE [NL]	C12N11/14; C12M1/42; C12N1/20; C12N1/36; C12N13/00; C12P3/00; H01M8/16	METHOD FOR OBTAINING A CATHODOPHILIC, HYDROGEN-PRODUCING MICROBIAL CULTURE, MICROBIAL CULTURE OBTAINED WITH THIS METHOD AND USE OF THIS MICROBIAL CULTURE
WO2010062175	NL20081036242 20081126	STICHTING WETSUS CT OF EXCELLE [NL]; HAMELERS HUBERTUS VICTOR MARIE [NL]; POST JAN WILLEM [NL]; METZ SYBRAND [NL]	H01M8/22; C02F1/469	ENERGY GENERATING SYSTEM AND METHOD THEREFOR
WO2010059053	NL20081036233 20081124	STICHTING WETSUS CT OF EXCELLE [NL]; POST JAN WILLEM [NL]; METZ SYBRAND [NL]; HOEKSTRA WATSE [NL]; LEIJSTRA PETRUS ANTONIUS JOHAN [NL]	H01M8/22; B01D61/42; C02F1/44	DEVICE AND METHOD FOR PERFORMING AN ELECTRODIALYSIS OR A REVERSE ELECTRODIALYSIS PROCESS
US2010055507	FR20080055906 20080903	STMICROELECTRONICS TOURS SAS [FR]	B32B3/00; H01G4/00; H01L29/06; H01M8/00; H01M10/00	HIGH-DENSITY 3-DIMENSIONAL STRUCTURE
US2010130265	FR20080058031 20081126	STMICROELECTRONICS TOURS SAS [FR]	H04B1/38; H01M8/00	DEVICE AND METHOD FOR CONTROLLING THE HUMIDIFICATION OF A FUEL CELL
EP2175968	WO2008EP60024 20080730; DE200710037796 20070810	SUED CHEMIE AG [DE]	B01D53/86; B01J23/889; H01M8/06	METHOD FOR REMOVING CO, H2 AND/OR CH4 FROM THE ANODE WASTE GAS OF A FUEL CELL WITH MIXED OXIDE CATALYSTS COMPRISING CU, MN AND OPTIONALLY AT LEAST ONE RARE EARTH METAL
KR20100014639	DE200710009556	SUED CHEMIE AG [DE]; MTU	B01J23/755;	REFORMING CATALYST FOR MOLTEN CARBONATE FUEL

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	20070227	ONSITE ENERGY GMBH [DE]	B01J37/02; H01M4/90; H01M8/14	CELLS
US2010003568	JP20060205889 20060728; WO2007JP64878 20070730	SUGAWARA YASUSHI [JP]; TAKAYUKI URATA [JP]; MORITA JUNJI [JP]; SHIBATA SOICHI [JP]; UMEDA TAKAHIRO [JP]	H01M8/10	FUEL CELL AND FUEL CELL SYSTEM INCLUDING THE SAME
US2010136456	JP20050204871 20050713; WO2006JP313676 20060710	SUGAWARA YASUSHI [JP]; URATA TAKAYUKI [JP]; MORITA JUNJI [JP]; SHIBATA SOICHI [JP]; UMEDA TAKAHIRO [JP]	H01M8/10; H01M2/08	POLYMER ELECTROLYTE FUEL CELL AND FUEL CELL SEALING MEMBER FOR THE SAME
US2010028731	JP20070075311 20070322; WO2008JP00622 20080318	SUGAWARA YASUSHI [JP]; URATA TAKAYUKI [JP]; UMEDA TAKAHIRO [JP]; SHIBATA SOICHI [JP]; MORITA JUNJI [JP]	H01M8/04	OPERATION METHOD OF FUEL CELL SYSTEM AND FUEL CELL SYSTEM
US2010098990	JP20070036926 20070216; JP20070293566 20071112; WO2008JP51569 20080131	SUICHI NOBUHIKO [JP]; YAHATA KAZUTAKA [JP]; YAMAGUCHI TAKESHI [JP]	H01M8/10; H01M8/00; H01M8/02; H01M8/24	FUEL CELL, AND METHOD AND APPARATUS FOR ASSEMBLING FUEL CELL
JP2010015980	JP20080147848 20080605; JP20090130164 20090529	SUMITOMO CHEMICAL CO [JP]	H01B1/06; C08G61/12; C08G81/00; H01M8/02; H01M8/10	POLYMER ELECTROLYTE, CROSSLINKED POLYMER ELECTROLYTE, POLYMER ELECTROLYTE MEMBRANE, AND USE OF THE SAME
JP2010018795	JP20080151371 20080610; JP20090138949 20090610	SUMITOMO CHEMICAL CO [JP]	C08F36/20; C07C49/753; H01B1/06; H01M8/02;	POLYMER WITH OXO CARBON GROUP

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			H01M8/10	
CN101633734	JP20030339610 20030930	SUMITOMO CHEMICAL CO [JP]	C08G75/23; B01D71/80; C08G65/38; C08G65/40; C08G81/00; C08J5/22; H01M4/86; H01M8/02; H01M8/10	BLOCK COPOLYMERS AND USE THEREOF
EP2147943	WO2008JP59488 20080516; JP20070132041 20070517	SUMITOMO CHEMICAL CO [JP]	C08G61/00; H01B1/06; H01M8/02; H01M8/10	CROSSLINKED AROMATIC POLYMER, POLYMER ELECTROLYTE, CATALYST INK, POLYMER ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
US2010009235	JP20060205874 20060728; WO2007JP65113 20070726	SUMITOMO CHEMICAL CO [JP]	H01M8/10; C01B25/26; C08K3/32	METAL PHOSPHATE AND METHOD FOR PRODUCING THE SAME
KR20100018621	JP20070159423 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/86; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, METHOD FOR PRODUCTION THEREOF, AND SOLID POLYMER FUEL CELL
KR20100022103	JP20070159454 20070615	SUMITOMO CHEMICAL CO [JP]	C09D11/00; H01M4/88; H01M8/02; H01M8/10	CATALYST INK, METHOD FOR PRODUCING CATALYST INK, METHOD FOR PRODUCING MEMBRANE-ELECTRODE ASSEMBLY, MEMBRANE-ELECTRODE ASSEMBLY PRODUCED BY THE METHOD, AND FUEL CELL
KR20100018579	JP20070159465 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/88; H01M8/02; H01M8/10	ASSEMBLY OF MEMBRANE, ELECTRODE, GAS DIFFUSION LAYER AND GASKET, METHOD FOR PRODUCING THE SAME, AND SOLID POLYMER FUEL CELL
KR20100021618	JP20070159469 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/86; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, AND MEMBRANE-ELECTRODE-(GAS DIFFUSION LAYER) ASSEMBLY AND SOLID POLYMER FUEL CELL EACH COMPRISING THE SAME

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US2010047661	US20090614865 20091109; JP20020189447 20020628; JP20020220867 20020730; JP20030094089 20030331; US20040519198 20041223; WO2003JP07704 20030618	SUMITOMO CHEMICAL CO [JP]	H01M8/10; C08J5/22; H01M8/02	POLYMER LAMINATE MEMBRANE, THE METHOD FOR PRODUCING THE MEMBRANE AND THE USE OF THE MEMBRANE
US2010035113	JP20060318298 20061127; WO2007JP73260 20071126	SUMITOMO CHEMICAL CO [JP]	H01M8/10; H01M8/00	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE AND POLYMER ELECTROLYTE MEMBRANE
KR20100028626	JP20070159422 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/88; H01M4/92; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, METHOD FOR PRODUCING THE SAME AND SOLID POLYMER FUEL CELL
KR20100028625	JP20070159425 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/88; H01M4/92; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, METHOD FOR PRODUCING THE SAME AND SOLID POLYMER FUEL CELL
KR20100024972	JP20070159471 20070615	SUMITOMO CHEMICAL CO [JP]	H01M4/86; H01M8/02; H01M8/10	FILM-ELECTRODE ASSEMBLY, FILM-ELECTRODE GAS DIFFUSION LAYER ASSEMBLY HAVING THE SAME, SOLID STATE POLYMER FUEL CELL, AND FILM-ELECTRODE ASSEMBLY MANUFACTURING METHOD
US2010068589	JP20060303802 20061109; WO2007JP72144 20071108	SUMITOMO CHEMICAL CO [JP]	H01M8/10; H01M4/00	MEMBRANE-ELECTRODE ASSEMBLY
US2010086823	JP20070061040	SUMITOMO CHEMICAL CO	H01M4/90;	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL BATTERY

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	20070309; JP20070084371 20070328; WO2008JP54331 20080310	[JP]	H01M8/10	USING THE SAME
KR20100057909	JP20070246746 20070925	SUMITOMO CHEMICAL CO [JP]	H01M8/02; C08J5/22; H01M4/86; H01M8/10	POLYELECTROLYTE COMPOSITION AND FUEL CELL
KR20100057853	JP20070243630 20070920	SUMITOMO CHEMICAL CO [JP]	H01M8/02; C08G8/10; C08G61/00; H01M8/10	POLYMER ELECTROLYTE COMPOSITION
US2010136459	JP20050177620 20050617; WO2006JP312668 20060619	SUMITOMO CHEMICAL CO [JP]	C08G10/00; C07C49/15; H01M8/10; H01M10/0565; H01M10/0567	ELECTROLYTE CONTAINING OXOCARBON MOLECULE AND USE THEREOF
WO2010021348	JP20080212649 20080821	SUMITOMO CHEMICAL CO [JP]; YASHIRO ARIHIRO [JP]; SASAKI SHIGERU [JP]	C08G61/10; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYMER, POLYMER ELECTROLYTE AND USE OF SAME
WO2010061963	JP20080303860 20081128; JP20090069542 20090323	SUMITOMO CHEMICAL CO [JP]; YASHIRO ARIHIRO [JP]; SASAKI SHIGERU [JP]; NAKAMURA TAISUKE [JP]	C08G61/00; C08J5/22; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYMER, POLYMER ELECTROLYTE, FUEL CELL, AND PROCESS FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE
DK1143546T	JP19990273343 19990927; WO2000JP06439 20000920	SUMITOMO ELECTRIC INDUSTRIES [JP]	H01M8/18; H01M8/02; H01M8/04	REDOX-FLOW-BATTERY

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WO2010035691	JP20080244537 20080924; JP20090156037 20090630; JP20090181873 20090804	SUMITOMO ELECTRIC INDUSTRIES [JP]; MAJIMA MASATOSHI [JP]; FUKUNAGA ATSUSHI [JP]; INAZAWA SHINJI [JP]; UEDA TOSHIO [JP]; NAKATA MOTOMI [JP]; MORI HIROKI [JP]; YAMAKAWA MASAHIRO [JP]	B01D53/86; B01J19/08; B01J23/50; B01J23/755; B01J35/08; C25B9/08; C25B11/06; H01M4/86; H01M8/02	ELECTROCHEMICAL REACTOR, METHOD FOR MANUFACTURING THE ELECTROCHEMICAL REACTOR, GAS DECOMPOSING ELEMENT, AMMONIA DECOMPOSING ELEMENT, AND POWER GENERATOR
WO2010041694	JP20080260873 20081007; JP20080292367 20081114; JP20090233511 20091007	SUMITOMO METAL IND [JP]; KAMINAKA HIDEYA [JP]; IMAMURA JUNKO [JP]; SEKI AKIRA [JP]; TAKEUCHI KOUICHI [JP]	H01M8/02; C22C38/00; H01M8/10	SHEET STAINLESS STEEL FOR SEPARATORS IN SOLID POLYMER FUEL CELLS, AND SOLID POLYMER FUEL CELLS USING THE SAME
JP2010006648	JP20080168633 20080627	SUMITOMO OSAKA CEMENT CO LTD	C01G51/00; H01M4/86; H01M8/12	COMPOSITE CERAMIC POWDER, PRODUCTION METHOD OF THE SAME, AND SOLID OXIDE FUEL CELL
CN101651217	CN20091187404 20090914	SUNRISE POWER CO LTD	H01M8/02	BIPOLAR PLATE FLOW FIELD STRUCTURE OF FUEL CELL BENEFICIAL TO WATER MANAGEMENT
CN101645513	CN20091187211 20090902	SUNRISE POWER CO LTD	H01M8/04	PISTON TYPE HYDROGEN CONVEYOR FOR FUEL CELL
CN101673833	CN20091187601 20090923	SUNRISE POWER CO LTD	H01M8/02; H01M4/86; H01M4/88	MEMBRANE ELECTRODE INTEGRATED COMPONENT WITH SEALED FRAMES AND PREPARATION METHOD THEREOF
CN101673959	CN20091013182 20090814	SUNRISE POWER CO LTD	H02J7/00; H01M8/00; H01M10/44	POWER SUPPLY MANAGEMENT SYSTEM OF FUEL CELL
CN101667648	CN20091013253 20090818	SUNRISE POWER CO LTD	H01M8/02	PREPARATION METHOD OF WATER RETENTION TYPE PROTON EXCHANGE MEMBRANE FOR FUEL CELL
CN101667647	CN20091013243 20090817	SUNRISE POWER CO LTD	H01M8/02	BIPOLAR PLATE FOR PROTON EXCHANGE MEMBRANE FUEL CELL
KR20100009358	KR20080070208	SUNTEL CO LTD [KR]	H01M4/88;	METHOD FOR FABRICATING CATALYST AND ELECTRODE

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	20080718		H01M4/86; H01M4/92; H01M8/10	ADOPTING THE CATALYST, MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL
KR20100011056	KR20080072104 20080724	SUNTEL CO LTD [KR]	H01M4/90; H01M4/86; H01M4/88; H01M8/10	CARBON NANO FIBER, CATALYST, ELECTRODE MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL AND METHOD FOR FABRICATING CATALYST
US2010098998	JP20070055446 20070306; WO2008JP54557 20080306	SUZUKI HIROSHI [JP]	H01M8/08; B05D5/00; H01M8/04	ELECTROLYTE MEMBRANE, METHOD FOR PRODUCING THE SAME, AND MEMBRANE ELECTRODE ASSEMBLY
JP2010015849	JP20080175260 20080704	SUZUKI MOTOR CORP [JP]	H01M8/04	FUEL GAS SUPPLY DEVICE OF FUEL CELL SYSTEM
JP2010015848	JP20080175259 20080704	SUZUKI MOTOR CORP [JP]	H01M8/04; H01M8/00	FUEL GAS SUPPLY DEVICE OF FUEL CELL SYSTEM
JP2010012960	JP20080175255 20080704	SUZUKI MOTOR CORP [JP]	B60K1/04; B60K8/00; B60K11/04; B60L11/18; H01M8/04	COOLING DEVICE OF FUEL CELL FOR VEHICLE
JP2010012959	JP20080175254 20080704	SUZUKI MOTOR CORP [JP]	B60K1/04; B60K8/00; B60K15/03; B60L3/00; B60L11/18; H01M8/00; H01M8/04	FUEL GAS DETECTION DEVICE FOR VEHICLE
JP2010012958	JP20080175253 20080704	SUZUKI MOTOR CORP [JP]	B60K8/00; B60K1/04; B60L3/00; B60L11/18; H01M8/00; H01M8/04	FUEL GAS DETECTION DEVICE FOR VEHICLE

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JP2010015846	JP20080175252 20080704	SUZUKI MOTOR CORP [JP]	H01M8/04; H01M8/00	EXHAUST DEVICE OF FUEL CELL SYSTEM
JP2010015845	JP20080175251 20080704	SUZUKI MOTOR CORP [JP]	H01M8/04; H01M8/06	EXHAUST DEVICE OF FUEL CELL SYSTEM
DE102009031311	JP20080175256 20080704	SUZUKI MOTOR CORP [JP]	B60K1/04; H01M8/04	K ³ HLVORRICHTUNG F ³ R EIN BRENNSTOFFZELLENBETRIEBENES FAHRZEUG
JP2010015850	JP20080175261 20080704	SUZUKI MOTOR CORP [JP]; KAWASAKI PREC MACHINERY LTD	H01M8/00; F17C5/06; H01M8/04	FUEL CELL SYSTEM FOR VEHICLE
JP2010015847	JP20080175258 20080704	SUZUKI MOTOR CORP [JP]; KAWASAKI PREC MACHINERY LTD	H01M8/04; B60K15/03; B60L11/18; H01M8/00	FUEL CELL SYSTEM FOR VEHICLE
US2010159363	US20090479899 20090608; US20030673342 20030930	SWIDER-LYONS KAREN [US]; WARTENA RYAN C [US]	H01M4/02; H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M4/96; H01M8/08; H01M8/10	ELECTROCHEMICAL CELLS FOR ENERGY HARVESTING
DE102008043951	DE200810043951 20081121	SYSPOTEK CORP [TW]	H01M8/04; H01M10/44; H01M10/48	HYBRIDSYSTEM ZUR BEREITSTELLUNG ELEKTRISCHER ENERGIE F ³ R EINE BRENNSTOFFZELLE
US2010035115	US20090573756 20091005; JP20020239723 20020820; JP20020257259 20020903; JP20020312226 20021028; JP20020380581	TAKAGI SHINOBU [JP]; SHINKAWA MASAKI [JP]; URA MIKIO [JP]; YAGI SHINICHI [JP]; KANETA YASUSHI [JP]; HISADA TATSUO [JP]	H01M8/10; B05D5/12; B21B1/08; C22C38/18; C22C38/38; C22C38/42; H01M8/02	METAL COMPONENT FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME, AUSTENITIC STAINLESS STEEL FOR POLYMER ELECTROLYTE FUEL CELL AND METAL COMPONENT FOR FUEL CELL USING THE SAME, POLYMER ELECTROLYTE FUEL CELL MATERIAL AND METHOD OF MANUFACTURING THE SAME, CORROSION- RESISTANT CONDUCTIVE COMPONENT AND METHOD OF MANUFACTURING THE SAME, AND FUEL CELL

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	20021227; US20050525234 20050222; WO2003JP10428 20030819			
US2010104917	JP20060301513 20061107; WO2007JP71644 20071107	TAKAMI MASAYOSHI [JP]; YOSHIDA TOSHIHIKO [JP]; UEDA MASAHIRO [JP]	H01M8/10; C08F220/44	SOLID POLYMER ELECTROLYTE, METHOD FOR PRODUCTION THEREOF, AND MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL USING THE SAME
US2010092821	JP20060331304 20061208; WO2007JP72048 20071107	TAKESHITA MASAHIRO [JP]	H01M8/04; F16K31/126	VALVE FOR FUEL CELL, AND FUEL CELL VEHICLE
US2010119912	JP20060330736 20061207; WO2007JP72040 20071107	TAKESHITA MASAHIRO [JP]	H01M8/04; H01M2/00	FUEL CELL SYSTEM
US2010136458	JP20050178048 20050617; WO2006JP311939 20060614	TAKIZAWA YUMIKO [JP]; IMODA DAISUKE [JP]; YOSHINO KYOKO [JP]	H01M4/02; C10L1/182; C10L1/185; H01M8/02	FUEL FOR FUEL CELL, FUEL CARTRIDGE FOR FUEL CELL AND FUEL CELL
US2010062294	JP20060165855 20060615; WO2007JP62121 20070615	TAMURA YOSHIO [JP]	H01M8/06; B01J8/00; G05D23/00	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
US2010047636	JP20060256808 20060922; WO2007JP68427 20070921	TAMURA YOSHIO [JP]; NAKAMURA AKINARI [JP]; OHARA HIDEO [JP]; OZEKI MASATAKA [JP]	H01M8/04; B01J19/00; C01B3/02	HYDROGEN GENERATING APPARATUS, METHOD OF OPERATING HYDROGEN GENERATING APPARATUS, AND FUEL CELL SYSTEM
US2010068573	JP20080002311 20080109; WO2009JP00066 20090109	TAMURA YOSHIO [JP]; TAGUCHI KIYOSHI [JP]; OZEKI MASATAKA [JP]; OHARA HIDEO [JP]	C01B3/32; C01B3/38; G05D16/00; H01M8/18	HYDROGEN GENERATOR AND FUEL CELL SYSTEM

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CN101677126	CN20081149001 20080918	TATUNG CO LTD	H01M8/00; H01M8/04	FUEL CELL SYSTEM AND OPERATING METHOD THEREOF
US2010075195	US20090539755 20090812; US20060375509 20060314	TDA RESEARCH INC [US]	H01M8/10; C08J5/20; H01M10/0565	NANOPOROUS POLYMER ELECTROLYTE
CN101636868	JP20070072465 20070320	TEIJIN DUPONT FILMS JAPAN LTD [JP]	H01M8/02	FILM FOR REINFORCING ELECTROLYTE MEMBRANE OF SOLID POLYMER FUEL CELL
JP2010006940	JP20080167338 20080626	TEIJIN LTD	C08L79/08; B32B27/34; C08G73/10; C08J5/18; C08K3/30; C08K3/32; C08K5/42; C08L101/02; H01B1/06; H01M8/02	SOLID POLYMER ELECTROLYTE COMPOSITION
JP2010009758	JP20080164167 20080624	TEIJIN LTD	H01M8/02; C08K3/30; C08K3/32; C08K5/42; C08L79/08; H01B1/06	SOLID POLYMER ELECTROLYTE
JP2010018840	JP20080180170 20080710	TEIJIN PHARMA LTD; TOKYO INST TECH [JP]	C25B1/04; C25B9/00; C25B15/08; G01N27/416; H01M8/02	METHOD FOR REMOVING WATER IN ELECTROLYTE, DEVICE THEREFOR AND WATER CONTENT MEASUREMENT APPARATUS
RU2380790	EP20070017110 20070831	TEKNIKAL UNIV OF DENMARK [DK]	H01M4/06; H01M4/08; H01M8/10	HORIZONTAL VARIABLE STRUCTURES FOR ELECTROCHEMICAL ELECTRONIC DEVICES
FI20085946	FI20080005946	TEKNILLINEN KORKEAKOULU	C25B1/02;	MENETELMÖ JA JÖRJESTELMÖ VEDYN TUOTTAMISEKSI

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	20081008	[FI]	C12N9/00; H01M8/06	JA SÖHK÷NTUOTTOJÖRJESTELMÖ
EP2143161	WO2008EP03262 20080423; DE200710019625 20070424	TEMIC AUTO ELECTR MOTORS GMBH [DE]; ENAX INC [JP]	H01M2/26; H01M8/24	ENERGY STORAGE ASSEMBLY WITH POKA-YOKE CONNECTIONS
US2010009230	US20070986201 20071120; GB20000020051 20000816; US20030362377 20030905; WO2001GB03674 20010816	TENNISON STEPHEN ROBERT [GB]; SOWERBY BEVERLEY [GB]	H01M8/02; H01M8/10; H01M4/00; H01M4/86; H01M4/88; H01M8/08; H01M8/24	FUEL CELLS BASED ON HOLLOW CONDUCTIVE CARBON FIBRES
US2010021789	JP20050231764 20050810; WO2006JP315776 20060803	TERADA MASAKI [JP]; KATAYAMA YUKIHISA [JP]; ISHIMARU HIROKAZU [JP]; HAMA YUICHIRO [JP]	H01M8/10	TUBULAR FUEL CELL AND FUEL CELL MODULE
WO2010055156	DE200810057694 20081117	TETZLAFF KARL-HEINZ [DE]	H01M8/06; F17D1/04; H01M8/00	METHOD FOR USE OF HYDROGEN BY MEANS OF FUEL CELLS ON A PIPE NETWORK
HK1091597	WO2004US09913 20040330; US20030407316 20030404	TEXACO DEVELOPMENT CORP [US]	B01J8/02; B01J19/00; B32B27/04; C01B3/38; C10J3/20; G05D1/00; H01M8/00; H01M8/04	PORTABLE FUEL PROCESS APPARATUS AND ENCLOSURE (110) AND METHOD OF INSTALLING SAME
HK1090754	WO2004US09830 20040330; US20030407488 20030404	TEXACO DEVELOPMENT CORP [US]	G05B19/042; H01M8/04; H01M8/06	ARCHITECTURAL HIERARCHY OF CONTROL FOR A FUEL PROCESSOR

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AT455591T	US20000251226P 20001205; WO2001US47112 20011205	TEXACO DEVELOPMENT CORP [US]	B01J8/04; B01J8/00; B01J8/02; B01J8/06; B01J19/00; B01J19/24; C01B3/16; C01B3/38; C01B3/48; C01B3/58; H01M8/04; H01M8/06	KOMPAKTBRENNSTOFFVERARBEITUNGSVORRICHTUNG ZUR ERZEUGUNG EINES WASSERSTOFFFREICHEN GASES
HK1093120	WO2004US09939 20040330; US20030407259 20030404	TEXACO DEVELOPMENT CORP [US]	G05B9/02; H01M8/06	FIRSTOUT SHUTDOWN TRACING FOR FUEL PROCESSOR CONTROL SYSTEM
AT465807T	US20030407401 20030404; WO2004US09783 20040330	TEXACO DEVELOPMENT CORP [US]	B01J8/04; B01J8/02; B01J10/00; C01B3/38; C01B3/48; C01B3/56; F16F1/34; F28F19/00; H01M8/00; H01M8/04; H01M8/06; H01M8/12; H01M8/18	K?HLSYSTEM F?R BRENNSTOFFBEHANDLUNGSVORRICHTUNG
AT470963T	US20030408035 20030404; WO2004US10124 20040330	TEXACO DEVELOPMENT CORP [US]	H01M8/04; B01D45/12; B04C5/14; B04C11/00	VERFAHREN UND VORRICHTUNG ZUM TRENNEN VON FL?SSIGKEIT VON EINEM GASSTROM

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EP2165380	WO2008EP58582 20080703; DE200710032116 20070709	THYSSENKRUPP STEEL EUROP AG [DE]	H01M8/02	BIPOLAR PLATE FOR A FUEL CELL AND FUEL CELL STACK
KR20100033370	JP20070188839 20070719	TODA KOGYO CORP [JP]	B01J23/89; B01J29/14; C01B3/40; H01M8/06	CATALYST FOR DECOMPOSING HYDROCARBON
JP2010003529	JP20080161145 20080620	TOHO GAS KK; TOKUSHU DENKYOKU KK	H01M8/02	INTERCONNECTOR AND ITS MANUFACTURING METHOD
RU2384920	JP20050366655 20051220	TOJOTA DZIDOSJA KK [JP]	H01M8/02; H01M8/10	METHOD OF MAKING MEMBRANE ELECTRONIC COMPONENT AND REINFORCED ELECTROLYTIC MEMBRANE IN FUEL CELL WITH POLYMER ELECTROLYTE, AND MEMBRANE ELECTRODE ASSEMBLY AND REINFORCED ELECTROLYTIC MEMBRANE MADE USING SAID METHOD
RU2379794	JP20050357543 20051212; JP20060073071 20060316	TOJOTA DZIDOSJA KK [JP]	H01M8/04	FUEL ELEMENT COOLING SYSTEM AND METHOD
AT459989T	JP20040221650 20040729	TOKAI RUBBER IND LTD [JP]	H01M8/02; H01M8/10; H01M8/24	SEPARATOR FÜR BRENNSTOFFZELLE MIT FESTEN POLYMERELEKTROLYTEN UND BRENNSTOFFZELLE MIT DIESEM SEPARATOR
KR20100018527	JP20070148850 20070605	TOKUYAMA CORP [JP]	C08F8/00; H01M4/86; H01M8/10	HYDROCARBON ELASTOMER CAPABLE OF OH TYPE ANION EXCHANGE, USE THEREOF, AND PROCESS FOR PRODUCING THE SAME
KR20100014659	JP20070090833 20070330; JP20070272576 20071019	TOKUYAMA CORP [JP]	H01M8/02; C08J5/22; H01M2/14	DIAPHRAGM FOR DIRECT LIQUID FUEL CELL AND METHOD FOR PRODUCING THE SAME
US2010081029	JP20050193630 20050701; JP20050288035	TOKUYAMA CORP [JP]	H01M8/10; B05D5/12	SEPARATING MEMBRANE FOR FUEL CELL

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	20050930; WO2006JP313530 20060630			
KR20100070330	JP20070267910 20071015	TOKUYAMA CORP [JP]	H01M8/02; C08G73/10; H01M4/90; H01M8/10	SEPERATION MEMBRANE FOR FUEL CELL
KR20100057819	JP20070217448 20070823	TOKUYAMA CORP [JP]	H01M8/02; C08F2/00; C08F8/44; H01M8/10	SEPARATION MEMBRANE FOR DIRECT LIQUID FUEL CELL AND METHOD FOR PRODUCING THE SAME
WO2010055889	JP20080292344 20081114	TOKUYAMA CORP [JP]; DAIKOKU YUSUKE [JP]; ISOMURA TAKENORI [JP]; FUKUTA KENJI [JP]; YANAGI HIROYUKI [JP]; YAMAGUCHI MASAO [JP]	C08J5/22; B01J41/14; B01J47/12; C08F26/02; H01B1/06; H01B13/00; H01M8/02; H01M8/10	ANION-EXCHANGE MEMBRANE AND METHOD FOR PRODUCING SAME
WO2010041641	JP20080259835 20081006	TOKUYAMA CORP [JP]; FUKUTA KENJI [JP]; WATANABE SHIN [JP]; YANAGI HIROYUKI [JP]	H01M8/02; C08J5/22; H01M8/10	METHOD FOR PRODUCING ANION EXCHANGE MEMBRANE FOR SOLID POLYMER ELECTROLYTE-TYPE FUEL CELL
WO2010041642	JP20080263700 20081010; JP20080324178 20081219	TOKUYAMA CORP [JP]; INOUE HIROSHI [JP]; WATANABE SHIN [JP]; FUKUTA KENJI [JP]; YANAGI HIROYUKI [JP]	H01M8/04; H01M8/02; H01M8/10	OPERATING METHOD FOR NEGATIVE ION EXCHANGE MEMBRANE-TYPE FUEL CELL
JP2010013333	JP20080176907 20080707	TOKYO GAS CO LTD [JP]	C01B31/20; B09B3/00; C10J3/00; C25B1/04; F02C3/22;	SEPARATION, RECOVERY AND TREATMENT APPARATUS OF CARBON DIOXIDE IN ATMOSPHERE

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			H01M8/06	
WO2010058750	JP20080294107 20081118	TOKYO GAS CO LTD [JP]; UEMATSU HIROYOSHI [JP]; KAMEYAMA HIROMICHI [JP]; WATANABE AKIMUNE [JP]	H01M8/04; H01M8/06; H01M8/14	HYDROGEN-RECYCLING MCFC POWER-GENERATING SYSTEM
WO2010058749	JP20080294106 20081118	TOKYO GAS CO LTD [JP]; UEMATSU HIROYOSHI [JP]; WATANABE AKIMUNE [JP]; KAMEYAMA HIROMICHI [JP]	H01M8/04; H01M8/00; H01M8/06	MCFC POWER GENERATION SYSTEM AND METHOD FOR OPERATING SAME
WO2010021158	JP20080213423 20080822	TOKYO INST TECH [JP]; AGC ENGINEERING CO LTD [JP]; FUJII KEITARO [JP]; OHASHI HIDENORI [JP]; ITO TAICHI [JP]; YAMAGUCHI TAKEO [JP]; SHOJI NOBUYOSHI [JP]; YAMAMOTO HIROTSUGU [JP]	H01B1/06; C08G75/20; H01B13/00; H01M8/02	OH- CONDUCTOR AND PROCESS FOR PRODUCING THE OH- CONDUCTOR
US2010035099	JP20060081679 20060323; JP20060220265 20060811; JP20060327130 20061204; JP20070010359 20070119; WO2007JP53685 20070227	TOKYO INST TECH [JP]; MITSUBISHI CHEM CORP [JP]	H01M8/04; H01M8/10	SOLID OXIDE CELL
JP2010018462	JP20080178880 20080709	TOKYO INST TECH [JP]; NORITAKE CO LTD	C01G33/00; C01B25/37; H01B1/06; H01M8/02	METHOD FOR PRODUCING NIOBIUM OXIDE, NIOBIUM OXIDE PREPARED BY THE PRODUCTION METHOD, METHOD FOR PRODUCING NIOBIUM PHOSPHATE AND NIOBIUM PHOSPHATE PREPARED BY THE PRODUCTION METHOD
EP2199312	WO2008JP66142 20080902;	TOKYO INST TECH [JP]; TOYOTA MOTOR CO LTD [JP]	C08F293/00; C08J5/20;	MICROPHASE SEPARATED STRUCTURE FILM AND PROCESS FOR PRODUCING THE MICROPHASE

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	JP20070227972 20070903		H01B1/06; H01M8/02; H01M8/10	SEPARATED STRUCTURE FILM
US2010098991	JP20070048319 20070228; JP20070202372 20070802; JP20070202373 20070802; WO2008JP53044 20080222	TOMOEGAWA CO LTD [JP]	H01M8/10; B05D5/12; C25B11/03; C25B11/04; H01M4/86	GAS DIFFUSION ELECTRODE FOR POLYMER ELECTROLYTE FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, PRODUCTION METHOD THEREFOR, AND POLYMER ELECTROLYTE FUEL CELL
US2010075190	JP20080243821 20080924	TOPPAN PRINTING CO LTD [JP]	H01M8/10; B32B37/00	MEMBRANE ELECTRODE ASSEMBLY, MANUFACTURING METHOD THEREOF AND FUEL CELL
US2010075196	JP20080244085 20080924; JP20080245212 20080925	TOPPAN PRINTING CO LTD [JP]	H01M8/10; C08G75/00	POLYMER ELECTROLYTE, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
US2010075188	JP20080242826 20080922	TOPPAN PRINTING CO LTD [JP]	H01M8/10; H01M4/88	MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY
EP2164122	WO2008JP61513 20080625; JP20070172630 20070629; JP20070172637 20070629	TOPPAN PRINTING CO LTD [JP]	H01M4/86; H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY, PROCESS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, SOLID POLYMER FUEL CELL
US2010062308	JP20080233294 20080911	TOPPAN PRINTING CO LTD [JP]	H01M8/10; B32B37/00	MEMBRANE ELECTRODE ASSEMBLY, MANUFACTURING METHOD THEREOF AND FUEL CELL
US2010062306	JP20080228148 20080905; JP20080241781 20080919; JP20080249732 20080929;	TOPPAN PRINTING CO LTD [JP]	H01M8/10; B05D5/12	POLYMER ELECTROLYTE FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND MANUFACTURING METHOD THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	JP20080249743 20080929			
US2010124686	JP20080295369 20081119	TOPPAN PRINTING CO LTD [JP]	H01M8/10	METHOD OF MANUFACTURING A MEMBRANE ELECTRODE ASSEMBLY, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
KR20100025020	JP20070172618 20070629; JP20070172643 20070629	TOPPAN PRINTING COMPANY LTD [JP]	H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY, PROCESS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER ELECTROLYTE FUEL CELL
DK1401044T	DK20020000732 20020514	TOPSOE FUEL CELL AS [DK]	H01M8/12; B26D7/06; C04B35/64; H01M8/24	FREMANGSMØDE TIL FREMSTILLING AF BRØNDELSCELLER MED FAST OXID OG STAKKE DERAFT
CN101689671	WO2008EP00527 20080124; DK20070000131 20070126	TOPSOE FUEL CELL AS [DK]	H01M8/24; H01M8/04	FUEL CELL STACK CLAMPING STRUCTURE AND SOLID OXIDE FUEL CELL STACK
WO2010012336	DK20090001059 20080801	TOPSOE FUEL CELL AS [DK]; ERIKSTRUP NIELS [DK]	H01M8/02	INTERCONNECT FOR A FUEL CELL, A METHOD FOR MANUFACTURING AN INTERCONNECT FOR A FUEL CELL
AT463851T	DK20040000879 20040604	TOPSOE HALDOR AS [DK]	C10L3/06; H01M8/06; C01B3/22; H01M8/04; H01M8/12	KRAFTSTOFFVERARBEITUNGSMETHODE UND -SYSTEM
JP2010013517	JP20080173098 20080702	TORAY INDUSTRIES [JP]	C08G65/40; C08J3/14; H01B13/00	METHOD FOR PRODUCING ELECTROLYTE POLYMER
US2010015493	JP20040353914 20041207; JP20050253178 20050901; WO2005JP21507 20051124	TORAY INDUSTRIES [JP]	H01M8/10; B32B27/08; B32B37/00	FILM ELECTRODE COMPOSITE ELEMENT AND PRODUCTION METHOD THEREFOR, AND FUEL CELL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
CN101640277	JP20040353914 20041207	TORAY INDUSTRIES [JP]	H01M8/02	PRODUCTION METHOD OF FILM ELECTRODE COMPOSITE ELEMENT
JP2010010101	JP20080171484 20080630	TOSHIBA CORP	H01M4/86; B01J31/26; C08L27/12; H01M4/88; H01M4/90; H01M4/92; H01M8/02; H01M8/10	CATHODE FOR FUEL CELL
JP2010010085	JP20080171200 20080630	TOSHIBA CORP	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2010010084	JP20080171199 20080630	TOSHIBA CORP	H01M8/04; G10L19/00; H01M8/00	ELECTRONIC EQUIPMENT SYSTEM
JP2010010033	JP20080170166 20080630	TOSHIBA CORP	H01M8/02; H01B1/06; H01M8/10	PROTON CONDUCTIVE MEMBRANE, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME
JP2010009855	JP20080166160 20080625	TOSHIBA CORP	H01M8/04	FUEL CELL DEVICE
JP2010003516	JP20080160690 20080619	TOSHIBA CORP	H01M8/04; H01M8/02	FUEL CELL
JP2010015965	JP20070251654 20070927; JP20080147076 20080604; JP20080236280 20080916	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/24; H01M8/02	FUEL CELL
JP2010003562	JP20080161960 20080620	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M4/86; H01M8/02; H01M8/04	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
JP2010021061	JP20080181417 20080711	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/04	FUEL CELL POWER GENERATION SYSTEM

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JP2010009904	JP20080166845 20080626	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2010003702	JP20090198501 20090828	TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/24; H01M8/04; H01M8/10	FUEL CELL DEVICE
JP2010015868	JP20080175644 20080704	TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/04; H01M8/02; H01M8/10	FUEL CELL POWER GENERATION SYSTEM AND FUEL CELL POWER GENERATION METHOD
DE112005002853	JP20040333440 20041117; WO2005JP20936 20051115	TOSHIBA FUEL CELL POWER SYS [JP]	H01M8/04; H01M8/10	BRENNSTOFFZELLENENERGIESYSTEM UND VERFAHREN
JP2010015937	JP20080177073 20080707	TOSHIBA FUEL CELL POWER SYS [JP]; TOSHIBA CORP	H01M8/06; H01M8/04	FUEL CELL POWER GENERATING DEVICE
JP2010003459	JP20080159598 20080618	TOSHIBA FUEL CELL POWER SYS [JP]; TOSHIBA CORP	H01M8/04	FUEL CELL POWER GENERATION SYSTEM, ITS CONTROL METHOD, AND CONTROL PROGRAM
JP2010007739	JP20080166571 20080625	TOSHIBA HOME TECH CORP	F16J15/06; H01M8/04	FUEL CELL DEVICE
DE19982376	JP19980304079 19981026; WO1999JP05912 19991026	TOSHIBA KAWASAKI KK [JP]	H01M8/04; H01M8/06	POLYMER-ELEKTROLYT-BRENNSTOFFZELLENSYSTEM
US2010021787	JP20080192345 20080725	TOSHIBA KK [JP]	H01M8/10; C23C14/34; H01M4/00; H01M4/88	PROCESSES FOR PRODUCING CATALYST-LAYER-SUPPORTING SUBSTRATE, CATALYST-LAYER-SUPPORTING SUBSTRATE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
CN101630751	JP20080187385 20080718	TOSHIBA KK [JP]	H01M8/04	FUEL CELL DEVICE
US2010003550	JP20080175548 20080704	TOSHIBA KK [JP]	H01M8/04	FUEL CELL DEVICE AND METHOD FOR REGULATING FUEL SUPPLY TO FUEL CELL DEVICE
US2010003566	JP20080016091 20080128; WO2008JP68410	TOSHIBA KK [JP]	H01M4/86; H01M8/10	PROTON-CONDUCTIVE INORGANIC MATERIAL FOR FUEL CELL AND FUEL CELL ANODE EMPLOYING THE SAME

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	20081003			
KR20100020510	JP20070178981 20070706	TOSHIBA KK [JP]	H01M8/04; G01R31/36; H04M1/725	ELECTRONIC DEVICE
KR20100010516	JP20070247405 20070925	TOSHIBA KK [JP]	H01M8/04; H01M8/10	FUEL CELL POWER GENERATING SYSTEM AND METHOD OF MANUFACTURING THE SAME
US2010047654	US20090609658 20091030; JP20040273512 20040921; JP20050099287 20050330; US20050227328 20050916	TOSHIBA KK [JP]	H01M8/10; C01G25/00	FUEL CELL SYSTEM
KR20100034051	JP20070190450 20070723	TOSHIBA KK [JP]	H01M8/04; F16K31/64; G05D7/00; H01M8/10	FUEL CELL
US2010055532	JP20080226388 20080903	TOSHIBA KK [JP]	H01M8/10; B01D53/22; B05D5/12	GAS DIFFUSION LAYER, FUEL CELL AND METHOD FOR FABRICATING FUEL CELL
US2010081019	US20090631550 20091204; JP20050099286 20050330; US20060390256 20060328	TOSHIBA KK [JP]	H01M8/00; B67D99/00	FUEL CELL SYSTEM
WO2010032674	JP20080241326 20080919	TOSHIBA KK [JP]; AKAMOTO YUKINORI; SUZUKI HIDENORI	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM
WO2010035868	JP20080251020 20080929	TOSHIBA KK [JP]; FUJISAWA AKIKO [JP]; CHIGUSA HISASHI [JP]; ICHIKAWA	H01M8/02; H01M4/86; H01M8/10	FUEL CELL

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		KATSUMI [JP]; ONODERA SHINICHI [JP]; KODA HITOSHI [JP]; KANBAYASHI SHINICHI [JP]; TAKAZAWA NAOYUKI [JP]		
WO2010050196	JP20080280400 20081030; JP20090238256 20091015	TOSHIBA KK [JP]; ONODERA SHINICHI [JP]; KODA HITOSHI [JP]; ICHIKAWA KATSUMI [JP]; TAKAZAWA NAOYUKI [JP]; KANBAYASHI SHINICHI [JP]; CHIGUSA HISASHI [JP]; FUJISAWA AKIKO [JP]; HASHIMOTO MINORU [JP]; KITAZAWA YUUSUKE [JP]	H01M4/96; B01J35/02; H01M4/86	FUEL CELL ELECTRODES AND FUEL CELLS
WO2010013711	JP20080195088 20080729	TOSHIBA KK [JP]; SATO YUICHI [JP]; WATANABE DAISUKE [JP]; OOMICHI GENTA [JP]	H01M8/04	FUEL CELL SYSTEM AND ELECTRONIC DEVICE
WO2010013714	JP20080195131 20080729	TOSHIBA KK [JP]; SENOUE KIYOSHI [JP]; SUZUKI HIDENORI [JP]; TAKEDA YASUTO [JP]; YANADA SHINICHIRO [JP]	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM AND CHARGING DEVICE
WO2010061572	JP20080299601 20081125; JP20090182735 20090805	TOSHIBA KK [JP]; TAKAHASHI KENICHI [JP]; SHIMOYAMADA TAKASHI [JP]; GOTO MOTOI [JP]; KAWAMURA KOICHI [JP]; HASEBE HIROYUKI [JP]	H01M8/04; F16K15/14; F16K24/06; F16K51/00	FUEL CELL PRESSURE ADJUSTING VALVE AND FUEL CELL
US2010068586	JP20060141403 20060522; WO2007JP00536 20070521	TOSHIBA KK [JP]; TOYO SEIKAN KAISHA LTD [JP]	H01M8/10; F16L37/00; H01M2/00	FUEL CELL COUPLER AND FUEL CELL USING SAME
KR20100070384	JP20070280222	TOSHIBA KK [JP]; TOYO	H01M8/04;	COUPLER FOR FUEL CELL AND FUEL CELL

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	20071029	SEIKAN KAISHA LTD [JP]	F16L37/30	
WO2010047036	JP20080271003 20081021	TOSHIBA KK [JP]; TOYO SEIKAN KAISHA LTD [JP]; TAKAHASHI KENICHI [JP]; HASEBE HIROYUKI [JP]; KAWAMURA KOICHI [JP]; YOSHIHIRO KENJI [JP]; YAMAMORI YOU [JP]	H01M8/04	PLUG FOR FUEL CELL AND COUPLER ADAPTED FOR FUEL CELL AND USING SAME
WO2010013709	JP20080195087 20080729	TOSHIBA KK [JP]; WATANABE DAISUKE [JP]; SATO YUUICHI [JP]; OOMICHI GENTA [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM, AND ELECTRONIC DEVICE
WO2010013425	JP20080193890 20080728	TOSHIBA KK [JP]; YAJIMA AKIRA [JP]; OOMICHI GENTA [JP]; SATO ASAKO [JP]; FURUICHI MITSURU [JP]; AOKI RISA [JP]; YOSHIDA YUICHI [JP]	H01M8/02; H01M4/86; H01M8/04; H01M8/10	FUEL CELL
WO2010005002	JP20080180596 20080710; JP20080236968 20080916	TOSHIBA KK [JP]; YOSHIDA YUICHI [JP]; YAJIMA AKIRA [JP]; KAN HIROFUMI [JP]; OOMICHI GENTA [JP]; SATO YUUICHI [JP]; WATANABE DAISUKE [JP]; MOMMA JUN [JP]	H01M8/02; H01M8/04; H01M8/10	FUEL CELL
JP2010015706	JP20080172200 20080701	TOTO LTD [JP]	H01M8/00; H01M8/04; H01M8/12	FUEL CELL SYSTEM
KR20100007862	JP20070095208 20070330	TOTO LTD [JP]	H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL DEVICE
JP2010015807	JP20080174397 20080703	TOTO LTD [JP]	H01M8/02; H01M4/86; H01M4/88; H01M8/12	SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL UNIT, AND FUEL CELL MODULE EQUIPPED WITH THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
JP2010009945	JP20080168080 20080627	TOTO LTD [JP]	H01M8/24; H01M8/02	FUEL CELL UNIT
JP2010009944	JP20080168079 20080627	TOTO LTD [JP]	H01M8/06; H01M8/04	REFORMER UNIT FOR FUEL CELL AND FUEL CELL MODULE
EP2178145	JP20080267064 20081016	TOTO LTD [JP]	H01M8/02	SOLID OXIDE FUEL CELL AND FUEL CELL MODULE COMPRISING SUCH A SOLID OXIDE FUEL CELL
JP2010015972	JP20080149247 20080606; JP20080332434 20081226	TOYO BOSEKI [JP]	H01M4/90; B01J23/34; B01J23/72; B01J23/745; B01J23/75; B01J23/755; B01J35/10; B01J37/08; B01J37/34; H01M4/88; H01M4/96; H01M8/02	CATALYST FOR FUEL CELL USING THERMALLY TREATED COORDINATED POLYMER METAL COMPLEX, MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, AND OXIDATION-REDUCTION CATALYST
JP2010015971	JP20080149248 20080606; JP20080332433 20081226	TOYO BOSEKI [JP]	H01M4/90; B01J31/26; B01J31/28; B01J35/10; B01J37/08; H01M4/86; H01M4/88; H01M4/96	CATALYST FOR FUEL CELL USING THERMALLY TREATED COORDINATED POLYMER METAL COMPLEX CONTAINING METAL FINE PARTICLES, MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, AND OXIDATION-REDUCTION CATALYST
JP2010015970	JP20080149249 20080606; JP20080332432 20081226	TOYO BOSEKI [JP]	H01M4/90; B01J23/72; B01J23/745; B01J23/75; B01J23/755; B01J23/889; B01J35/10;	CATALYST FOR FUEL CELL USING METAL COMPLEX COMPOSITE, MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, AND OXIDATION-REDUCTION CATALYST

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			B01J37/08; B01J37/12; B01J37/34; H01M4/86; H01M4/88; H01M4/96; H01M8/02	
JP2010021126	JP20080155385 20080613; JP20080256288 20081001	TOYO BOSEKI [JP]	H01M8/02; C08J5/22; H01B1/06; H01B13/00	ION-CONDUCTIVE COMPOSITE POLYMERIC MEMBRANE, AND PROCESS FOR PRODUCING THE SAME
CN101641818	JP20060349111 20061226	TOYO BOSEKI [JP]	H01M8/02	METHOD FOR MANUFACTURING POLYMERIC ELECTROLYTE MEMBRANE
DK1561768T	JP20020295284 20021008; JP20030032622 20030210; JP20030032621 20030210; WO2003JP12850 20031007	TOYO BOSEKI [JP]	C08G65/40; B01D67/00; B01D71/52; B01D71/62; B01D71/68; B01D71/82; C08L71/10; C08L79/08; C09J171/08; H01B1/12; H01M4/88; H01M8/02; H01M8/10; H01M10/40	POLYARYLENÖTERFORBINDELSE INDEHOLDENDE SULFONSYREGRUPPER, SAMMENSÖTNING INDEHOLDENDE DEN SAMME OG FREMGANGSMØDE TIL FREMSTILLING AF DISSE
US2010055536	JP20060349111 20061226; JP20070100150 20070406; JP20070245049 20070921;	TOYO BOSEKI [JP]	H01M8/10	METHOD FOR PRODUCING A POLYMER ELECTROLYTE MEMBRANE

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	JP20070245050 20070921; WO2007JP74915 20071226			
WO2010027047	JP20080230046 20080908	TOYO SEIKAN KAISHA LTD [JP]; NARUTAKI KOUICHI [JP]; TANAKA KENJIROU [JP]; HONDA JOU [JP]; YOSHIHIRO KENJI [JP]; YAMAMORI YOU [JP]	H01M8/04; B65D83/00	FUEL CARTRIDGE FOR FUEL CELL
EP2177444	WO2008JP63815 20080725; JP20070194432 20070726	TOYO SEIKAN KAISHA LTD [JP]; TOSHIBA KK [JP]	B65D25/42; H01M8/04	COUPLER
WO2010047143	JP20080270026 20081020	TOYOTA AUTO BODY CO LTD [JP]; FUTAMI SATOSHI [JP]; HASHIMOTO KEIJI [JP]	H01M8/02	GAS CHANNEL FORMING MEMBER FOR POWER GENERATION CELL, METHOD FOR MANUFACTURING SAME, AND MOLDING DEVICE
WO2010047142	JP20080270027 20081020	TOYOTA AUTO BODY CO LTD [JP]; FUTAMI SATOSHI [JP]; HASHIMOTO KEIJI [JP]	H01M8/02	GENERATOR CELL OF A FUEL CELL AND MANUFACTURING METHOD THEREOF
WO2010013524	JP20080196835 20080730	TOYOTA AUTO BODY CO LTD [JP]; SUZUKI YUKIHIRO [JP]; HASHIMOTO KEIJI [JP]	H01M8/02; H01M8/06	POWER GENERATING CELL FOR FUEL CELL
US2010151359	JP20070232232 20070907; WO2008JP65615 20080825	TOYOTA AUTO BODY CO LTD [JP]; TOYOTA MOTOR CO LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL AND METHOD OF FORMING COLLECTOR OF THE SEPARATOR
JP2010017667	JP20080181959 20080711	TOYOTA BOSHOKU KK [JP]	B01J47/14; B01J47/06; B01J47/08; B01J47/10; C02F1/42; H01M8/04	ION EXCHANGE APPARATUS

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JP2010003448	JP20080159190 20080618	TOYOTA BOSHOKU KK [JP]	H01M8/04	COOLING SYSTEM FOR FUEL CELL
EP2145666	WO2008JP50941 20080124; JP20070085083 20070328	TOYOTA BOSHOKU KK [JP]	B01D53/14; B01D53/50; B01D53/52; H01M8/06	SULFUR-TYPE GAS REMOVING FILTER AND METHOD FOR REMOVING SULFUR-TYPE GAS USING THE SAME
US2010028740	JP20080200146 20080801	TOYOTA BOSHOKU KK [JP]	H01M8/04	FUEL CELL SYSTEM
EP2156493	WO2008US62812 20080507; US20070745782 20070508	TOYOTA ENG & MFG NORTH AMERICA [US]; UNIV CHICAGO [US]	H01M8/02; H01B1/06	NOVEL ELECTROLYTE UTILIZING A LEWIS ACID/BRONSTEAD ACID COMPLEX
EP2158230	WO2008US62839 20080507; US20070745834 20070508	TOYOTA ENG & MFG NORTH AMERICA [US]; UNIV CHICAGO [US]	C08F8/38; C08G61/12; C08G69/26; H01B1/06; H01M8/02; H01M8/10	PROTON CONDUCTING ELECTROLYTE
US2010119900	US20100690417 20100120; JP20000361076 20001128; JP20010278724 20010913; US20080140737 20080617; US20010990264 20011123	TOYOTA JIDOSHA KAKUSHIKI KAISH [JP]	H01M8/00; H01M8/04; B60L11/18	FUEL CELL OUTPUT CHARACTERISTIC ESTIMATION APPARATUS AND OUTPUT CHARACTERISTIC ESTIMATION METHOD, FUEL CELL SYSTEM AND VEHICLE HAVING THE SAME, AND FUEL CELL OUTPUT CONTROL METHOD AND DATA STORAGE MEDIUM
US2010092812	JP20070115623 20070425; WO2008JP57758 20080422	TOYOTA JIDOSHOKKI KK [JP]	H01M8/06	DEVICE AND METHOD FOR PROCESSING EXHAUST GAS FROM FUEL CELL
DE112008001029T	JP20070150987	TOYOTA JIDOSHOKKI KK [JP];	F17C11/00;	WASSERSTOFFGASSPEICHERVORRICHTUNG

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	20070606; WO2008JP60287 20080604	TOYOTA MOTOR CO LTD [JP]	F17C13/08; H01M8/00; H01M8/04	
KR20100007991	JP20070158724 20070615	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01K3/10	FUEL CELL SYSTEM AND ITS ACTIVATION DEGREE-OF-COMPLETION DISPLAYING METHOD
KR20100006167	JP20070158542 20070615	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL
KR20100002303	JP20070151304 20070607	TOYOTA MOTOR CO LTD [JP]	F24F6/04; H01M8/04	HUMIDIFIER AND FUEL CELL SYSTEM
US2010047646	JP20060193303 20060713; WO2007JP63799 20070711	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL VEHICLE
DE112008000266T	JP20070040532 20070221; WO2008JP52610 20080218	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00	BRENNSTOFFZELLENSYSTEM
EP2143685	WO2008JP55901 20080327; JP20070115809 20070425; JP20080079585 20080326	TOYOTA MOTOR CO LTD [JP]	C01B3/38; H01M8/04; H01M8/06	REFORMING DEVICE AND FUEL CELL SYSTEM
CN101636869	JP20070111086 20070420	TOYOTA MOTOR CO LTD [JP]	H01M8/02	FUEL CELL SEPARATOR AND FUEL CELL
CA2696832	JP20080218522 20080827; JP20080325604 20081222; WO2009JP64979 20090827	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL
EP2153482	WO2008IB01211	TOYOTA MOTOR CO LTD [JP]	H01M4/86;	ELECTRODE CATALYST FOR ALKALINE FUEL CELL,

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	20080515; JP20070133002 20070518		B01J23/74; B01J23/75; H01M4/90; H01M8/08	ALKALINE FUEL CELL, AND FORMATION METHOD FOR ALKALINE FUEL CELL ELECTRODE CATALYST
EP2154743	WO2008JP57792 20080416; JP20070113408 20070423	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M4/86; H01M8/10	PROCESS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, MEMBRANE ELECTRODE ASSEMBLY, APPARATUS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
CN101632191	JP20070305732 20071127	TOYOTA MOTOR CO LTD [JP]	H01M8/02	FUEL CELL AND FUEL CELL GAS SEPARATOR
DE112008000843T	JP20070138806 20070525; WO2008IB01294 20080523	TOYOTA MOTOR CO LTD [JP]	H01M8/04	BRENNSTOFFZELLENSYSTEM UND BRENNSTOFFZELLENSYSTEMSTEUERVERFAHREN
DE112008000986T	JP20070113440 20070423; WO2008JP58309 20080423	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112008000713T	JP20070073037 20070320; JP20070307866 20071128; WO2008JP55026 20080312	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00; H01M8/10	GEHÖUSE ZUM AUFNEHMEN EINES ELEKTROMAGNETISCHEN VENTILS FÜR EIN BRENNSTOFFZELLENSYSTEM
DE112008000960T	JP20070105046 20070412; WO2008IB00882 20080411	TOYOTA MOTOR CO LTD [JP]	H01M8/04	BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM STEUERN DES BRENNSTOFFZELLENSYSTEMS
DE112008000472T	JP20070052333 20070302; WO2008IB00434 20080228	TOYOTA MOTOR CO LTD [JP]	H01M8/24	BRENNSTOFFZELLE UND BEFESTIGUNGSVORRICHTUNG FÜR EINE BRENNSTOFFZELLE
US2010015482	JP20060287263	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20061023; WO2007JP70973 20071022			
US2010015484	JP20060220140 20060811; WO2007JP61687 20070605	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
CN101627498	JP20070057572 20070307	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM, ELECTRODE CATALYST DEGRADATION JUDGMENT METHOD, AND MOVING BODY
CN101622748	JP20070051601 20070301	TOYOTA MOTOR CO LTD [JP]	H01M8/04	A FUEL CELL SYSTEM, ELECTRODE CATALYST DEGRADATION JUDGMENT METHOD, AND MOVING BODY
CN101622746	JP20070125447 20070510	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
CN101627497	JP20060337748 20061215	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL SYSTEM START METHOD
DE112008000870T	JP20070107292 20070416; WO2008JP57788 20080416	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112008000869T	JP20070125903 20070510; WO2008JP58307 20080423	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112008000866T	JP20070108793 20070418; WO2008JP56655 20080327	TOYOTA MOTOR CO LTD [JP]	H01M8/04; F16K17/22	BRENNSTOFFZELLENSYSTEM
EP2145792	WO2008JP58997 20080509; JP20070127194 20070511	TOYOTA MOTOR CO LTD [JP]	B60K8/00; B60K1/04; B60L11/18; H01M8/00; H01M8/04; H01M8/24	FUEL CELL VEHICLE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
EP2145791	WO2008JP58996 20080509; JP20070127203 20070511	TOYOTA MOTOR CO LTD [JP]	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	VEHICLE MOUNTING FUEL CELL
US2010009225	JP20060238140 20060901; WO2007JP67352 20070830	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND MOBILE BODY
DE112008000825T	JP20070089648 20070329; WO2008JP56506 20080326	TOYOTA MOTOR CO LTD [JP]	H01M4/86; H01M8/02; H01M8/10	BRENNSTOFFZELLE UND VERFAHREN ZUR HERSTELLUNG DERSELBEN
DE112008000821T	JP20070085548 20070328; WO2008JP55156 20080313	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112008000763T	JP20070082999 20070327; WO2008JP56278 20080325	TOYOTA MOTOR CO LTD [JP]	H01M6/18; C01G25/00; H01M8/12	PROTONENLEITER, ELEKTROCHEMISCHE ZELLE UND VERFAHREN ZUR HERSTELLUNG EINES PROTONENLEITERS
US2010003560	JP20060218783 20060810; WO2007IB02286 20070808	TOYOTA MOTOR CO LTD [JP]	H01M2/02; H01M8/04	FUEL CELL
US2010003567	JP20060204192 20060727; WO2007IB02126 20070726	TOYOTA MOTOR CO LTD [JP]	H01M8/10; B05D5/12	FUEL CELL
US2010003572	JP20050364353 20051219; WO2006JP324995 20061208	TOYOTA MOTOR CO LTD [JP]	H01M2/02; B05D5/12; H01M8/00	FUEL CELL AND MANUFACTURING METHOD OF THE SAME

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DE112008000654T	JP20070075234 20070322; WO2008JP54242 20080304	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	HERSTELLUNGSVERFAHREN EINER BRENNSTOFFZELLE, BRENNSTOFFZELLESEPARATOR UND TRANSPORTSYSTEM DESSELBEN
DE112008000649T	JP20070061810 20070312; WO2008JP54831 20080310	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112008000622T	JP20070061842 20070312; WO2008JP54828 20080310	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00; H01M10/44; H02J7/00; H02J7/34	BRENNSTOFFZELLENSYSTEM
DE112008000547T	JP20070059709 20070309; WO2008JP54686 20080307	TOYOTA MOTOR CO LTD [JP]	H01M8/04	BRENNSTOFFZELLENSYSTEM
DE112008000538T	JP20070048513 20070228; JP20070186618 20070718; WO2008IB00424 20080227	TOYOTA MOTOR CO LTD [JP]	H01M8/02	BRENNSTOFFZELLE
DE112007002858T	JP20060320495 20061128; WO2007JP72996 20071121	TOYOTA MOTOR CO LTD [JP]	H01M8/04; F16K31/12	BRENNSTOFFZELLENSYSTEM
KR20100020526	JP20070186659 20070718	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18	FUEL CELL, FUEL CELL-EQUIPPED VEHICLE, AND MEMBRANE ELECTRODE UNIT
KR20100020525	JP20070185921 20070717	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; G01R31/36;	FUEL CELL SYSTEM AND ITS CONTROL METHOD

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			H01M8/10	
KR20100010515	JP20070175150 20070703	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND ITS CONTROL METHOD
CN101657926	JP20070107297 20070416	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
EP2157649	WO2008JP58890 20080508; JP20070125448 20070510	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
EP2156491	WO2008IB01248 20080520; JP20070134119 20070521	TOYOTA MOTOR CO LTD [JP]	H01M4/86; C01B31/02; H01M8/08; H01M8/10	FUEL CELL
EP2156492	WO2008IB01207 20080515; JP20070133280 20070518	TOYOTA MOTOR CO LTD [JP]	H01M4/88; B01J23/42; B01J23/46; B01J23/745; B01J23/75; B01J23/755; B01J23/89; B01J37/02; B01J37/04; B01J37/08; H01M4/86; H01M4/92; H01M8/08; H01M8/10	ALKALINE FUEL CELL ELECTRODE CATALYST, ALKALINE FUEL CELL, MANUFACTURE METHOD FOR ALKALINE FUEL CELL ELECTRODE CATALYST, AND MANUFACTURE METHOD FOR ALKALINE FUEL CELL
EP2156496	WO2008IB00533 20080307; JP20070117228 20070426	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010040922	JP20060315933 20061122;	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM

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	WO2007JP72148 20071108			
US2010040925	JP20060350905 20061227; WO2007JP75357 20071225	TOYOTA MOTOR CO LTD [JP]	H01M8/10	FUEL CELL
CN101652892	JP20070104534 20070412	TOYOTA MOTOR CO LTD [JP]	H01M8/06	FUEL CELL SYSTEM
US2010035117	JP20060330184 20061207; WO2007JP72052 20071107	TOYOTA MOTOR CO LTD [JP]	H01M8/04; F16K31/126	FLUID CONTROL VALVE AND FUEL CELL SYSTEM
US2010035106	JP20060309989 20061116; WO2007JP72051 20071107	TOYOTA MOTOR CO LTD [JP]	H01M2/00; H01M8/04	FUEL CELL SYSTEM
CN101647146	JP20070110355 20070419	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL BATTERY SYSTEM AND POWER SUPPLY CONTROL METHOD
DE112008001028T	JP20070118740 20070427; WO2008JP58459 20080425	TOYOTA MOTOR CO LTD [JP]	H01M8/24; B60K1/04; B60K8/00; H01M8/00	BRENNSTOFFZELLENSTAPEL UND MIT EINEM BRENNSTOFFZELLENSYSTEM AUSGESTATTETES FAHRZEUG
DE112008001014T	JP20070106947 20070416; WO2008IB00859 20080410	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/24	BRENNSTOFFZELLENSYSTEM
EP2151001	WO2008IB01265 20080521; JP20070139443 20070525	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/06; H01M8/08	FUEL CELL SYSTEM AND OPERATION METHOD THEREFOR
CN101641820	JP20070074216 20070322	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND MOBILE BODY
EP2149596	WO2008JP57098	TOYOTA MOTOR CO LTD [JP]	C10L3/10;	ODORANT ADDING DEVICE AND FUEL GAS SUPPLY

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	20080410; JP20070110327 20070419		C01B3/00; H01M8/04; H01M8/06	SYSTEM
KR20100034053	JP20070221336 20070828	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36	FUEL CELL SYSTEM
KR20100028671	JP20080080361 20080326; JP20080171365 20080630	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G05D7/00; H01M8/10	FUEL CELL SYSTEM AND OPERATING METHOD OF A FUEL CELL
KR20100025012	JP20070197401 20070730	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; H01M8/10	FUEL CELL SYSTEM
KR20100033409	JP20070191887 20070724	TOYOTA MOTOR CO LTD [JP]	H01M12/06; H01M8/04; H01M12/08	AIR BATTERY SYSTEM AND METHODS FOR USING AND CONTROLLING AIR
CN101689639	WO2008JP63459 20080718; JP20070188465 20070719	TOYOTA MOTOR CO LTD [JP]	H01M4/86; H01M8/10	FUEL CELL AND ELECTRODE POWDER FOR CONSTITUTING CATALYST LAYER OF THE FUEL CELL
CN101689665	WO2008JP62242 20080630; JP20070176306 20070704	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND CONTROL UNIT FOR FUEL CELL SYSTEM
CN101689651	WO2008IB01845 20080716; JP20070186705 20070718	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/04; H01M8/24	FUEL CELL PERFORMING ANODE DEAD-END OPERATION WITH IMPROVED WATER MANAGEMENT
CN101689649	WO2008JP62240 20080630; JP20070174123 20070702	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE AND FUEL CELL EMPLOYING IT
CN101687171	WO2008JP63329 20080717;	TOYOTA MOTOR CO LTD [JP]	B01J19/08; B01J37/34;	POWDER TREATMENT DEVICE

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	JP20070189301 20070720		H01M4/88; H01M8/10	
CN101689660	WO2008JP59849 20080522; JP20070139391 20070525	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/24	FUEL CELL SYSTEM
CN101689659	WO2008IB01291 20080523; JP20070138333 20070524	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL IN-PLANE STATE ESTIMATING SYSTEM AND FUEL CELL IN-PLANE STATE ESTIMATING METHOD
CN101689669	WO2008IB01796 20080709; JP20070184972 20070713	TOYOTA MOTOR CO LTD [JP]	H01M8/12; H01M4/86; H01M4/92; H01M8/24	FUEL CELL
CN101689644	WO2008IB01687 20080627; JP20070168585 20070627	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/24	FUEL CELL WITH VOLTAGE DETECTION TERMINAL
CN101689657	WO2008IB00459 20080229; JP20070051857 20070301	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/06; H01M8/10	CONCENTRATION DISTRIBUTION ESTIMATION DEVICE FOR IMPURITY IN ANODE SIDE, AND FUEL CELL SYSTEM USING THE DEVICE
EP2168195	WO2008IB01852 20080716; JP20070186699 20070718	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND START CONTROL METHOD FOR FUEL CELL
EP2169754	EP20030780756 20031215; JP20030059618 20030306; JP20030390629 20031120; WO2003JP16020	TOYOTA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL STACK

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	20031215			
CN101682064	WO2008JP60234 20080528; JP20070157856 20070614	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
CN101682051	WO2008JP60512 20080603; JP20070156053 20070613	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	MANUFACTURING APPARATUS AND METHOD FOR FUEL CELL ELECTRODE MATERIAL JUNCTION, AND FUEL CELL
CN101682061	WO2008JP62115 20080627; JP20070174579 20070702	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/10	FUEL CELL SYSTEM AND CURRENT CONTROL METHOD THEREOF
CN101682060	WO2008JP60111 20080527; JP20070144720 20070531	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; H01M8/00; H01M8/10	FUEL CELL SYSTEM
CN101682058	WO2008JP59487 20080516; JP20070141980 20070529	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
CN101682047	WO2008IB01336 20080527; JP20070140374 20070528	TOYOTA MOTOR CO LTD [JP]	H01M8/02	FUEL CELL
CN101682057	WO2008IB01925 20080724; JP20070194936 20070726	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60F3/00; B60L11/18; H01M8/00	FUEL CELL MOTOR VEHICLE AND CONTROL METHOD THEREFOR
CN101682039	WO2008IB01260 20080521; JP20070133997 20070521	TOYOTA MOTOR CO LTD [JP]	H01M4/88; C12N11/18; C12P3/00; C12P7/24;	FUEL CELL AND METHOD FOR MANUFACTURING FUEL CELL

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			H01M4/90; H01M4/92; H01M8/10; H01M8/16	
CN101678759	WO2008IB01262 20080521; JP20070135014 20070522	TOYOTA MOTOR CO LTD [JP]	B60K15/00; B60K1/04; B60L11/18; H01M8/04; H01M8/24	MOVABLE BODY
CN101682072	WO2008IB01268 20080521; JP20070136533 20070523	TOYOTA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL AND FUEL CELL FASTENING DEVICE
CN101675551	WO2008JP62362 20080702; JP20070173791 20070702	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
CN101675549	WO2008JP59854 20080522; JP20070135868 20070522	TOYOTA MOTOR CO LTD [JP]	H01M8/02; C08J5/22; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE, METHOD FOR PRODUCTION THEREOF, AND SOLID POLYMER FUEL CELL
DE112008001296T	JP20070137418 20070524; WO2008JP59607 20080520	TOYOTA MOTOR CO LTD [JP]	F17C1/00; F17C13/00; H01M8/04	TANK
CN101669243	JP20070119150 20070427	TOYOTA MOTOR CO LTD [JP]	H01M8/06	FUEL CELL SYSTEM
DE112008001248T	JP20070128136 20070514; WO2008JP59099 20080513	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00; H01M8/10	BRENNSTOFFZELLENSYSTEM
DE112005000592	JP20040076772	TOYOTA MOTOR CO LTD [JP]	F17D3/16;	FLUIDZUFUHRVORRICHTUNG UND DAMIT

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	20040317; WO2005JP05042 20050315		B01D46/00; B01D46/42; F16L27/11; F16L27/111; F16L55/24; H01M8/04; H01M8/06	AUSGESTATTETES BRENNSTOFFZELLENSYSTEM
KR20100044288	JP20070268770 20071016	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; H01M8/10; H01M10/44	FUEL CELL SYSTEM
KR20100037660	JP20050004454 20050111	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18	FUEL BATTERY SYSTEM, FUEL BATTERY VEHICLE AND OPERATING METHOD OF FUEL BATTERY SYSTEM
KR20100035182	JP20070197057 20070730	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; H01M8/10	FUEL CELL SYSTEM AND ITS CONTROL METHOD
US2010104912	JP20070025190 20070205; JP20070186674 20070718; WO2008IB00242 20080205	TOYOTA MOTOR CO LTD [JP]	H01M8/10	FUEL CELL AND VEHICLE HAVING FUEL CELL
US2010098980	JP20070034048 20070214; WO2008JP52481 20080207	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
EP2176909	WO2008JP64608 20080808; JP20070208458 20070809	TOYOTA MOTOR CO LTD [JP]	H01M4/86; B01J23/28; B01J23/46; B01J23/88; H01M4/90; H01M4/92; H01M8/10	FUEL CELL ELECTRODE CATALYST, METHOD FOR EVALUATING PERFORMANCE OF OXYGEN-REDUCING CATALYST, AND SOLID POLYMER FUEL CELL COMPRISING THE FUEL CELL ELECTRODE CATALYST

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EP2176914	WO2008JP64607 20080808; JP20070208411 20070809	TOYOTA MOTOR CO LTD [JP]	H01M8/10; B01J23/28; B01J23/46; B01J23/88; H01M4/86; H01M4/90; H01M4/92	FUEL CELL ELECTRODE CATALYST, METHOD FOR EVALUATING PERFORMANCE OF OXYGEN-REDUCING CATALYST, AND SOLID POLYMER FUEL CELL COMPRISING THE FUEL CELL ELECTRODE CATALYST
EP2178141	WO2008JP62777 20080709; JP20070182730 20070712	TOYOTA MOTOR CO LTD [JP]	H01M4/90; B01J27/045; B01J35/08; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, AND SOLID POLYMER FUEL CELL USING THE ELECTRODE CATALYST
US2010092826	JP20070029598 20070208; JP20070322402 20071213; WO2008IB00269 20080207	TOYOTA MOTOR CO LTD [JP]	H01M8/10; H01M8/08	FUEL CELL AND FUEL CELL SYSTEM
DE10362101	JP20020298438 20021011; DE20031047457 20031013	TOYOTA MOTOR CO LTD [JP]	C08L27/12; H01M8/02; C08F8/40; C08F14/18; C08K5/5317; C08L43/02; C25B13/08; H01B1/06; H01M4/86; H01M8/10	ELEKTRODE UND BRENNSTOFFZELLE MIT LANGER STANDZEIT
BRPI0610306	JP20050153169 20050525; WO2006JP310435 20060525	TOYOTA MOTOR CO LTD [JP]	H01M8/04	SISTEMA DE CÚLULA DE COMBUSTÍVEL
DE112008001997T	JP20070196457 20070727;	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	BRENNSTOFFZELLENSYSTEM UND STEUERUNGSVERFAHREN FÜR DASSELBE

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	WO2008JP63083 20080714			
DE112008001974T	JP20070193654 20070725; WO2008JP62842 20080716	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	DEMONTAGEVERFAHREN FÜR EINE MEMBRAN-ELEKTRODEN-ANORDNUNG FÜR EINE BRENNSTOFFZELLE UND DEMONTAGEVERFAHREN FÜR EINE BRENNSTOFFZELLE
DE112004003059	JP20030379094 20031107	TOYOTA MOTOR CO LTD [JP]	B01F3/02; B01F5/00; B01F5/04; B01F5/06; H01M8/04; H01M8/10	GASBEHANDLUNGSVORRICHTUNG
KR20100049679	JP20070257735 20071001	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G05D7/00; H01M8/10	FUEL CELL SYSTEM
DE112008001801T	JP20070157039 20070614; WO2008IB01521 20080613	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/04	BRENNSTOFFZELLE MIT ANODE OHNE AUSGANG
KR20100065208	JP20070337835 20071227	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; G01R31/36; H01M8/10	FUEL CELL SYSTEM
KR20100061861	JP20070301232 20071121	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; G01R31/36; H01M8/10	FUEL CELL SYSTEM
KR20100066579	JP20070291160 20071108	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; H01M8/10	FUEL CELL SYSTEM AND HYDROGEN LEAK JUDGMENT METHOD IN THE SYSTEM
KR20100061757	JP20070333092 20071225	TOYOTA MOTOR CO LTD [JP]	H01M8/04; G01R31/36; G05D7/00;	FUEL CELL SYSTEM

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			H01M8/10	
KR20100060021	JP20070280105 20071029	TOYOTA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; G01R31/36; H01M10/44	FUEL CELL SYSTEM
EP2192647	WO2008JP70488 20081111; JP20070301875 20071121	TOYOTA MOTOR CO LTD [JP]	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM
US2010159340	JP20060002739 20060110; WO2007IB00024 20070105	TOYOTA MOTOR CO LTD [JP]	H01M8/24; H01M8/04	FUEL CELL STACK WITH STOICHIOMETRY DETERMINATION IN INDIVIDUAL CELLS
US2010151360	US20100710755 20100223; JP20010010538 20010118; JP20010181092 20010615; US20070980407 20071031; US20020050866 20020118	TOYOTA MOTOR CO LTD [JP]	H01M8/00; H01M8/04; B60L11/18	ONBOARD FUEL CELL SYSTEM AND METHOD OF DISCHARGING HYDROGEN-OFF GAS
EP2196370	WO2008JP64686 20080818; JP20070231608 20070906	TOYOTA MOTOR CO LTD [JP]	B60W10/00; B60K6/22; B60K6/40; B60K6/445; B60K35/00; B60L11/14; B60R16/02; B60W10/26; B60W10/28; B60W20/00;	HYBRID VEHICLE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			H01M8/00; H01M10/44; H01M10/48	
DE112008002146T	JP20070209062 20070810; JP20070315737 20071206; WO2008JP64502 20080806	TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	ZELLE F ³ R BRENNSTOFFZELLE, UND BRENNSTOFFZELLE
DE112008002029T	JP20070201241 20070801; WO2008IB02012 20080731	TOYOTA MOTOR CO LTD [JP]	H01M8/04	ABGASZUSTANDS-STEUERVORRICHTUNG F ³ R EINE BRENNSTOFFZELLE EINER MOBILEN EINHEIT
US2010136440	JP20070175968 20070704; WO2008JP62249 20080630	TOYOTA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL APPARATUS AND FUEL CELL SYSTEM
DE112008001995T	JP20070196451 20070727; WO2008JP62879 20080710	TOYOTA MOTOR CO LTD [JP]	C23C22/00; C25D5/34; C25D9/00; C25D11/02; C25F1/00; H01M8/02	VERFAHREN DER OBERFLÖCHENBEHANDLUNG EINES METALLISCHEN AUSGANGSMATERIALS
DE112005000257	JP20040042957 20040219; WO2005JP03079 20050218	TOYOTA MOTOR CO LTD [JP]	B05D1/04; B05B5/057; B05B5/14; B05C19/00; B05D1/26; B05D1/28; H01M4/88; H01M8/02; H01M8/10	VERFAHREN UND VORRICHTUNG ZUR AUSBILDUNG EINER KATALYSATORSCHICHT AUF EINEM SUBSTRAT, WELCHES EINE MEMBRAN-ELEKTRODENANORDNUNG BILDET
WO2010010699	JP20080192310	TOYOTA MOTOR CO LTD [JP];	H01M8/04;	FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL

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	20080725	AISIN SEIKI [JP]; MASUI TAKATOSHI [JP]	H01M8/06; H01M8/10	METHOD
WO2010007918	JP20080184595 20080716	TOYOTA MOTOR CO LTD [JP]; AISIN TAKAOKA LTD [JP]; MAEDA KUROUDO [JP]; AOYAMA NAOTAKA [JP]; MIZUNO MASAHIRO [JP]	H01M8/02	FUEL CELL SEPARATOR AND FUEL CELL
WO2010032099	JP20080241090 20080919	TOYOTA MOTOR CO LTD [JP]; AKITA YASUHIRO [JP]	H01M8/02; H01M8/10	MANUFACTURE METHOD FOR POLYMER ELECTROLYTE FUEL, AND POLYMER ELECTROLYTE FUEL CELL MANUFACTURED BY THE METHOD
WO2010020861	JP20080212250 20080820	TOYOTA MOTOR CO LTD [JP]; ARAKI YASUSHI [JP]	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL STATUS DETECTION METHOD
WO2010049788	JP20080277213 20081028	TOYOTA MOTOR CO LTD [JP]; ARAKI YASUSHI [JP]	H01M8/04; G01R31/36	FUEL CELL SYSTEM AND FUEL CELL STATE DETECTION METHOD
CN101682041	WO2008JP61073 20080611; JP20070154060 20070611; JP20070314492 20071205	TOYOTA MOTOR CO LTD [JP]; CATALER CORP	H01M4/90; B01J23/46; B01J23/75; H01M4/92; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, METHOD FOR PRODUCING THE SAME, AND FUEL CELL USING THE ELECTRODE CATALYST
EP2166604	WO2008JP61937 20080625; JP20070169983 20070628	TOYOTA MOTOR CO LTD [JP]; CATALER CORP [JP]	H01M4/96; B01J23/42; H01M4/88; H01M4/90; H01M8/10	ELECTRODE CATALYST SUBSTRATE, METHOD FOR PRODUCING THE SAME, AND SOLID POLYMER FUEL CELL
WO2010004813	JP20080179210 20080709	TOYOTA MOTOR CO LTD [JP]; EMORI SAKUMA [JP]; SHINOHE DAIKI [JP]	F17C1/16; B29C70/16; F17C1/06; H01M8/04	GAS TANK AND PROCESS FOR PRODUCING GAS TANK
WO2010013353	WO2008JP63935 20080729	TOYOTA MOTOR CO LTD [JP]; HELMHOLTZ ZENTRUM BERLIN FUER [DE]; IWATA NAOKO [JP]; TAKAHASHI	H01M4/86; H01M4/88; H01M4/90; H01M4/92;	METHOD FOR PREPARING FUEL CELL ELECTRODE CATALYST AND SOLID POLYMER FUEL CELL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
		HIROAKI [JP]; BOGDANOFF PETER [DE]; FIECHTER SEBASTIAN [DE]; HERRMANN IRIS [DE]; KOSLOWSKI ULRIKE [DE]	H01M8/10	
WO2010010440	JP20080188998 20080722	TOYOTA MOTOR CO LTD [JP]; HORI YOSHIHIRO [JP]; ENDO YOSHITO [JP]	H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, METHOD OF PRODUCING THE ASSEMBLY, AND SOLID POLYMER-TYPE FUEL CELL EMPLOYING THE SAME
WO2010044436	JP20080269094 20081017	TOYOTA MOTOR CO LTD [JP]; JAPAN GORE TEX INC [JP]; AKITA YASUHIRO [JP]; AIMU MASANORI [JP]; KAWAHARA TATSUYA [JP]; NAGASAWA TAKESHI [JP]; MATSUURA TOYOHIRO [JP]; SUZUKI TAKEYUKI [JP]; KATO HIROSHI [JP]; YAMADA HIDEKI [JP]	H01M8/02; C08J5/22; H01B1/06; H01M8/10	REINFORCED ELECTROLYTE MEMBRANE FOR FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND SOLID POLYMER FUEL CELL COMPRISING SAME
WO2010067453	WO2008JP72634 20081212	TOYOTA MOTOR CO LTD [JP]; JOMORI SHINJI [JP]; TAKEHIRO NAOKI [JP]; ARAI TATSUYA [JP]; KANEKO KEIICHI [JP]; TANIGUCHI TAKUMI [JP]	H01M8/02; H01M8/10	FUEL CELL
WO2010067452	WO2008JP72633 20081212	TOYOTA MOTOR CO LTD [JP]; JOMORI SHINJI [JP]; TAKEHIRO NAOKI [JP]; ARAI TATSUYA [JP]; KANEKO KEIICHI [JP]; TANIGUCHI TAKUMI [JP]	H01M8/02; H01M8/10	FUEL CELL
WO2010001702	JP20080170418 20080630	TOYOTA MOTOR CO LTD [JP]; KANAZU NARUTO [JP]	H01M8/04; C01B3/38; H01M8/06	FUEL BATTERY SYSTEM

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WO2010004688	JP20080181171 20080711	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	H01M8/04	FUEL CELL SYSTEM
WO2010047251	JP20080272141 20081022	TOYOTA MOTOR CO LTD [JP]; KATAYAMA YUKIHISA [JP]	C08G85/00; C08G61/12; C08G75/23; H01B1/06; H01B13/00; H01M8/02; H01M8/10	POLYMER ELECTROLYTE SYNTHESIS METHOD, POLYMER ELECTROLYTE MEMBRANE, AND SOLID POLYMER FUEL CELL
WO2010035113	JP20080245375 20080925	TOYOTA MOTOR CO LTD [JP]; KATO MANABU [JP]	H01M8/04	FUEL CELL SYSTEM AND METHOD OF DETECTING ABNORMALITY OF FUEL CELL SYSTEM
WO2010015916	JP20080203119 20080806	TOYOTA MOTOR CO LTD [JP]; KYOCERA CORP [JP]; IZAWA YASUHIRO [JP]; ITO NAOKI [JP]	H01M8/00; H01M8/04; H01M8/12	FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE FUEL CELL SYSTEM
WO2010052822	JP20080284350 20081105	TOYOTA MOTOR CO LTD [JP]; MANABE KOTA [JP]	H01M8/04; H01M8/00; H01M8/10; H02J7/00; H02J7/34	FUEL BATTERY SYSTEM
WO2010032332	WO2008JP67121 20080922	TOYOTA MOTOR CO LTD [JP]; NAGAOSA HIDEO [JP]; MATSUMOTO SHINICHI [JP]; NAKANISHI HARUYUKI [JP]; ARIKAWA HIDEKAZU [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM
WO2010044170	WO2008JP68886 20081017	TOYOTA MOTOR CO LTD [JP]; NAKANISHI HARUYUKI [JP]; ARIKAWA HIDEKAZU [JP]; UCHISASAI KAZUYA [JP]	H01M8/04; H01M8/06; H01M8/10	FUEL BATTERY SYSTEM
CA2698823	JP20070239907 20070914; JP20080233905 20080911;	TOYOTA MOTOR CO LTD [JP]; NAT UNIVERSITY CORP KOCHI UNIV [JP]	B01J27/045; B01J27/049; B01J35/02; B01J37/10;	FINE-PARTICLE COMPOSITE, PROCESS FOR PRODUCING THE FINE-PARTICLE COMPOSITE, CATALYST FOR SOLID POLYMER ELECTROLYTE FUEL CELL, AND SOLID POLYMER ELECTROLYTE FUEL CELL

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	WO2008JP66937 20080912		C01G39/06; C01G47/00; C01G55/00; H01M4/88; H01M4/90; H01M4/96; H01M8/10	
EP2158285	WO2008JP61687 20080620; JP20070163407 20070621	TOYOTA MOTOR CO LTD [JP]; SHINETSU CHEMICAL CO [JP]	C09J183/04; C09J183/07; H01M8/00	ADHESIVE SILICONE RUBBER COMPOSITION AND SEPARATOR SEAL MATERIAL FOR FUEL CELLS
WO2010070881	JP20080320716 20081217	TOYOTA MOTOR CO LTD [JP]; SUEMATU KEIGO [JP]; ISHIKAWA TOMOTAKA [JP]; KATSUDA HIROYUKI [JP]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING VALVE OPENING OPERATION WHEN THE FUEL CELL SYSTEM IS ACTIVATED
WO2010047254	JP20080273943 20081024	TOYOTA MOTOR CO LTD [JP]; SUGAWARA MASAYUKI [JP]; HASE KOHEI [JP]; MIZUTANI NOBUAKI [JP]	H01M4/88; B01J23/89; B01J37/16; H01M4/90	METHOD FOR PRODUCING ELECTRODE CATALYST FOR FUEL CELL, AND ELECTRODE CATALYST FOR FUEL CELL
WO2010010763	JP20080190211 20080723	TOYOTA MOTOR CO LTD [JP]; TAKESHITA SHINYA [JP]; SUZUKI HIROSHI [JP]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE, METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE, AND SOLID POLYMER FUEL CELL
US2010047648	JP20050314300 20051028; WO2006IB02991 20061025	TOYOTA MOTOR CO LTD [JP]; TOYO KOHAN CO LTD [JP]	H01M8/10; B01D53/22; B23K31/02; H01M8/04	HYDROGEN SEPARATION MEMBRANE WITH A CARRIER, FUEL CELL AND HYDROGEN SEPARATION APPARATUS HAVING SAME, AND METHOD OF MANUFACTURING SAME
DE112008000567T	JP20070056808 20070307; WO2008JP54003 20080228	TOYOTA MOTOR CO LTD [JP]; TOYOTA AUTO BODY CO LTD [JP]	H01M8/02; H01M8/10	POLYMERELEKTROLYTBRENNSTOFFZELLE
WO2010004398	JP20080181837 20080711	TOYOTA MOTOR CO LTD [JP]; UCHIDA YOZO [JP]; TERANISHI TADASHI [JP]	H01M4/04; H01M4/02; H01M4/58;	BATTERY-DEDICATED ELECTRODE FOIL, POSITIVE ELECTRODE PLATE, BATTERY, VEHICLE, AND BATTERY- EQUIPPED APPLIANCE, AND MANUFACTURE METHOD

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			H01M8/02; H01M8/10	FOR THE BATTERY-DEDICATED ELECTRODE FOIL, AND MANUFACTURE METHOD OF THE POSITIVE ELECTRODE PLATE
WO2010041332	WO2008JP68447 20081010	TOYOTA MOTOR CO LTD [JP]; UTC POWER CORP [US]; KIMURA HIROKO [JP]; TAKEHIRO NAOKI [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2010015759	JP20080173309 20080702	TOYOTA MOTOR CORP	H01M4/88; H01M4/86; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING SOLID POLYMER FUEL CELL AND FUEL CELL
JP2010015734	JP20080172911 20080702	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010015733	JP20080172909 20080702	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM AND COMPRESSED AIR SUPPLY DEVICE
JP2010015725	JP20080172678 20080701	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL SEPARATOR
JP2010015710	JP20080172248 20080701	TOYOTA MOTOR CORP	H01M8/04; B60L3/00; B60L11/18; H01M8/00	CONDUCTIVITY REDUCTION DEVICE OF COOLING LIQUID FOR FUEL CELL, AND FUEL CELL SYSTEM
JP2010021115	JP20080183041 20080714	TOYOTA MOTOR CORP	H01M8/04; H01M8/10	GAS CONCENTRATION ESTIMATING DEVICE, AND FUEL CELL SYSTEM
JP2010021071	JP20080181708 20080711	TOYOTA MOTOR CORP	H01M4/86; H01M8/02; H01M8/10	FUEL CELL AND ITS MEMBRANE ELECTRODE ASSEMBLY
JP2010021057	JP20080181334 20080711	TOYOTA MOTOR CORP	H01M8/02	FUEL CELL
JP2010021056	JP20080181323 20080711	TOYOTA MOTOR CORP	H01M4/96; H01M4/86; H01M8/02	FUEL CELL AND METHOD FOR MANUFACTURING SAME
JP2010021053	JP20080181250 20080711	TOYOTA MOTOR CORP	H01M4/96; H01M4/86;	FUEL CELL SYSTEM

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			H01M8/04; H01M8/10	
JP2010021047	JP20080181175 20080711	TOYOTA MOTOR CORP	H01M8/02	FUEL CELL
JP2010021025	JP20080180582 20080710	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL
JP2010021005	JP20080180020 20080710	TOYOTA MOTOR CORP	H01M8/04	FUEL-CELL COOLING METHOD AND FUEL-CELL SYSTEM
JP2010019668	JP20080179942 20080710	TOYOTA MOTOR CORP	G01N3/32; H01M8/04; H01M8/10	STRENGTH DETERMINATION METHOD AND STRENGTH DETERMINATION DEVICE
JP2010020994	JP20080179861 20080710	TOYOTA MOTOR CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM MOUNTED ON VEHICLE, AND VEHICLE
JP2010020931	JP20080178113 20080708	TOYOTA MOTOR CORP	H01M8/04; H01M8/02	FUEL CELL SYSTEM
JP2010019089	JP20080178034 20080708	TOYOTA MOTOR CORP	F02M37/00; F02D41/02; F02D41/06; F02D45/00; H01M8/04	FUEL SUPPLY SYSTEM
JP2010020924	JP20080178033 20080708	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010020923	JP20080178032 20080708	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010020910	JP20080177679 20080708	TOYOTA MOTOR CORP	H01M8/04; B60L3/00; B60L11/18	HYDROGEN DETECTION DEVICE FOR VEHICLE
JP2010015939	JP20080177166 20080707	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL
JP2010014092	JP20080177159 20080707	TOYOTA MOTOR CORP	F04C29/04; F04B39/06; F04C18/18; F04C29/00;	PUMP DEVICE AND FUEL CELL SYSTEM

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			H01M8/04; H02K7/14; H02K9/06	
JP2010015899	JP20080176090 20080704	TOYOTA MOTOR CORP	H01M8/02; H01M8/04; H01M8/10	FUEL CELL
JP2010015889	JP20080175963 20080704	TOYOTA MOTOR CORP	H01M8/06; B60L3/00; B60L11/18; B60R1/00; H01M8/00; H01M8/04	METHOD OF EVALUATING FUEL CELL VEHICLE
JP2010015866	JP20080175568 20080704	TOYOTA MOTOR CORP	H01M8/04; B60L11/18; H01M8/00; H01M10/44	FUEL CELL SYSTEM, MOBILE UNIT, AND AUTOMOBILE
JP2010015865	JP20080175565 20080704	TOYOTA MOTOR CORP	H01M8/02	METHOD OF MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL
JP2010015832	JP20080174990 20080703	TOYOTA MOTOR CORP	H01M4/96; H01M8/10	GAS DIFFUSION LAYER FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME
JP2010015805	JP20080174226 20080703	TOYOTA MOTOR CORP	H01M8/02; H01M8/04; H01M8/10	FUEL CELL
JP2010015803	JP20080174185 20080703	TOYOTA MOTOR CORP	H01M4/88; H01M8/10	METHOD OF MANUFACTURING FUEL CELL CATALYST LAYER
JP2010001015	JP20030301311 20030826; JP20030366502 20031027; JP20090163587 20090710	TOYOTA MOTOR CORP	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04; H01M8/06	MOVING BODY

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JP2010010069	JP20080170702 20080630	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL
JP2010010049	JP20080170415 20080630	TOYOTA MOTOR CORP	H01M8/04; H01M8/24	DETECTOR AND FUEL CELL UNIT
JP2010007016	JP20080170407 20080630	TOYOTA MOTOR CORP	C08J5/18; C08J5/22; H01B13/00; H01M8/02	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE
JP2010010036	JP20080170213 20080630	TOYOTA MOTOR CORP	H01M8/02; C08J5/22; H01M8/10	FILM-ELECTRODE ASSEMBLY MANUFACTURING METHOD
JP2010006257	JP20080168655 20080627	TOYOTA MOTOR CORP	B60K1/04; B60K8/00; B60K15/03; H01M8/04	MOVING BODY
JP2010009896	JP20080166690 20080626	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM
JP2010009895	JP20080166688 20080626	TOYOTA MOTOR CORP	H01M8/24; H01M8/02; H01M8/04	SINGLE-CHAMBER FUEL CELL
JP2010009823	JP20080165660 20080625	TOYOTA MOTOR CORP	H01M8/02; H01M4/86	FUEL CELL COMPONENT AND METHOD OF MANUFACTURING THE SAME
JP2010009808	JP20080165302 20080625	TOYOTA MOTOR CORP	H01M8/00; H01M8/04; H01M8/06; H01M8/10	FUEL BATTERY SYSTEM
JP2010009780	JP20080164764 20080624	TOYOTA MOTOR CORP	H01M4/86; H01M8/02; H01M8/10	FUEL CELL
JP2010009759	JP20080164185 20080624	TOYOTA MOTOR CORP	H01M8/04; G01N17/00	FILM EVALUATION METHOD, AND FILM EVALUATION AUXILIARY DEVICE
JP2010003637	JP20080163443 20080623	TOYOTA MOTOR CORP	H01M8/04; H01M8/06	FUEL CELL SYSTEM

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JP2010003636	JP20080163442 20080623	TOYOTA MOTOR CORP	H01M8/24	FUEL CELL SYSTEM
JP2010003624	JP20080163243 20080623	TOYOTA MOTOR CORP	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM
JP2010003607	JP20080162889 20080623	TOYOTA MOTOR CORP	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2010003576	JP20080162258 20080620	TOYOTA MOTOR CORP	H01M4/90; B01J27/049; B01J37/08; B01J37/16; H01M4/88; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, ITS MANUFACTURING METHOD, AND FUEL CELL USING THE SAME
JP2010003568	JP20080162116 20080620	TOYOTA MOTOR CORP	H01M8/06; H01M8/12; H01M8/24	RECHARGEABLE DIRECT CARBON FUEL CELL
JP2010003549	JP20080161568 20080620	TOYOTA MOTOR CORP	H01M4/90; B01J27/045; B01J27/057; H01M4/88	ELECTRODE CATALYST FOR FUEL CELL, ITS MANUFACTURING METHOD, AND FUEL CELL USING THE SAME
JP2010003534	JP20080161234 20080620	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL
JP2010003533	JP20080161197 20080620	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM AND FUEL CELL
JP2010003498	JP20080160244 20080619	TOYOTA MOTOR CORP	H01M8/04	FUEL CELL SYSTEM AND ITS CONTROL METHOD
JP2010003490	JP20080160087 20080619	TOYOTA MOTOR CORP	H01M4/90; H01M4/92; H01M8/04	MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL AND FUEL CELL SYSTEM USING THE SAME
JP2010003486	JP20080160047 20080619	TOYOTA MOTOR CORP	H01M8/04; H01M8/02	FUEL CELL SYSTEM
JP2010003470	JP20080159838 20080619	TOYOTA MOTOR CORP	H01M8/02; H01M8/10	FUEL CELL

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JP2010003427	JP20080158727 20080618	TOYOTA MOTOR CORP	H01M8/04; H01M8/10	FUEL BATTERY SYSTEM
JP2010014302	JP20080173061 20080702	TOYOTA MOTOR CORP; AISIN SEIKI	F23N5/00; G01N27/41; H01M8/04; H01M8/06	IGNITION/MISFIRE DETECTING DEVICE AND METHOD
JP2010009961	JP20080168674 20080627	TOYOTA MOTOR CORP; NIPPON CHEMICAL IND	H01M8/04	FUEL CELL COOLING LIQUID COMPOSITION
JP2010021000	JP20080179973 20080710	TOYOTA MOTOR CORP; NIPPON SOKEN	H01M8/04; H01M8/00	DRY-UP RECOVERY DEVICE OF FUEL CELL, AND FUEL CELL SYSTEM
JP2010009822	JP20080165636 20080625	TOYOTA MOTOR CORP; NIPPON SOKEN	H01M8/04	FUEL CELL SYSTEM
JP2010021072	JP20080181737 20080711	TOYOTA MOTOR CORP; TOYOTA CENTRAL RES & DEV	H01M8/04; H01M8/10	LOWER LIMIT VOLTAGE SETTING METHOD OF FUEL CELL, UPPER LIMIT VOLTAGE SETTING METHOD OF FUEL CELL, AND FUEL CELL SYSTEM
JP2010009811	JP20080165464 20080625	TOYOTA MOTOR CORP; TOYOTA CENTRAL RES & DEV	H01M4/88; H01M4/86; H01M8/02	CATALYST FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY, AND METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
EP2181473	WO2008US71162 20080725; US20070951907P 20070725; US20080179578 20080724	TRULITE INC [US]	H01M8/00	APPARATUS, SYSTEM, AND METHOD FOR PROCESSING HYDROGEN GAS
EP2181477	WO2008US71181 20080725; US20070951925P 20070725	TRULITE INC [US]	H01M8/18	APPARATUS, SYSTEM, AND METHOD TO MANAGE THE GENERATION AND USE OF HYBRID ELECTRIC POWER
CN101636866	WO2007EP04686 20070525	TRUMA GERAETETECHNIK GMBH & CO [DE]	H01M8/02	FUEL CELL SYSTEM OPERATED WITH LIQUID GAS
EP2200114	EP20080022191 20081219	TRUMA GERAETETECHNIK GMBH & CO [DE]	H01M8/10; H01M8/06	REFORMER FUEL CELL SYSTEM
WO2010054647	DE200810057253	TRUMPF	H01M8/02;	FUEL CELL WITHOUT BIPOLAR PLATES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20081113; DE200910015619 20090402	WERKZEUGMASCHINEN GMBH [DE]; BRUENE BERNHARD [DE]	H01M8/10; H01M8/24	
AT454721T	US20000247444P 20001109; US20010269525P 20010219; US20010308313P 20010727; WO2001US51149 20011109	TRUSTEES OF THE UNIVERSITY OF [US]	H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/04; H01M8/06; H01M8/10; H01M8/12; H01M8/18	VERWENDUNG VON SCHWEFELHALTIGEN BRENNSTOFFEN FÜR DIREKTOXIDATIONSBRENNSTOFFZELLEN
US2010136461	JP20070117203 20070426; WO2008JP57052 20080403	TSUJIKO AKIRA [JP]; TAKAHATA KOJI [JP]; HARADA HIRONORI [JP]; KAWAI HIDEYASU [JP]; YAMAMURA HIDEYUKI [JP]	H01M8/00; H01M6/00; H02B1/01	POWER STORAGE DEVICE
WO2010020950	TR20080006202 20080819	TUBITAK SCIENT AND TECHONOLOGI [TR]; BOYACI SAN FATMA GUL [TR]	H01M8/24; H01M8/02; H01M8/04; H01M8/10; H01M8/22	A METHOD FOR PRODUCING AND INTEGRATION OF DIRECT SODIUM BOROHYDRIDE FUEL CELL
EP2147947	EP20020788687 20021129; JP20010364298 20011129; JP20020004683 20020111; JP20020060407 20020306; JP20020116550 20020418; JP20020130568	UBE INDUSTRIES [JP]	C08G65/48; C08J5/22; C08L71/00; C08L71/10; C08L81/06; H01B1/12; H01M8/02; H01M8/10; H01M10/052; H01M10/0565; H01M10/36	PROCESS FOR PREPARING AN AROMATIC POLYETHER SULFONE BLOCKCOPOLYMER

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	20020502			
US2010112415	US20090617580 20091112; JP20030195428 20030711; JP20030195429 20030711; US20050561519 20051220; WO2004JP09801 20040709	UBE INDUSTRIES [JP]	H01M8/08; C07D233/58; H01B1/12; H01G9/02; H01G9/038; H01M2/16; H01M6/04; H01M8/02; H01M8/10; H01M10/0564; H01M10/0565; H01M10/0566	ACID-BASE MIXTURE AND ION CONDUCTOR COMPRISING THE SAME
US2010064508	US20090616186 20091111; US20060406097 20060418; US20050677421P 20050503	UCHICAGO ARGONNE LLC [US]	H01M8/10	METHOD OF SEALING A BIPOLAR PLATE SUPPORTED SOLID OXIDE FUEL CELL WITH A SEALED ANODE COMPARTMENT
US2010062307	JP20080230868 20080909	UEDA HIDEYUKI [JP]; AKIYAMA TAKASHI [JP]; MATSUDA HIROAKI [JP]	H01M8/10	DIRECT OXIDATION FUEL CELL
US2010119902	JP20060174185 20060623; WO2007JP62617 20070622	UEMATSU HIDEKI [JP]; SHIBATA MASAHIRO [JP]; SUMI HIROSHI [JP]; ISHIKAWA HIROYA [JP]	H01M8/12; H01M8/10; H01M8/24	SOLID ELECTROLYTE FUEL CELL STACK
EP2165382	WO2008GB01118 20080331; GB20070009810 20070522	UGCS UNIVERSITY OF GLAMORGAN C [GB]	H01M8/16	A BIOLOGICAL FUEL CELL
EP2174377	WO2008GB02285 20080702; GB20070012868	UGCS UNIVERSITY OF GLAMORGAN C [GB]	H01M8/16; H01M8/00; H01M8/04;	A BIOLOGICAL FUEL CELL

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	20070703		H01M8/22	
AT452114T	DE200510005464 20050204; WO2006EP00546 20060123	UHDE GMBH [DE]; BORSIG PROCESS HEAT EXCHANGER [DE]	C04B38/00; B01D53/32; H01M8/02	VERB?NDE KERAMISCHER HOHLFASERN, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN VERWENDUNG
US2010047634	US20080347626 20081231; US20080019919P 20080109	ULTRACELL CORP [US]	H01M8/18	PORTABLE REFORMED FUEL CELL SYSTEMS WITH WATER RECOVERY
US2010159341	JP20060161488 20060609; WO2007JP61394 20070529	UMAYAHARA KENJI [JP]	H01M8/04	FUEL CELL SYSTEM
US2010092819	JP20070026092 20070205; WO2008JP51997 20080131	UMAYAHARA KENJI [JP]; MATSUMOTO TADAICHI [JP]; IGARASHI FUSAKI [JP]; YOSHIDA MICHIO [JP]; MANABE KOTA [JP]	H01M8/04	FUEL CELL SYSTEM
US2010055521	JP20070026086 20070205; JP20070333012 20071225; WO2008JP51988 20080131	UMAYAHARA KENJI [JP]; YOSHIDA MICHIO [JP]; MATSUMOTO TADAICHI [JP]; TANIYAMA MOTOHIKO [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
DK1701790T	DE20031050563 20031029; WO2004EP12290 20041029	UMICORE AG & CO KG [DE]	B01J23/46; C02F1/461; C25B1/10; C25B9/10; C25B11/04; H01M4/88; H01M4/90; H01M4/92; H01M8/18	?DEMETALOXIDKATALYSATOR TIL VANDELEKTROLYSE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
AT465525T	EP20040015457 20040701; WO2005EP06974 20050629	UMICORE AG & CO KG [DE]	H01M8/10; C25B9/10	LAMINIERUNGSPROZESS ZUR HERSTELLUNG VON INTEGRIERTEN MEMBRAN-ELEKTRODEN-BAUGRUPPEN
US2010015491	WO2005US29417 20050817	UNITED TECHNOLOGIES CORP [US]	H01M8/10	SOLID OXIDE FUEL CELL STACK FOR PORTABLE POWER GENERATION
FR2933087	FR20080054233 20080625	UNITHER DEV [FR]	C01B3/08; H01M8/06	SUSPENSION COLLOIDALE GENERATRICE D'HYDROGENE.
US2010143820	US20080597808 20080430; US20070914918P 20070430; WO2008CA00804 20080430	UNIV ALBERTA [CA]	H01M4/90; H01M4/88; H01M8/10	ANODE CATALYST AND METHODS OF MAKING AND USING THE SAME
US2010119883	US20070962803 20071221; US20060871145P 20061221	UNIV ARIZONA [US]	H01M8/00; H01M2/00	FUEL CELL WITH TRANSPORT FLOW ACROSS GAP
US2010112391	US20090609614 20091030; US20080193157P 20081031	UNIV ARIZONA [US]	H01M8/04; H01M2/00; H01M8/00	COUNTER-FLOW MEMBRANELESS FUEL CELL
WO2010045072	US20080106225P 20081017	UNIV ARIZONA [US]; RITTMANN BRUCE [US]; LEE HYUNG-SOOL [US]; TORRES CESAR I [US]	H01M8/16; H01M8/02	MICROBIAL ELECTROLYTIC CELL
WO2010008836	US20080074852P 20080623	UNIV ARIZONA STATE [US]; RITTMANN BRUCE E [US]; TORRES CESAR I; LEE HYUNG-SOOL	H01M8/16; H01M8/02; H01M8/04	BICARBONATE AND CARBONATE AS HYDROXIDE CARRIERS IN A BIOLOGICAL FUEL CELL
CN101673836	CN20091093468 20090929	UNIV BEIHANG	H01M8/16; H01M2/14; H01M4/86	MICROBIAL FUEL CELL FOR SUPPLYING POWER TO IMPLANTABLE MEDICAL DEVICE

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KR20100066471	US20070963042P 20070802	UNIV BOSTON [US]	H01M8/12; B05D5/12; C01G3/02; H01M8/04	PROTECTIVE OXIDE COATINGS FOR SOFC INTERCONNECTIONS
US2010151356	US20080600340 20080514; US20070917866P 20070514; WO2008US06155 20080514	UNIV BRIGHAM YOUNG [US]	H01M8/22; C01B3/02	FUEL CELL AND METHOD FOR GENERATING ELECTRIC POWER
US2010150826	US20060063375 20060809; US20050706913P 20050809; WO2006CA01300 20060809	UNIV BRITISH COLUMBIA [CA]	C01B3/08; B22F1/00; B22F9/04; B22F9/16; B32B5/18; H01M8/06	MICROPOROUS METALS AND METHODS FOR HYDROGEN GENERATION FROM WATER SPLIT REACTION
WO2010043038	US20080136925P 20081015	UNIV BRITISH COLUMBIA [CA]; CANADA NAT RES COUNCIL [CA]; WILKINSON DAVID P [CA]; LAM ALFRED [CA]	H01M8/04; H01M8/02	APPARATUS AND METHOD FOR CONTROLLING VARIABLE POWER CONDITIONS IN A FUEL CELL
US2010092842	US20080526490 20080208; US20070889209P 20070209; WO2008CA00272 20080208	UNIV BRITISH COLUMBIA [CA]; NORTHWEST METTECH CORP [CA]	H01M8/08; B05D1/08	DENSIFIED CERAMIC MATERIALS AND RELATED METHODS
US2010143824	US20080664646 20080415; US20070962054P 20070725; WO2008US60362 20080415	UNIV CALIFORNIA [US]	H01M8/12; H01M8/00	INTERLOCKING STRUCTURE FOR HIGH TEMPERATURE ELECTROCHEMICAL DEVICE AND METHOD FOR MAKING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
WO2010030300	US20080096177P 20080911	UNIV CALIFORNIA [US]; TUCKER MICHAEL C [US]; JACOBSON CRAIG P [US]; VISCO STEVEN J [US]	H01M8/02; H01M8/12	METAL-SUPPORTED, SEGMENTED-IN-SERIES HIGH TEMPERATURE ELECTROCHEMICAL DEVICE
DE112008001421T	US20070770249 20070628; WO2008US61752 20080428	UNIV CASE WESTERN RESERVE [US]; TOYOTA ENG & MFG NORTH AMERICA [US]	C08J5/22; C08G65/40; H01B1/06; H01M8/02; H01M8/10	PROTONEN-AUSTAUSCHMEMBRAN FÜR EINE BRENNSTOFFZELLE
CN101651220	CN20091157588 20090715	UNIV CENTRAL SOUTH	H01M8/18	HIGH-TIGHTNESS FLOW BATTERY
US2010112380	US20090557666 20090911; US20080096058P 20080911	UNIV CONNECTICUT [US]	H01M8/16	ELECTRICITY GENERATION IN SINGLE-CHAMBER GRANULAR ACTIVATED CARBON MICROBIAL FUEL CELLS TREATING WASTEWATER
US2010015473	EP20060008678 20060426; WO2007EP03593 20070424	UNIV DENMARK TECH DTU [DK]	H01M8/02; B05D1/36; B05D3/14; B32B7/02; B32B9/00; C23C14/34; C23C16/40; C23C16/513; H01M6/42	MULTI-LAYER COATING
US2010062312	EP20060024338 20061123; WO2007EP10194 20071123	UNIV DENMARK TECH DTU [DK]	H01M8/10; B05D5/12; B32B37/00; H01M4/00	THIN SOLID OXIDE CELL
NO20100217	EP20070017097 20070831; WO2008EP07097 20080829	UNIV DENMARK TECH DTU [DK]	H01M4/86; H01M4/88; H01M8/12	FJERNING AV FORURENSEDE FASER FRA ELEKTROKJEMISKE ANORDNINGER
AT465526T	DK20050000159	UNIV DENMARK TECH DTU	H01M8/12;	VERFAHREN ZUR HERSTELLUNG EINER REVERSIBLEN

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20050202; WO2006EP00920 20060202	[DK]	H01M4/86; H01M4/88; H01M4/90; H01M8/02	FESTOXIDBRENNSTOFFZELLE
AT467244T	DK20000000394 20000310; WO2001DK00157 20010309	UNIV DENMARK TECH DTU [DK]	H01M8/02; H01M8/12; H01M8/24	HERSTELLUNGSVERFAHREN FÜR EINE FESTOXIDBRENNSTOFFZELLE
EP2183044	WO2008EP07098 20080829; EP20070017098 20070831; EP20080785756 20080829	UNIV DENMARK TECH DTU [DK]	B01D71/02; B01D53/32; C01B13/02; H01M8/12	CHEAP THIN FILM OXYGEN MEMBRANES
US2010112407	EP20070002107 20070131; WO2008EP00598 20080125	UNIV DENMARK TECH DTU [DK]	H01M8/10	COMPOSITE MATERIAL SUITABLE FOR USE AS AN ELECTRODE MATERIAL IN A SOC
CA2686846	DK20080001704 20081203	UNIV DENMARK TECH DTU [DK]	C25B11/00; H01M8/10	SOLID OXIDE CELL AND SOLID OXIDE CELL STACK
CN101682043	WO2007EP09805 20071113; EP20070000359 20070109	UNIV DENMARK TECH DTU [DK]; TOPSOE FUEL CELL AS [DK]	H01M8/02; H01M8/04; H01M8/24	A METHOD OF PRODUCING A MULTILAYER BARRIER STRUCTURE FOR A SOLID OXIDE FUEL CELL
EP2183807	WO2008EP05914 20080718; DE200710033753 20070719	UNIV DES SAARLANDES [DE]	H01M4/88; B01J35/00; C03C17/00; C03C17/06; C25D5/02; H01M4/04; H01M4/90; H01M4/92; H01M8/02	ULTRAHYDROPHOBIC SUBSTRATE PROVIDED ON ITS SURFACE WITH METALLIC NANOPARTICLES, METHOD OF PRODUCTION AND USE OF SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
WO2010045329	US20080105294P 20081014	UNIV FLORIDA [US]; WACHSMAN ERIC D [US]; YOON HEESUNG [US]; LEE KANG-TAEK [US]; CAMARATTA MATTHEW [US]; AHN JIN SOO [KR]	H01M8/12; H01M8/02	ADVANCED MATERIALS AND DESIGN FOR LOW TEMPERATURE SOFCS
US2010021776	US20070447695 20071101; US20060856409P 20061103; US20060856429P 20061103; WO2007US83328 20071101	UNIV FLORIDA STATE RES FOUND [US]	H01M8/10; B05D5/12; B32B9/04; C25D11/02; H01M4/90	COMPOSITES AND ELECTRODES FOR ELECTROCHEMICAL DEVICES AND PROCESSES FOR PRODUCING THE SAME
US2010143822	US20090505070 20090717; US20070670687 20070202; US20080081851P 20080718; US20060764504P 20060202	UNIV FLORIDA STATE RES FOUND [US]	H01M8/10	CARBON NANOTUBE AND NONOFIBER FILM-BASED MEMBRANE ELECTRODE ASSEMBLIES
EP2168196	WO2008EP58253 20080627; US20070947334P 20070629	UNIV GRENOBLE 1 [FR]	H01M8/10; B01D69/14; B01D71/06	BIOMIMETIC ARTIFICIAL MEMBRANE DEVICE
WO2010007949	JP20080184213 20080715; JP20080317575 20081212	UNIV HOKKAIDO NAT UNIV CORP [JP]; UEDA WATARU [JP]; TAKEGUCHI TATSUYA [JP]	H01M8/02; H01B1/08; H01M4/90; H01M4/92	FUEL CELL AND ELECTRICITY GENERATION METHOD USING THE SAME
WO2010014869	US20080085033P 20080731	UNIV ILLINOIS [US]; KARPOV EDUARD [US]	H01M8/02; H01L49/00; H01M8/04	NONEQUILIBRIUM CHEMOVOLTAIC FUEL CELL

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KR20100013146	KR20080074688 20080730	UNIV KOREA RES & BUS FOUND [KR]	C01B31/02; B01J35/10; H01M8/00	COLLOIDAL-IMPRINTED CARBON STRUCTURE, PREPARING METHOD THEREOF AND CI CARBON SUPPORTED CATALYSTS FOR ELECTRODES OF FUEL CELL USING THEREOF
KR20100011029	KR20080072071 20080724	UNIV KOREA RES & BUS FOUND [KR]	H01M4/90; H01M4/88; H01M8/10	HCMS CARBON-SUPPORTED ELECTRODE CATALYSTS IN PROTON EXCHANGE MEMBRANE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20100026524	KR20080085554 20080829	UNIV KOREA RES & BUS FOUND [KR]	H01M8/02; H01M4/86; H01M4/88	INORGANIC SUPPORTS
KR20100070823	KR20080129546 20081218	UNIV KOREA RES & BUS FOUND [KR]	C08K3/04; C08L101/00; H01M2/16; H01M8/02	COMPOSITION FOR BIPOLAR PLATE OF FUEL CELL, MANUFACTURING METHOD THEREOF, AND BIPOLAR PLATE AND FUEL CELL COMPRISING THE SAME
KR20100062167	KR20080120624 20081201	UNIV KOREA RES & BUS FOUND [KR]	H01M8/16; C12N11/14; H01M8/10	BUFFER COMPOSITIONS FOR CATHODE ELECTROLYTE OF ENZYMIC FUEL CELLS
KR20100033827	KR20080092873 20080922	UNIV KOREA RES & BUS FOUND [KR]; IND ACADEMIC COOP [KR]	H01M8/10; H01M8/04	FABRICATION METHOD OF SOLID ELECTROLYTE POWDER AND SOLID ELECTROLYTE USING THE SAME
KR20100033654	KR20080092623 20080922	UNIV KOREA RES & BUS FOUND [KR]; IND ACADEMIC COOP [KR]	H01M8/10; H01M8/04	FABRICATION METHOD OF ANODE MATERIAL FOR SOLID OXIDE FUEL CELL
KR20100051262	KR20080110327 20081107	UNIV KYUNG HEE UNIV IND COOP [KR]	H01M4/88; B01J23/42; B01J37/34; H01M8/04	METHOD FOR PREPARING ELECTRODE CATALYTIC LAYER OF DIRECT LIQUID FUEL CELL AND PREPARING DEVICE USING THE SAME
ES2341417	ES20080002298 20080729	UNIV LA LAGUNA [ES]	C04B38/06; A61L27/56; B01J35/04; B28B21/48; H01M8/02	MICROESTRUCTURA POROSA CON CANALES INTERCONECTADOS DE GEOMETRIA PERFECTAMENTE DEFINIDA Y DOTADA DE ESTABILIDAD MECANICA A ALTAS TEMPERATURAS.
US2010112406	US20070305288	UNIV MIAMI [US]	H01M8/10;	ULTRASONICALLY ENHANCED FUEL CELL SYSTEMS AND

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	20070621; US20060815268P 20060621; WO2007US14502 20070621		H01M2/00; H01M8/00	METHODS OF USE
US2010092809	US20090587645 20091009; US20080195772P 20081010	UNIV MICHIGAN STATE [US]	H01M8/00; B05D5/12; B32B5/00; H01M6/02; H01M10/00	ELECTRICALLY CONDUCTIVE, OPTICALLY TRANSPARENT FILMS OF EXFOLIATED GRAPHITE NANOPARTICLES AND METHODS OF MAKING THE SAME
CN101667651	CN20091070697 20090929	UNIV NANKAI	H01M8/16	COLUMN-SHAPED MICROBIAL FUEL CELL WITHOUT ION EXCHANGE MEMBRANE OR MEDIATOR
CN101667650	CN20091070695 20090929	UNIV NANKAI	H01M8/16	MICROBE FUEL CELL OF CATHODE INTERPOSED STRUCTURE
CN101667649	CN20091070694 20090929	UNIV NANKAI	H01M8/16	MICROBE FUEL CELL INOCULATION AND ACCLIMATION STARTING METHOD FOR ENERGIZING ORGANIC WASTE WATER
EP2151004	WO2008US62590 20080504; US20070916222P 20070504; US20070974766P 20070924	UNIV OHIO [US]	H01M8/18; H01M2/00	ELECTROCHEMICAL CELLS AND METHODS FOR GENERATING FUEL
WO2010049649	FR20080006051 20081030; FR20090055224 20090727	UNIV PARIS CURIE [FR]; BACKOV RENAL [FR]; SANCHEZ CLEMENT [FR]; JANOT RAPHAEL [FR]; BRUN NICOLAS [FR]	C04B38/04; C01B3/00; C01B6/24; C04B35/14; C04B35/622; C04B38/00; H01M8/06	METHOD FOR STORING HYDROGEN IN A POROUS MONOLITHIC MATERIAL, COMPOSITE MATERIAL OBTAINED, AND APPLICATIONS
ES2333428T	AU20030903453 20030707	UNIV QUEENSLAND [AU]	C12P3/00; C01B3/02; C12N1/12;	PRODUCCION FOTOSINTETICA DE HIDROGENO.

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			C12N13/00; H01M8/16	
WO2010068994	AU20080906519 20081218	UNIV QUEENSLAND [AU]; ROZENDAL RENE [AU]; RABAEY KORNEEL [AU]	C25B3/00; C02F1/46; C12M1/42; C12N13/00; C12P1/00; C12P39/00; C12P41/00; C25B9/00; H01M8/06; H01M8/16	PROCESS FOR THE PRODUCTION OF CHEMICALS
WO2010055512	US20080113611P 20081112; US20090230764P 20090803	UNIV RAMOT [IL]; PATOLSKY FERNANDO [IL]; FILANOVSKY BORIS [IL]; GRANOT ERAN [IL]	H01M4/90; H01M8/22	A DIRECT LIQUID FUEL CELL HAVING AMMONIA BORANE OR DERIVATIVES THEREOF AS FUEL
US2010028737	US20070740510 20070426; US20070878887P 20070105	UNIV RICE WILLIAM M [US]	H01M8/18; B01J19/00	SPIRAL MICROREFORMER ASSEMBLY
US2010015494	US20090392150 20090225; US20080031492P 20080226; US20080101314P 20080930; US20080031153P 20080225	UNIV ROCHESTER [US]	H01M8/10; B05D5/12; C23C28/00	ION-CONDUCTING CERAMIC APPARATUS, METHOD, FABRICATION, AND APPLICATIONS
EP2160779	WO2008IB51462 20080416; IT2007RM00228 20070420	UNIV ROMA [IT]; UNI DEGLI STUDI DI CAMERINO [IT]	H01M4/86; B01J23/00; B01J23/28; B01J23/58; H01M4/88;	CATALYSTS HAVING LOW PLATINUM CONTENT FOR FUEL CELLS

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			H01M4/90; H01M4/92; H01M8/10	
EP2148383	WO2008JP57509 20080417; JP20070109848 20070418	UNIV SHIZUOKA NAT UNIV CORP [JP]; TOYOTA MOTOR CO LTD [JP]	H01M8/02; H01B1/06; H01M4/86; H01M8/10	POLYMER ELECTROLYTE MATERIAL AND MEMBRANE- ELECTRODE ASSEMBLY FOR FUEL CELL USING THE SAME
JP2010009853	JP20080166136 20080625	UNIV SHIZUOKA NAT UNIV CORP [JP]; TOYOTA MOTOR CORP	H01M8/02; C08G77/28; C08K3/36; C08L83/04; C08L83/08; H01B1/06; H01M8/10	ELECTROLYTE MEMBRANE FOR FUEL CELL
JP2010009852	JP20080166132 20080625	UNIV SHIZUOKA NAT UNIV CORP [JP]; TOYOTA MOTOR CORP	H01B5/00; C01B33/18; H01B13/00	PROTON CONDUCTIVE MATERIAL AND ITS MANUFACTURING METHOD
JP2010009851	JP20080166120 20080625	UNIV SHIZUOKA NAT UNIV CORP [JP]; TOYOTA MOTOR CORP	H01M8/02; C08K9/04; C08L27/22; C08L101/12; H01B1/06; H01M8/10	ELECTROLYTE MEMBRANE FOR FUEL CELL
WO2010005397	US20080078834P 20080708; SG20080005779 20080731	UNIV SINGAPORE [SG]; NG HOW YONG [SG]; LEFEBVRE OLIVIER PATRICK [SG]; OOI WAI KEONG [SG]	H01M8/16; C02F3/00; H01M4/86	AN IMPROVED CATHODE DESIGN
WO2010005267	KR20080066940 20080710	UNIV SOGANG IND UNIV COOP FOUN [KR]; LEE YOUNG-MOO [KR]; PARK CHI- HOON [KR]; LEE CHANG- HYUN [KR]; KIM HONG-KEON [KR]	H01M8/10	FLUORINATED POLYMER ELECTROLYTE MEMBRANE COMPRISING FULLY OR PARTIALLY FLUORINATED SURFACTANT AND FUEL CELL COMPRISING THE SAME

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CN101645515	CN20091042038 20090820	UNIV SOUTH CHINA TECH	H01M8/16	MICROBIOLOGICAL FUEL CELL AS WELL AS PREPARATION METHOD AND APPLICATIONS THEREOF
US2010040908	US20080114097 20080502; US20070915650P 20070502	UNIV SOUTHERN CALIFORNIA [US]	H01M8/16	MICROBIAL FUEL CELLS
DK1461839T	GB20010025276 20011020; WO2002GB04726 20021018	UNIV ST ANDREWS [GB]	H01M4/88; H01M8/12; B05D5/12; B32B18/00; C04B35/486; H01M4/00; H01M8/00; H01M8/02; H01M8/10; H01M8/24	FORBEDRINGER AF BRØNDSSELSCELLER OG LIGNENDE INDRETNINGER
US2010041123	US20090576014 20091008; US20030617452 20030711; US20030486076P 20030710; US20020429829P 20021127	UNIV ST LOUIS [US]	C12N11/04; C08J9/00; C12N11/08; C12Q1/00; C12Q1/32; H01M4/90; H01M8/16	IMMOBILIZED ENZYMES AND USES THEREOF
KR20100040103	KR20080099174 20081009	UNIV SUNGKYUNKWAN FOUND [KR]	H01M8/04; H01G9/058; H01M4/86	METHOD FOR FABRICATING ELECTRODE USING CONDUCTING POLYMER, AND ELECTROCHEMICAL CAPACITOR AND FUEL CELL HAVING THE ELECTRODE
KR20100055997	KR20080114925 20081119	UNIV SUNGKYUNKWAN FOUND [KR]	H01M4/86; H01M4/88; H01M4/92; H01M8/10	ELECTRODE CATALYST LAYER CONTAINING ECO-FRIENDLY DEGRADABLE POLYMER, METHOD FOR FABRICATING THE ELECTRODE CATALYST LAYER, AND FUEL CELL
WO2010018370	GB20080014652 20080811	UNIV SURREY [GB]; VARCOE JOHN [GB]; POYNTON SIMON	H01M4/88; B01J13/16;	INTERFACE POLYMER

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		[GB]; SLADE ROBERT [GB]; HANDSEL JENNIFER [GB]	C08J5/22; H01B1/12; H01M8/02; H01M8/10	
CN101630749	CN20091305404 20090810	UNIV TIANJIN	H01M8/02	METHOD FOR LOADING CATALYST ON PROTON EXCHANGE MEMBRANE
US2010092829	FR20060011280 20061222; WO2007FR02115 20071219	UNIV TOULOUSE [FR]; CENTRE NAT RECH SCIENT [FR]	H01M8/10; H01M4/86; H01M4/88	GAS ELECTRODE, METHOD FOR MAKING THE SAME AND USES THEREOF
CN101635362	CN20081142524 20080725	UNIV TSINGHUA [CN]	H01M8/02	MEMBRANE ELECTRODE AND BIOFUEL CELL ADOPTING SAME
CN101635361	CN20081142523 20080725	UNIV TSINGHUA [CN]	H01M8/02	MEMBRANE ELECTRODE AND BIOFUEL CELL ADOPTING SAME
US2010021774	CN20081142523 20080725; CN20081241835 20081217	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H01M8/16; H01M4/90	MEMBRANE ELECTRODE ASSEMBLY AND BIOFUEL CELL USING THE SAME
US2010151278	CN20081241835 20081217	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	H01M8/16; H01M4/90	MEMBRANE ELECTRODE ASSEMBLY AND BIOFUEL CELL USING THE SAME
ES2331828	ES20080002001 20080627	UNIV VALENCIA POLITECNICA [ES]; CONSEJO SUPERIOR INVESTIGACION	H01M4/90; B01D53/22; B01D71/02; H01M4/86; H01M8/12	CAPA CATALITICA PARA LA ACTIVACION DE OXIGENO SOBRE ELECTROLITOS IONICOS A ALTA TEMPERATURA
EP2197897	WO2008CA01688 20080829; US20070935773P 20070830	UNIV WATERLOO [CA]	C07K7/06; A61K38/02; A61K45/08; A61K47/18; A61K47/42; B82B1/00; C07K1/00; C07K5/06;	AMINO ACID PAIRING-BASED SELF ASSEMBLING PEPTIDES AND METHODS

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			C07K5/072; C07K5/113; C11D1/88; G01N33/50; G01N33/569; G01N33/66; G01N33/68; H01M8/22	
US2010035089	US20090457449 20090611; US20040562198 20040625; WO2004CA00943 20040625; US20030482765P 20030627	UNIV WESTERN ONTARIO [CA]	H01M8/16; H01M8/18	METHOD FOR GENERATING ELECTRICITY
US2010040909	US20090461340 20090807; US20040562198 20040625; WO2004CA00943 20040625; US20030482765P 20030627	UNIV WESTERN ONTARIO [CA]	H01M8/16	BIO-FUEL CELL SYSTEM
US7682832	US20080082191 20080401; US20020259220 20020926; US20010327639P 20011005	US AIR FORCE [US]	G01N33/00; C01B3/00; C01C1/00; H01M8/06	CONTROLLING THE FLOW OF HYDROGEN AND AMMONIA FROM A HYDROGEN GENERATOR DURING A BREAKTHROUGH WITH HYDRATED COPPER (II) CHLORIDE EXPANSION
US7666534	US20060532928 20060919	US ENERGY [US]	H01M8/06; C25B9/06	ELECTRO-CATALYTIC OXIDATION DEVICE FOR REMOVING CARBON FROM A FUEL REFORMATE
US2010081014	US20090554062	US GOVERNMENT [US]	H01M8/16	MICROBIAL FUEL CELL POWER SYSTEMS

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	20090904; US20080096347P 20080912			
US7695834	US20080252015 20081015	UT BATTELLE LLC [US]	H01M8/16; C12N1/38; H01M8/04	MICROBIAL FUEL CELL WITH IMPROVED ANODE
AT460754T	US20020132789 20020424; WO2003US11068 20030313	UTC FUEL CELLS LLC [US]	H01M8/00; H01M8/10; H01M8/04	MAXIMIERUNG DES WIRKUNGSGRADES EINES PEM-BRENNSTOFFZELLENKRAFTWERKSYSTEMS BEI OPTIMALEM SYSTEMDRUCK
WO2010047693	WO2008US80669 20081022	UTC FUEL CELLS LLC [US]; DARLING ROBERT MASON [US]; KANDOI SHAMPA [US]	H01M8/02; H01M8/10	POROUS FLOW FIELD PLATE FOR MOISTURE DISTRIBUTION CONTROL IN A FUEL CELL
WO2010033118	WO2008US76771 20080918	UTC FUEL CELLS LLC [US]; MADDEN THOMAS H [US]	H01M8/02; H01M8/04	BIPOLAR PLATE FOR A FUEL CELL
US2010021791	WO2006US49533 20061227	UTC POWER CORP [US]	H01M8/10; H01M2/02	ASYMMETRIC DOVETAIL INTERCONNECT FOR SOLID OXIDE FUEL CELL
KR20100004920	KR20097014139 20061221	UTC POWER CORP [US]	H01M8/24; H01M8/02; H01M8/04	FUEL CELL STACK HAVING AN INTEGRATED END PLATE ASSEMBLY
AT454722T	US20040016260 20041216; WO2005US43135 20051130	UTC POWER CORP [US]	H01M8/04	DOPPELPUMPEN-BRENNSTOFFZELLEN-TEMPERATURVERWALTUNGSSYSTEM
KR20100014286	KR20097013328 20061227	UTC POWER CORP [US]	H01M8/04; H01M8/12	ASYMMETRIC DOVETAIL INTERCONNECT FOR SOLID OXIDE FUEL CELL
US2010047631	WO2006US41598 20061024	UTC POWER CORP [US]	H01M4/92; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY HAVING PROTECTIVE LAYER AND METHOD FOR MITIGATING MEMBRANE DECAY
EP2160784	WO2006US42495 20061027	UTC POWER CORP [US]	H01M8/12; H01M4/86; H01M4/90	LIQUID ELECTROLYTE FUEL CELL HAVING AN ANODE SUBSTRATE LAYER THICKER THAN THE CATHODE SUBSTRATE LAYER
US2010055541	US20090615313	UTC POWER CORP [US]	H01M2/02	FUEL CELL ASSEMBLY HAVING LONG LIFE

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	20091110; US20070718335 20070501; WO2004US43587 20041229			CHARACTERISTICS
KR20100045501	KR20107004682 20070919	UTC POWER CORP [US]	H01M8/02	HIGH THERMAL CONDUCTIVITY ELECTRODE SUBSTRATE
US2010129731	WO2006US49587 20061228	UTC POWER CORP [US]	H01M8/02	MULTI-WIRE, LONG-LIFE INTERCONNECTS FOR FUEL CELL STACKS
KR20100072373	KR20107012891 20071226	UTC POWER CORP [US]	H01M8/02; F25D17/00; H01M4/86; H01M8/10	FUEL CELL AND BIPOLAR PLATE FOR LIMITING LEAKAGE
WO2010030278	WO2008US76096 20080912	UTC POWER CORP [US]; BADRINARAYANAN PARAVASTU [US]; PATTERSON TIMOTHY W [US]	H01M8/04; H01M8/02	FUEL CELL DEVICE HAVING A LIQUID SOAK UP REGION
WO2010030277	WO2008US76094 20080912	UTC POWER CORP [US]; BADRINARAYANAN PARAVASTU [US]; PATTERSON TIMOTHY W [US]; DARLING ROBERT MASON [US]	H01M8/02	FUEL CELL DEVICE HAVING A WATER RESERVOIR
WO2010053474	WO2008US82385 20081105	UTC POWER CORP [US]; BLONDIN SEAN M [US]; FINK GARRETT W [US]; LOVE ROBERT A [US]; ROCK THOMAS [US]	H01M8/04; H01M8/24	FUEL CELL SUPPORT STRUCTURE AND METHOD OF ASSEMBLY/DISASSEMBLY THEREOF
WO2010019115	WO2008US09651 20080812	UTC POWER CORP [US]; CHAKULSKI BRIAN [US]; SPADACCINI RICHARD J [US]; HARRINGTON MICHAEL D [US]	H01M4/88; H01M8/04	PROCESS FOR STABILIZING NEW FUEL CELL STACK OR RECOVERING FROM LOST FUEL CELL STACK PERFORMANCE

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WO2010036253	WO2008US77595 20080925	UTC POWER CORP [US]; CONVERSE DAVID G [US]; MUELLER FORTUNAT J [US]	H01M8/04	SATURATED VAPOR BLOCK FOR FROZEN FUEL CELL POWER PLANT
WO2010062281	WO2008US13175 20081126	UTC POWER CORP [US]; GUTHRIE ROBIN J [US]	H01M8/04; H01M8/02; H01M8/24	EXTERNAL MANIFOLD FOR MINIMIZING EXTERNAL LEAKAGE OF REACTANT FROM CELL STACK
WO2010042084	WO2008US11512 20081006	UTC POWER CORP [US]; HARRINGTON MICHAEL D [US]; SPADACCINI RICHARD JONATHAN [US]	H01M8/04; G01N27/02	VOLTAGE-BASED FLUID SENSOR FOR A FUEL CELL STACK ASSEMBLY
WO2010065009	WO2008US13246 20081201	UTC POWER CORP [US]; ISOM JOSHUA [US]	H01M8/04; H01M8/06	ANODE UTILIZATION CONTROL SYSTEM FOR A FUEL CELL POWER PLANT
WO2010059160	WO2008US84262 20081121	UTC POWER CORP [US]; JAWOROWSKI MARK R [US]; YAMANIS JEAN [US]	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL HAVING RIGIDIZED SUPPORT INCLUDING NICKEL-BASED ALLOY
WO2010059159	WO2008US84260 20081121	UTC POWER CORP [US]; JAWOROWSKI MARK R [US]; YAMANIS JEAN [US]	H01M8/02; C23C10/00; H01M8/12	SOLID OXIDE FUEL CELL HAVING METAL SUPPORT WITH CONDUCTIVE COATING
WO2010005415	WO2008US08437 20080709	UTC POWER CORP [US]; KANURI SRIDHAR V [US]; PATTERSON TIMOTHY W [US]	H01M8/24; H01M8/02; H01M8/04	FUEL CELL STACK CONDITIONED TO OPERATE SAFELY WITH FAILED CELLS
WO2010036234	WO2008US77303 20080923	UTC POWER CORP [US]; MAO SOCHENDA P [US]; MOSES VALERIE N [US]; SKIBA TOMMY [US]; STRAYER ERIC R [US]	H01M2/08; H01M2/10; H01M8/02	FUEL CELL USING UV CURABLE SEALANT
WO2010047697	WO2008US80738 20081022	UTC POWER CORP [US]; PATTERSON JR TIMOTHY W [US]; SKIBA TOMMY [US]; JAYNE DAVID D [US]	H01M8/02; H01M8/24	FUEL CELL STACK ASSEMBLY SEAL
WO2010047673	WO2008US11952 20081021	UTC POWER CORP [US]; PERRY MICHAEL L [US]	H01M8/04; H01M4/86; H01M8/06	SYSTEM AND METHOD FOR PASSIVATING A FUEL CELL POWER PLANT

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WO2010056231	WO2008US83073 20081111	UTC POWER CORP [US]; PHILLIPS RICHARD R [US]; HARRINGTON MICHAEL D [US]	H01M8/04; H01M8/24	INLET MANIFOLD WITH GUIDING STRUCTURE FOR FUEL CELL
WO2010071615	WO2008US13205 20081216	UTC POWER CORP [US]; RAMASWAMY SITARAM [US]; GOTTUNG ERIC J [US]	H01M8/10; C08J9/22; H01M8/04	CORROSION RESISTANT MEMBRANE CONDENSER FOR RECOVERY OF FUEL CELL ELECTROLYTE
WO2010056224	WO2008US12750 20081112	UTC POWER CORP [US]; REISER CARL A [US]	H01M8/04; H01M8/06	HOMOGENOUS GAS IN SHUT DOWN FUEL CELLS
WO2010065017	WO2008US13376 20081204	UTC POWER CORP [US]; REISER CARL A [US]	H01M8/04; H01M8/10	DETERMINING DURATION OF FUEL CELL SHUTDOWN HYDROGEN STABILIZATION BY COUNTING COULOMBS
WO2010036222	WO2008US11184 20080926	UTC POWER CORP [US]; REISER CARL A [US]; BADRINARAYANAN PARAVASTU [US]	H01M8/00	REDUCED AXIAL PRESSURE IN FUEL CELL STACKS
WO2010024816	WO2008US74710 20080829	UTC POWER CORP [US]; SKIBA TOMMY [US]	H01M8/02; H01M8/24	FUELL CELL DEVICE INCLUDING A POROUS COOLING PLATE ASSEMBLY HAVING A BARRIER LAYER
WO2010042085	WO2008US11513 20081006	UTC POWER CORP [US]; SPADACCINI RICHARD JONATHAN [US]; HARRINGTON MICHAEL D [US]	H01M8/04	SYSTEM AND METHOD FOR SENSING SUBSTACK VOLTAGES
WO2010050964	WO2008US81919 20081031	UTC POWER CORP [US]; TOYOTA MOTOR CO LTD [JP]; KAWAMURA TETSUO [US]; SHAO MINHUA [US]; OPALKA SUSANNE M [US]	H01M4/92; B01J23/06; B01J23/22; B01J23/24; B01J23/42; B01J23/70; B82B3/00; H01M8/10	QUATERNARY ALLOY CATALYST FOR FUEL CELL
WO2010056228	WO2008US12890 20081117	UTC POWER CORP [US]; VINCITORE ANTONIO M [US]; FOLEY PETER F [US];	H01M8/04; H01M8/02	CLOSED LOOP, FUEL CELL POWERED PRODUCTION OF SODIUM CHLORATE

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		HILDRETH DEREK W [US]; PRESTON JOHN L [US]		
WO2010056252	WO2008US83718 20081117	UTC POWER CORP [US]; WHITON JOHN H [US]; NIEZELSKI DAVID A [US]; LOVE ROBERT A [US]; SCHAUB EDWARD GORDON [US]	H01M8/02; H01M8/04	FUEL CELL PLATE FLOW FIELD
WO2010039109	WO2008US11460 20081003	UTC POWER CORP [US]; WILSON MATTHEW P [US]; YADHA VENKATESHWARLU [US]; REISER CARL A [US]	H01M8/04	LOW POWER CONTROL OF FUEL CELL OPEN CIRCUIT VOLTAGE
WO2010047692	WO2008US80667 20081022	UTC POWER CORP [US]; YAMANIS JEAN [US]	H01M8/02	FUEL CELL SEAL
WO2010047694	WO2008US80671 20081022	UTC POWER CORP [US]; YAMANIS JEAN [US]; HAWKES JUSTIN R [US]; CHIAPPETTA JR LOUIS [US]; BIRD CONNIE E [US]; SUN ELLEN Y [US]; CROTEAU PAUL F [US]	H01M8/04; H01M8/24	FUEL CELL REPEATER UNIT
WO2010059158	WO2008US84254 20081121	UTC POWER CORP [US]; YAMANIS JEAN [US]; JAWOROWSKI MARK R [US]	H01M8/04; H01M8/02; H01M8/24	METHOD OF FORMING A FUEL CELL SHEET
WO2010044772	WO2008US79816 20081014	UTC POWER CORP [US]; ZHANG JIFENG [US]; XI HANDA [US]; SUN ELLEN Y [US]; KANTESARIA PRABHUDAS [US]; FERRO JOHN A [US]; MARGIOTT PAUL R [US]; SHORT MICHAEL F [US]	H01M8/06	SOLID OXIDE FUEL CELL WITH ANODE EXHAUST RECYCLE
US2010055517	US20090546047	UZHINSKY IGHOR K [US];	H01M8/04;	METHODS AND SYSTEMS OF PRODUCING HYDROGEN

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	20090824; US20080092358P 20080827	LUND GARY K [US]; LEYLEGIAN JOHN C [US]; GIRLEA FLORIN [US]; TYLL JASON S [US]; PIPER LAWRENCE G [US]; BYL MARTEN [US]; CHINITZ WALLACE [US]	B01J19/00; C01B3/04; C01B13/02; H01M8/18	AND OXYGEN FOR POWER GENERATION, AND POWER SOURCE
AT507238	AT20080001423 20080912	VAILLANT AUSTRIA GMBH [AT]	H01M8/04	VORRICHTUNG ZUR LUFTVERSORGUNG VON BRENNSTOFFZELLENSYSTEMEN
AT453221T	AT20060000052 20060113	VAILLANT GMBH [DE]	H01M8/04; F28D21/00	ANLAGE ZUR KRAFT- W?RME-KOPPLUNG
DE102009042302	AT20080001513 20080930	VAILLANT GMBH [DE]	H01M8/06	VERFAHREN ZUM BETREIBEN VON BRENNSTOFFZELLENSYSTEMEN MIT REFORMERN BEI FL ³ SSIGGAS-LUFT-BEIMISCHUNG
US2010062298	US20080524121 20080131; US20070898583P 20070131; WO2008US52612 20080131	VALENSA JEROEN [US]	H01M8/18; H01M8/04	FUEL CELL AND METHOD OF OPERATING THE SAME
US2010124685	US20100689726 20100119; US20060503699 20060814	VALENSA JEROEN [US]; REINKE MICHAEL J [US]; VOSS MARK G [US]	H01M8/04; H01M2/00	INTEGRATED SOLID OXIDE FUEL CELL AND FUEL PROCESSOR
WO2010063888	FI20080006154 20081202	VALTION TEKNILLINEN [FI]; KAURANEN PERTTI [FI]; HARLIN ALI [FI]; HEIKKILAE PIRJO [FI]; WICKSTROEM LISA [FI]; SIVONEN EINO [FI]; KESKINEN JARI [FI]; PASANEN ANTTI [FI]	H01M4/133; C08J9/00; C08K3/04; H01M8/10	A CATALYST LAYER FOR ELECTROCHEMICAL APPLICATIONS
US2010015476	US20090570576 20090930;	VERSA POWER SYSTEMS LTD [CA]	H01M8/04; H01M8/06;	THERMALLY INTEGRATED FUEL CELL SYSTEM

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	US20050905958 20050127; WO2004CA00681 20040506; US20030249772 20030506		H01M8/18	
US2010028747	US20090510432 20090728; US20050312275 20051220; US20040639131P 20041227	VERSA POWER SYSTEMS LTD [CA]	H01M4/90; H01M8/10	PRECONDITIONING TREATMENT TO ENHANCE REDOX TOLERANCE OF SOLID OXIDE FUEL CELLS
EP2176906	WO2008EP58414 20080701; US20070879388 20070717	VERSA POWER SYSTEMS LTD [CA]	H01M4/86; H01M4/88; H01M4/92; H01M8/02; H01M8/12	CELL MATERIALS VARIATION IN SOFC STACKS TO ADDRESS THERMAL GRADIENTS IN ALL PLANES
AT462202T	US20000224801P 20000818; WO2001CA01170 20010817	VERSA POWER SYSTEMS LTD [CA]	D06M11/44; H01M8/02; C04B30/02; D04H1/40; D06M11/45; D06M11/46; D06M23/08; H01M2/08; H01M8/12; H01M8/24	HOCHTEMPERATURBEST?NDIGE GASDICHTUNGEN
ES2331803T	DE200410013337 20040317	VISSMANN WERKE KG; ELCOMAX MEMBRANES GMBH	H01M8/04; H01M8/06	INSTALACION DE CELULAS DE COMBUSTIBLE, PROCEDIMIENTO PARA EL ARRANQUE Y PROCEDIMIENTO PARA LA DESCONEXION DE ESTA INSTALACION.
US2010136443	WO2007US16510 20070720	VINCITORE ANTONIO M [US]	H01M8/06	VOLATILE ORGANIC COMPOUND ABATEMENT WITH FUEL CELL POWER PLANT

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DE102008040520	DE200810040520 20080717	VOLKSWAGEN AG [DE]	H01M10/48; H01M8/04	RECTANGULAR ELECTRO-CHEMICAL ENERGY SOURCE E.G. HIGH VOLTAGE BATTERY, IN ELECTROMOTIVE VEHICLE E.G. HYBRID VEHICLE, HAS TEMPERATURE SENSOR ARRANGED WITHIN ENERGY SOURCE FOR DETECTING OPERATING TEMPERATURE AND EXPANDED IN SPATIAL DIMENSION
DE102008041225	DE200810041225 20080813	VOLKSWAGEN AG [DE]	H01M8/04	FUEL CELL FOR SUPPLYING ELECTRICITY TO E.G. DRIVE MOTOR OF MOTOR VEHICLE, HAS DISCHARGING SYSTEMS ARRANGED IN FUEL CELL STACK THAT IS UPSTREAM IN HYDROGEN FLOW DIRECTION AND CONNECTED WITH SUPPLY SYSTEMS OF DOWNSTREAM FUEL CELL STACK
DE102009001141	DE200810043266 20081029; DE200810044259 20081202; DE200910001141 20090225	VOLKSWAGEN AG [DE]	B01D71/62; B01D71/82; C08G73/18; C08J5/22; H01M8/10	VERFAHREN ZUR HERSTELLUNG EINER POLYMERELEKTROLYTMEMBRAN
DE102009001137	DE200810043267 20081029; DE200810060399 20081202; DE200910001137 20090225	VOLKSWAGEN AG [DE]	H01M8/02; C08J5/22	POLYMERELEKTROLYTMEMBRAN F ³ R BRENNSTOFFZELLEN UND VERFAHREN ZU IHRER HERSTELLUNG
EP2176910	WO2007SE00700 20070727	VOLVO TECHNOLOGY CORP [SE]	H01M8/04; H01M8/06; H01M8/12; H01M16/00	METHOD FOR OPERATING A FUEL CELL AND FUEL CELL ARRANGEMENT
FI20085721	FI20080005721 20080710	WAERTSILAE FINLAND OY [FI]	H01M8/12; H01M8/04	MENETELMÖ JA JÖRJESTELY POLTTOKENNOJÖRJESTELMÖN LÖMP-TEKNISEN TEHOKKUUDEN PARANTAMISEKSI
FI120949B	FI20080005720 20080710	WAERTSILAE FINLAND OY [FI]	H01M8/04	MENETELMÖ JA JÖRJESTELY POLTTOKENNOJÖRJESTELMÖN ESILÖMMITYKSEN

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FI20085719	FI20080005719 20080710	WAERTSILAE FINLAND OY [FI]	H01M8/04; H01M8/10	MENETELMÖ JA JÖRJESTELY POLTTOKENNOJÖRJESTELMÖN SUOJAKAASUN KULUTUKSEN VÖHENTÖMISEKSI
FI20085718	FI20080005718 20080710	WAERTSILAE FINLAND OY [FI]	H01M8/04; H01M8/10	MENETELMÖ JA SÖÖT-JÖRJESTELY POLTTOKENNOLAITTEeseen
FI20086029	FI20080006029 20081030	WAERTSILAE FINLAND OY [FI]	H01M8/04; C01B31/00; H01M4/86; H01M8/22	MITTAUSJÖRJESTELY
WO2010043767	FI20080005976 20081017	WAERTSILAE FINLAND OY [FI]; HOSSI PETRI [FI]; JANSSON PEIK [FI]; MAHLANEN TIMO [FI]; FONTELL ERKKO [FI]	H01M8/24	FUEL CELL ARRANGEMENT COMPRISING FUEL CELL STACKS
WO2010043770	FI20080005977 20081017	WAERTSILAE FINLAND OY [FI]; MAHLANEN TIMO [FI]	H01M8/24	FUEL CELL ARRANGEMENT
US2010040915	JP20060005919 20060113; JP20060136198 20060516; WO2007JP50445 20070115	WAKITA HIDENOBU [JP]; KANI YUKIMUNE [JP]; FUJIHARA SEIJI [JP]; UKAI KUNIHIRO [JP]; MAENISHI AKIRA [JP]	H01M8/06; C01B3/02; G05D7/00	HYDROGEN GENERATOR, FUEL CELL SYSTEM AND THEIR OPERATING METHODS
US2010143761	US20090475626 20090601	WANG SU-CHEE SIMON [US]; JAIN KAILASH CHANDRA [US]; KELLER JOSEPH M [US]; KERR RICK D [US]	H01M8/10; H01M4/82	METHOD FOR IMPREGNATING A SOLID OXIDE FUEL CELL CATHODE WITH SILVER TO REDUCE ELECTRICAL RESISTANCE
AT458437T	EP20050027937 20051220	WESSEL WERK GMBH [DE]	A47L9/28; H01M8/10	SELBSTFAHRENDE SAUGREINIGUNGSVORRICHTUNG
CA2641747	CA20082641747 20081016	WEST ROBERT D [CA]	F17D3/12; F17D1/05; F17D3/14; H01M8/06	CHEMICAL INJECTION PUMP SYSTEM POWERED BY DIRECT METHANOL FUEL CELL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
US2010136455	US20090577134 20091009; US20080104581P 20081010	WINTER RICK [US]	H01M8/04; H01M8/02	COMMON MODULE STACK COMPONENT DESIGN
US2010159295	US20080344013 20081224	WOLK RONALD [US]; BALACHOV IOURI [US]	H01M8/04; H01M8/02	ON-LINE REPLACEMENT OF DCFC TUBULAR ELEMENTS
CN101630746	CN20091147748 20090619	WUHAN INTEPOWER FUEL CELLS CO	H01M8/02	FUEL CELL FLOW FIELD PLATE WITH ANTI-SEEPAGE AND HYDROPHOBIC PERFORMANCE AS WELL AS SPECIAL IMPREGNANT, IMPREGNATION METHOD AND DEVICE THEREOF
WO2010065423	US20080200714P 20081202	XERGY INC [US]; BAHAR BAMDAD [US]	F25B30/02; F25B41/00; F25B49/02; H01M8/04	ELECTROCHEMICAL COMPRESSOR AND REFRIGERATION SYSTEM
CN101621128	US20080164186 20080630	XEROX CORP	H01M8/16	MICROBIAL FUEL CELL AND METHOD
KR100952451B	KR20090052032 20090611	XFC INC [KR]	H01M8/04	PASSIVE TYPE FUEL CELL WITH PULSATOR
US2010159358	KR20080132538 20081223; KR20090052029 20090611	XFC INC [KR]	H01M2/16; H01M8/02	SEPARATOR FOR FUEL CELL AND FUEL CELL COMPRISING THE SAME
CN101656320	CN20091169841 20090904	XINAO SCIENCE AND TECHNOLOGY D	H01M8/02	FLOW-FIELD PLATE FOR ELECTROCHEMICAL CELL
US2010064746	US20070374549 20070720; US20060832735P 20060721; WO2007US74028 20070720	XYLECO [US]	C12P1/04; C05F11/08; C12P3/00; C12P5/00; C12P5/02; C12P7/04; C12P7/06; C12P7/16; C12P21/00;	CONVERSION SYSTEMS FOR BIOMASS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			H01M8/16	
US2010068565	WO2006US48331 20061219	YADHA VENKATESHWARLU [US]; WILSON MATTHEW P [US]; NARASIMHAMURTHY PRAVEEN [US]	H01M8/00; H01M2/02; H01M8/04	VARIABLE FUEL PRESSURE CONTROL FOR A FUEL CELL
US2010047649	JP20060211639 20060803; WO2007JP65572 20070802	YAMADA HIDEKI [JP]; SUZUKI YOUICHI [JP]; FUJIMOTO HIROYOSHI [JP]	H01M8/10; B29C45/14; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY, METHOD FOR PRODUCING THE SAME, AND SOLID POLYMER FUEL CELL USING THE SAME
US2010104916	US20090654555 20091223; JP20040009061 20040116; JP20040009062 20040116; JP20040269456 20040916; JP20040379098 20041228; JP20040379099 20041228; US20050585940 20050113; WO2005JP00295 20050113	YAMADA TAKASHI [JP]; YAMADA MASAHARU [JP]; AKBAY TANER [JP]; HOSHINO KOJI [JP]; MIYAZAWA TAKASHI [JP]; KOTANI TAKAFUMI [JP]; KOMADA NORIKAZU [JP]; MURAKAMI NAOYA [JP]	H01M8/10; H01M2/14; H01M8/02; H01M8/12	SEPARATOR FOR FUEL CELL, METHOD FOR PRODUCING SEPARATOR, AND SOLID OXIDE FUEL CELL
DE102009036363	JP20080205940 20080808	YAMAHA MOTOR CO LTD [JP]	H01M8/04	BRENNSTOFFZELLENSYSTEM
US2010092820	JP20080263205 20081009	YAMAHA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2010092823	US20090571943 20091001; US20050222506 20050908;	YANG BO [US]; WOYCIESJES PETER M [US]; MARINHO FILIPE J [US]; GERSHUN ALEKSEI V [US]	H01M8/04; B01J41/12; F28D15/00	COLORANT TREATED ION EXCHANGE RESINS, METHOD OF MAKING, HEAT TRANSFER SYSTEMS AND ASSEMBLIES CONTAINING THE SAME, AND METHOD OF USE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	US20040607969P 20040908			
US2010015483	US20090461597 20090818; US20040933269 20040903	YANG JEFFERSON YS [US]	H01M8/04	REACTION GAS TEMPERATURE AND HUMIDITY REGULATING MODULE FOR FUEL CELL STACK
US2010112408	US20090609179 20091030; US20090218584P 20090619; US20080109522P 20081030	YANG LEI [US]; CHENG ZHE [US]; LIU ZE [US]; LIU MEILIN [US]	H01M8/10; H01B1/02	CHEMICAL COMPOSITIONS, METHODS OF MAKING THE CHEMICAL COMPOSITIONS, AND STRUCTURES MADE FROM THE CHEMICAL COMPOSITIONS
EP2192643	US20080292916 20081201	YANG TAI-HER [TW]	H01M4/70; H01G4/232; H01G4/30	ELECTRODE PLATE MULTI-END SIDES TO SINGLE END SIDE CURRENT COLLECTOR OF AN ELECTRICITY STORAGE/DISCHARGE DEVICE
JP2010009761	JP20080164249 20080624	YOKOGAWA ELECTRIC CORP	H01M4/86; H01M8/02; H01M8/10	SOLID POLYMER FUEL BATTERY
US2010040927	JP20060275122 20061006; WO2007JP67339 20070905	YOSHIDA MASARU [JP]; ASANO MASAHARU [JP]; CHEN JINHUA [JP]; MAEKAWA YASUNARI [JP]; TACHIBANA TOSHIMITSU [JP]; NAGAI YOZO [JP]; NISHIYAMA SOJI [JP]	H01M8/10; C08J9/00	SILANE CROSSLINKED STRUCTURE-INTRODUCED FUEL-CELL POLYMER ELECTROLYTE MEMBRANE AND FUEL-CELL ELECTRODE ASSEMBLY HAVING THE SAME
US2010068106	JP20070144779 20070531; WO2008JP01332 20080528	YOSHIDA YUTAKA [JP]; UKAI KUNIHIRO [JP]; ASO TOMONORI [JP]; MAENISHI AKIRA [JP]; KIMURA YOICHI [JP]	C01B3/38; B01J8/04; B01J15/00; B01J19/24; H01M8/04	HYDROGEN PRODUCING APPARATUS
US2010015487	JP20050340747 20051125; WO2006JP323477	YOSHIMURA MIKIKO [JP]; HORI YOSHIHIRO [JP]; OKANISHI TAKEOU [JP];	H01M8/10; B05D5/12; H01M2/00	CATALYST-COATED MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL AND FUEL CELL STACK

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
	20061124	YAMAUCHI MASAKI [JP]		
CN101673831	CN20081160907 20080911	YUAN ZE UNIVERSITY	H01M8/02; H01M2/14; H01M4/86; H01M4/88; H01M4/94; H01M8/10	COMPOSITE PROTON EXCHANGE MEMBRANE OF ACIDIC NANOFIBER/ALKALINE HIGH POLYMER AND PREPARATION METHOD THEREOF
US2010047643	JP20070245739 20070921; WO2008JP02612 20080922	YUKIMASA AKINORI [JP]; TANAKA YOSHIKAZU [JP]; NAKAMURA AKINARI [JP]; OZEKI MASATAKA [JP]	H01M8/04; H01M8/12	FUEL CELL SYSTEM
JP2010015758	JP20080173259 20080702	YUTAKA GIKEN CO LTD	H01M8/00; B60L11/18; H01M8/04	GAS DILUTION DEVICE
ES2335132T	DE200510007180 20050214	ZAE BAYERN BAYERISCHES ZENTRUM	H01M8/04	PROCEDIMIENTO PARA HACER FUNCIONAR CELULAS DE COMBUSTIBLE PARA SISTEMAS QUE SE PUEDEN CARGAR CON CALOR DE MANERA LIMITADA Y PILA DE CELULAS DE COMBUSTIBLE PARA PONER EN PRACTICA EL PROCEDIMIENTO.
AT459573T	CA20022389939 20020625; WO2003CA00960 20030625	ZALUSKA ALICJA [CA]; ZALUSKI LESZEK [CA]	B01J20/02; C01B3/00; B01J31/12; B01J31/14; B01J31/26; B01J31/28; B01J31/32; B01J31/36; B01J31/38; B01J31/40; B01J37/00; B01J37/04; C01B6/00; C01B6/02;	NEUE ART VON KATALYTISCH WIRKSAMEN MATERIALIEN AUF BASIS VON KOMPLEXEN AUS AKTIVEM METALL, WASSERSTOFF UND EINEM ELEKTRONEGATIVEN ELEMENT MIT WASSERSTOFF BERTRAGUNG

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional de Patentes	Título
			C01B6/04; C01B6/24; H01M8/04	
US2010055538	WO2006US46839 20061208	ZHANG WEILONG [US]; HAGANS PATRICK L [US]; GUPTA NIKUNJ [US]	H01M8/02	FUEL CELL FLOW FIELD HAVING METAL BIPOLAR PLATES
CN101621127	US20080129479P 20080630	ZHONGXING ELECTRIC ENGINEERING	H01M8/04	FUEL CELL HEAT RECOVERY SYSTEM
US2010003543	CN20081029221 20080704; CN20081198453 20080911	ZHOU SHUNGUI [CN]	H01M8/16	MICROBIAL FUEL CELL STACK
US2010028725	US20070744229 20070504	ZILLMER ANDREW J [US]; CARROLL JOSEPH P [US]	H01M8/04; G01J3/18	FUEL CELL INSTRUMENTATION SYSTEM
CN101663787	WO2006US40399 20061012	ZORNES DAVID A [US]	H01M8/18	OPEN ELECTRIC CIRCUITS OPTIMIZED IN SUPERCRITICAL FLUIDS THAT COEXIST WITH NON SUPERCRITICAL FLUID THIN FILMS TO SYNTHESIS NANO SCLAE PRODUCTS AND ENERGY PRODUCTION
EP2201632	WO2008EP07376 20080909; DE200710044634 20070919	ZSW [DE]	H01M8/02; H01M8/10	HIGH-TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL (HT-PEMFC) INCLUDING APPARATUSES FOR COOLING SAID FUEL CELL

ANEXO I - Códigos dos Principais Países

Código	País	Código	País
AR	Argentina	IN	Índia
AT	Áustria	IS	Islândia
AU	Austrália	IT	Itália
BE	Bélgica	JP	Japão
BG	Bulgária	KR	República Da Coreia
BR	Brasil	LU	Luxemburgo
BS	Bahamas	LV	Letônia
CA	Canadá	MA	Marrocos
CH	Suíça	MD	Republica Moldova
CN	China	MX	México
CZ	República Tcheca	NL	Holanda
DE	Alemanha	NO	Noruega
DK	Dinamarca	NZ	Nova Zelândia
DZ	Argélia	OA	African Intellectual Property Organization (OAPI) ¹
EA	Organização de Patentes da Eurásia (EAPO) ¹	PH	Filipinas
EE	Estônia	PL	Polônia
EG	Egito	PT	Portugal
EP	Organização Européia de Patentes (EPO) ¹	RO	Romênia
ES	Espanha	RU	Federação Russa
FI	Finlândia	SE	Suécia
FR	França	SG	Singapura
GB	Reino Unido	SI	Eslovênia
GR	Grécia	SK	Eslováquia
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	TR	Turquia
HR	Croácia	TW	Taiwan
HU	Hungria	UA	Ucrânia
IB	International Bureau ²	US	Estados Unidos
ID	Indonésia	WO	Organização Mundial de Propriedade Intelectual (WIPO) ²
IE	Irlanda	ZA	África do Sul
IL	Israel		

Fonte: <http://www.wipo.int/export/sites/www/scit/en/standards/pdf/030301.pdf>, acesso: março 2008

¹ Organização intergovernamental encarregado de emitir títulos de proteção dos direitos de propriedade industrial e de prestar serviços relacionados com a propriedade industrial para cada um dos Estados-membros.

² O código “WO” é utilizado para a publicação internacional dos pedidos depositados via Tratado de Cooperação em Matéria de Patentes (PCT) em qualquer um dos escritórios nacionais dos países receptores deste Acordo. O código “IB” é utilizado para os pedidos depositados via PCT no escritório da Organização Mundial da Propriedade Intelectual (OMPI) atuando como entidade receptora do PCT.

ANEXO II - Pedidos de patente sem nome do depositante indexado

CN101691423	CN101721922	CN101752584	EA200970278
CN101692487	CN101721999	CN101752585	EA200970744
CN101692495	CN101724165	CN101752587	EA200970803
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