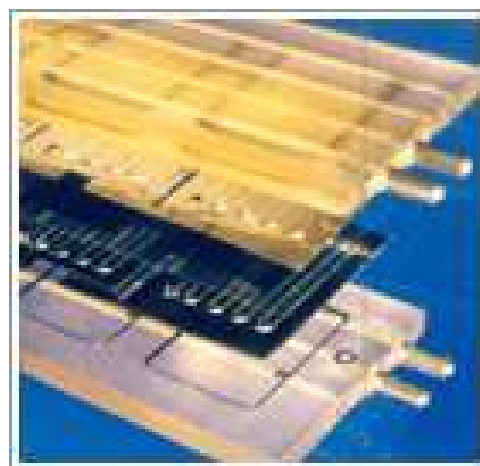


## Pedidos de Patente de Tecnologias Relativas a Células a Combustível – nº 7



Pedidos publicados no  
2º semestre de 2011

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, registro de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia e de franquia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), 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 Coordenação de Estudos e Programas – CEPRO, 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 Patente<sup>1</sup>: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes<sup>2</sup>:  
<http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes<sup>3</sup>: <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 patente<sup>4</sup>) listados na Tabela nº 2, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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Diretoria de Cooperação para o Desenvolvimento – DICOD

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e-mail: [cedin@inpi.gov.br](mailto:cedin@inpi.gov.br)

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

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

<sup>2</sup> Contém pedidos de patente depositados e publicados em mais de 70 países.

<sup>3</sup> Contém somente pedidos depositados e publicados nos Estados Unidos.

<sup>4</sup> 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  $\text{ZrO}_2$  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 2.462 documentos de patente que abordam tecnologias relacionadas à células a combustível.

De acordo com o Gráfico nº 1, pode-se identificar os países<sup>5</sup> 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 prioridade<sup>6</sup> são: Japão, Estados Unidos da América, Coreia, China e Alemanha. Observa-se, através da comparação com os resultados obtidos em Alertas publicados e disponíveis na página do INPI para consulta em <http://www.inpi.gov.br/index.php/quem-somos/noticias/notas/403-alerta-tecnologico> que o Japão permanece em primeiro lugar no *ranking* e que os Estados Unidos voltaram a ocupar a segunda posição.

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 50%), 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, foi recuperado 1 pedido com prioridade brasileira: PI1001517, depositado pela Fuelstar Cia de Combustível Renovável Ltda (BR).

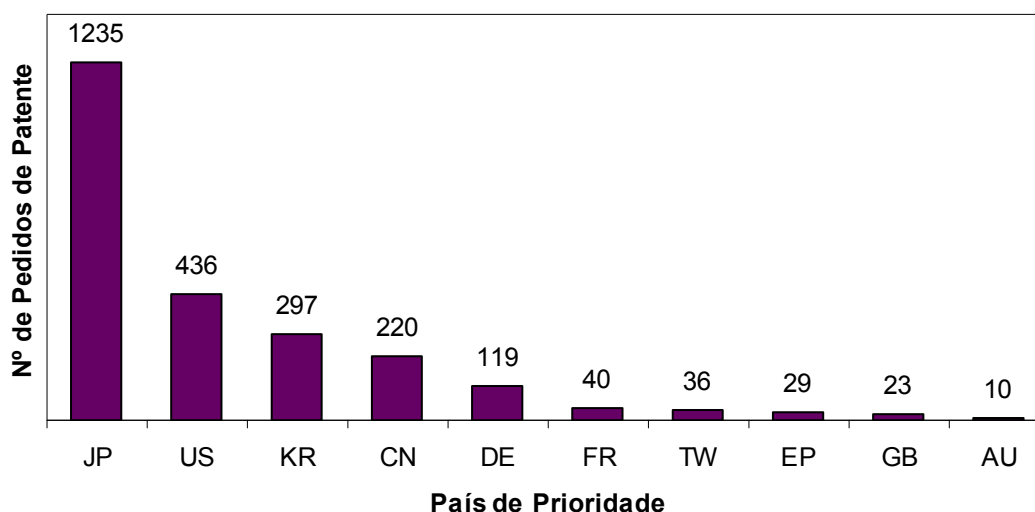
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<sup>5</sup> A lista com os códigos dos países está disponível no Anexo I.

<sup>6</sup> 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](http://www.inpi.gov.br).



**Gráfico 1:** Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2011 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 50 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.

B01J23 - Catalisadores compreendendo metais ou óxidos ou hidróxidos de metais não incluídos no grupo B01J 21/00.

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

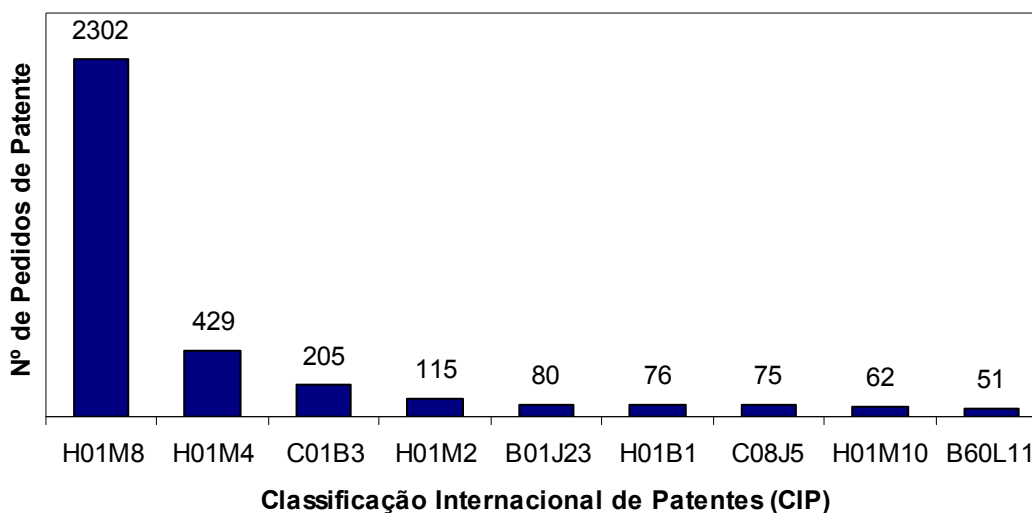
C08J5 - Manufatura de artigos ou de materiais modelados contendo substâncias macromoleculares.

H01M10 - Células secundárias; Sua fabricação

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

Cotejando o resultado obtido das classificações nos Alertas já publicados, disponíveis para consulta em <http://www.inpi.gov.br/index.php/quem-somos/noticias/notas/403-alerta-tecnologico> observa-se que as 3 primeiras classificações identificadas acima são exatamente as mesmas, nesta ordem, encontradas nos trabalhos realizados anteriormente.

**Gráfico 2:** Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2011 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 2º semestre de 2011, estando relacionados os que aparecem em 15 ou mais pedidos. A primeira coluna

contém os nomes dos depositantes e a segunda, o total de documentos recuperados no período para cada empresa.

Desta tabela observa-se que das 24 empresas com maior número de pedidos depositados a maior parte é japonesa, dado 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 já publicados, disponíveis para consulta em <http://www.inpi.gov.br/index.php/quem-somos/noticias/notas/403-alerta-tecnologico>, observa-se que as 4 empresas com competência no setor automobilístico detem um número expressivo de documentos, o que reflete a importância conferida à pesquisa para esta aplicação.

**Tabela 1:** Relação dos principais depositantes e do nº de pedidos de patente publicados no 2º semestre de 2011

<b>Depositante</b>	<b>Total de Documentos</b>
TOYOTA MOTOR CORP LTD [JP]	164
HONDA MOTOR CO LTD [JP]	126
GM GLOBAL TECH OPERATIONS INC [US]	71
TOYOTA MOTOR CO LTD [JP]	59
JX NIPPON OIL & ENERGY CORP [JP]	58
PANASONIC CORP [US]	46
DAIMLER AG [DE]	36
PANASONIC CORP [JP]	34
SAMSUNG SDI CO LTD [KR]	34
OSAKA GAS CO LTD [JP]	33
KYOCERA CORP [JP]	30
ENEOS CELLTECH CO LTD [JP]	28
KANSAI ELECTRIC POWER CO [JP]	27
SAMSUNG ELECTRONICS CO LTD [KR]	27
UTC POWER CORP [US]	24
TOTO LTD [JP]	20
TOSHIBA CORP [JP]	19
TOPPAN PRINTING CO LTD [JP]	19
SONY CORP [JP]	19
MITSUBISHI MATERIALS CORP [JP]	17
SUMITOMO ELECTRIC INDUSTRIES [JP]	16
YOUNG GREEN ENERGY CO [TW]	16
COMMISSARIAT ENERGIE ATOMIQUE [FR]	15
DAINIPPON PRINTING CO LTD [JP]	15

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. Os pedidos de patente cujos nomes dos depositantes não foram indexados na base consultada não foram incluídos nesta tabela e podem ser consultados no Anexo II.

**Tabela 2:** Dados bibliográficos dos pedidos de patente sobre tecnologias relativas a células a combustível publicados no mundo no 2º semestre de 2011

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AT522000T T 20110915	3M INNOVATIVE PROPERTIES CO [US]	US20020143273 20020510; WO2003US08860 20030321	H01M8/10; B05D5/12; H01M8/00; H01M8/02	BRENNSTOFFZELLENMEMBRANELEKTRODE NANORDNUNG MIT DICHTFLÄCHEN
AT535034T T 20111215	3M INNOVATIVE PROPERTIES CO [US]	US20030699454 20031031; WO2004US35215 20041025	H01M8/02; B23P19/00; H01M2/00; H01M2/02; H01M2/14; H01M6/00; H01M8/00; H01M8/10; H01M8/24	REGISTRATIONSANORDNUNG FÜR BRENNSTOFFZELLEN- BAUGRUPPEN
US2011232871 A1 20110929	3M INNOVATIVE PROPERTIES CO [US]	US20100732688 20100326	F28D15/00; B23K31/02; C07C49/16; H01M8/04; H01M10/50	FLUOROETHER DIKETONES FOR HIGH TEMPERATURE HEAT TRANSFER
WO2011139705 A1 20111110	3M INNOVATIVE PROPERTIES CO [US]; DEBE MARK K [US]; SMITHSON ROBERT L W [US]; STUDINER CHARLES J IV [US]; HENDRICKS SUSAN M [US]; KURKOWSKI MICHAEL J [US]; STEINBACH ANDREW J L [US]	US20100328064P 20100426	H01M4/92; B01J37/34; H01M4/86; H01M4/88	ANNEALED NANOSTRUCTURED THIN FILM CATALYST
WO2011129967 A2 20111020	3M INNOVATIVE PROPERTIES CO [US]; HAMROCK STEVEN J [US]; SCHABERG MARK S [US]	US20100325062P 20100416	C07C315/04; C07C317/04; C08G75/20; C08J5/22; H01M8/10	PROTON CONDUCTING MATERIALS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011139678 A1 20111110	3M INNOVATIVE PROPERTIES CO [US]; STEINBACH ANDREW J L [US]; DEBE MARK K [US]; HAUG ANDREW T [US]	US20100328058P 20100426	H01M8/02; H01M8/04	FUEL CELL WATER MANAGEMENT VIA REDUCED ANODE REACTANT PRESSURE
WO2011149732 A2 20111201	3M INNOVATIVE PROPERTIES CO [US]; YANDRASITS MICHAEL A [US]; LEE JI-HWA [KR]; YI YOUNGDON [KR]; PIERPONT DANIEL M [US]; HAMROCK STEVEN J [US]; SCHONEWILL MARK A [US]	US20100348086P 20100525	H01M8/10	REINFORCED ELECTROLYTE MEMBRANE
US2011177420 A1 20110721	4D POWER LLC [US]	US20100695839 20100128; US20100688228 20100115	H01M8/24	FUEL CELL STACK SYSTEM HAVING MULTIPLE SUB-STACKS THAT ARE REPLACEABLE ONLINE
US2011177422 A1 20110721	4D POWER LLC [US]	US20100688200 20100115	H01M8/10; H01M2/00	REACTION MECHANISMS IN A FUEL CELL DEVICE
WO2011107795 A2 20110909	ACAL ENERGY LTD [GB]; LONGMAN ROBERT [GB]; CLARKSON BRIAN [GB]	GB20100003466 20100302; GB20100016005 20100923	B01F3/04; C02F3/20; C12M1/04; E21B43/16; H01M8/18	BUBBLES GENERATION DEVICE AND METHOD
WO2011148198 A1 20111201	ACAL ENERGY LTD [GB]; MYERS DAVID JOHN BRYAN [GB]	GB20100008979 20100528	H01M8/18; H01M8/02; H01M8/20	FUEL CELLS
KR101058053B B1 20110819	ACOD INC [KR]	KR20110058472 20110616	H01M8/06; C01B3/36; F28F3/02; F28F13/06	HEAT EXCHANGER FOR FUEL CELL
US2011189572 A1 20110804	ADAPTIVE MATERIALS INC [US]	US20100698033 20100201	H01M8/04	FUEL CELL SYSTEM WITH FLAME PROTECTION MEMBER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2011189578 A1 20110804	ADAPTIVE MATERIALS INC [US]	US20100698035 20100201	H01M8/04; H01M8/24	FUEL CELL SYSTEM INCLUDING A RESILIENT MANIFOLD INTERCONNECTING MEMBER
US2011189587 A1 20110804	ADAPTIVE MATERIALS INC [US]	US20100698031 20100201	H01M8/10	Interconnect Member for Fuel Cell
US2011195333 A1 20110811	ADAPTIVE MATERIALS INC [US]	US20100701758 20100208	H01M8/24	FUEL CELL STACK INCLUDING INTERNAL REFORMING AND ELECTROCHEMICALLY ACTIVE SEGEMENTS CONNECTED IN SERIES
US2011195334 A1 20110811	ADAPTIVE MATERIALS INC [US]	US20100701767 20100208	H01M2/08; H01M8/10	FUEL CELL STACK INCLUDING INTERCONNECTED FUEL CELL TUBES
US2011207013 A1 20110825	ADAPTIVE MATERIALS INC [US]	US201113031449 20110221; US20100306525P 20100221	H01M8/04; H01M8/24	MULTIPLE FLOW STREAM SENSOR
WO2011097558 A2 20110811	ADAPTIVE MATERIALS INC [US]; CRUMM AARON T [US]; LABRECHE TIMOTHY [US]	US20100701733 20100208	H01M8/12; B01D61/00; C01B3/02; H01M8/04; H01M8/06	SOLID OXIDE FUEL CELL SYSTEM INCLUDING A WATER BASED FUEL REFORMER
WO2011095815 A1 20110811	AFC ENERGY PLC [GB]; BACKSTROM ANDREAS KARL [GB]	GB20100001972 20100208	H01M8/24	CELL STACK SYSTEM
WO2011141727 A1 20111117	AFC ENERGY PLC [GB]; THOMAS MARTIN [GB]	GB20100007858 20100511	H01M8/08; H01M8/24	FUEL CELL STACKS
WO2011087459 A1 20110721	AGENCY SCIENCE TECH & RES [SG]; ZHANG XINHUI [SG]; HONG LIANG [SG]; LIU ZHAOLIN [SG]; TAY SIOK WEI [SG]	US20100295080P 20100114	H01M8/00; B01J39/18; B01J41/12; B01J47/12; C08J5/22; C08J9/36; H01M2/16; H01M8/02	METHOD OF FORMING A POLYMER ELECTROLYTE MEMBRANE



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011153040 A 20110811	AIENJI KK	JP20100015042 20100127	C01B3/38	GAS CIRCULATION TYPE HYDROGEN PRODUCTION APPARATUS
AT518269T T 20110815	AIR LIQUIDE [FR]	FR20000014654 20001114; WO2001FR03360 20011029	H01M8/04; H01M8/10	VERFAHREN UND VORRICHTUNG ZUR SPÜLUNG VON DEM WASSER INNERHALB EINES BRENNSTOFFZELLE-WASSERSTOFFKREISLAUFES
EP2372824 A1 20111005	AIR LIQUIDE [FR]	FR20100052354 20100330	H01M8/02	Fuel cell plate and corresponding cell and fuel cell
FR2956522 A1 20110819	AIR LIQUIDE [FR]	FR20100051070 20100216	H01M2/12; H01M8/04	Fuel cell plate e.g. monopolar plate, assembly, has plates integrated with common frame that is provided with folding line for folding frame to stack two of plates to form part of fuel cell
FR2960704 A1 20111202	AIR LIQUIDE [FR]	FR20100054052 20100527	H01M2/12; H01M8/04	Plate i.e. cathodic plate, for proton-exchange membrane type fuel cell, has reactive face transmitting fuel gas towards electrode assembly, and gas supply channel comprising downstream portion that is realized by one of openings in edges
FR2961957 A1 20111230	AIR LIQUIDE [FR]	FR20100055040 20100624	H01M2/10; H01M8/02	Fuel cell e.g. proton exchange membrane type fuel cell, has boss made of current insulating material, located between clamp plate and current collecting plate and arranged in direct contact with current collecting plate
US2011268651 A1 20111103	AIR PROD & CHEM [US]	US20100772860 20100503	C01B3/02; B01J19/00; H01M8/06	METHOD AND APPARATUS FOR STORING AND DELIVERING HYDROGEN
JP2011243327 A 20111201	AIR WATER INC; KURIMOTO LTD	JP20100112415 20100514	H01M8/02; C21D1/06; C21D1/76; C23C8/08; C23C8/22; H01M8/10	MANUFACTURING METHOD OF SEPARATOR AND SOLID POLYMER FUEL CELL USING SEPARATOR MANUFACTURED BY MANUFACTURING METHOD THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102010005400 A1 20110728	AIRBUS OPERATIONS GMBH [DE]	DE201010005400 20100122	H01M8/04	Vorrichtung und Verfahren zum Regeln der Luftfeuchte einer Brennstoffzelle
DE102010011416 A1 20110915	AIRBUS OPERATIONS GMBH [DE]	DE201010011416 20100315	H02J4/00; B64D41/00; H01M8/00; H02J1/00; H02J3/38	Energieregelvorrichtung zum Regeln hybrider Energiequellen für ein Flugzeug
US2011198439 A1 20110818	AIRBUS OPERATIONS GMBH [DE]	US200913002903 20090706; DE200810031933 20080707; US20080134181P 20080707; WO2009EP58487 20090706	B64C25/50; H01M8/00; H01M8/08	WHEEL DRIVE SYSTEM FOR AN AIRCRAFT COMPRISING A FUEL CELL AS AN ENERGY SOURCE
JP2011256070 A 20111222	AISAN IND; ELECTRA HOLDINGS CO LTD	JP20100131735 20100609	C01B3/08	HYDROGEN GENERATOR
CA2743130 A1 20111215	AISIN SEIKI [JP]	JP20100136092 20100615	F24F13/24; E04B1/82; E04H5/02; F24F7/013; H01M8/04	OUTDOOR POWER GENERATING APPARATUS
CA2743183 A1 20111216	AISIN SEIKI [JP]	JP20100137052 20100616	F24F13/22; E04H5/02; F24F7/00; F24F13/24; H01M8/04	OUTDOOR POWER GENERATING APPARATUS
JP2011132974 A 20110707	AISIN SEIKI [JP]	JP20090290501 20091222	F16K1/36; F16J15/16; F16K1/00; H01M8/04	GAS CUTOFF VALVE FOR FUEL CELL

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JP2011210676 A 20111020	AISIN SEIKI [JP]	JP20100079423 20100330	H01M8/04; F16K31/126	FUEL CELL SYSTEM
JP2011219343 A 20111104	AISIN SEIKI [JP]	JP20100072610 20100326; JP20100288385 20101224	C01B31/02; H01G9/058; H01M4/86	CARBON NANOTUBE COMPOSITE AND METHOD FOR PRODUCING SAME
JP2011228014 A 20111110	AISIN SEIKI [JP]	JP20100094095 20100415	H01M4/86; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID MACROMOLECULAR FUEL CELLS
JP2011249151 A 20111208	AISIN SEIKI [JP]	JP20100121297 20100527	H01M8/04	FUEL CELL SYSTEM
JP2011249010 A 20111208	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100117518 20100521	H01M8/24; H01M8/04	FUEL CELL STACK DEVICE
JP2011253656 A 20111215	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100125499 20100601	H01M8/02; H01M8/10	FUEL BATTERY
PL390756 A1 20110926	AKAD GORNICZO HUTNICZA [PL]	PL20100390756 20100318	H01M4/86; H01M8/00	Method for manufacturing anode material for SOFC type fuel cells
BRPI0711485 A2 20111220	ALAN DEVOE [US]; DEVOE LAMBERT [US]	US20060747013P 20060511; US20060557894 20061108; US20060557901 20061108; US20060557934 20061108; WO2007US68736 20070511	H01M8/24	dispositivos e sistemas de célula de combustível de óxido sólido e respectivos métodos de uso
WO2011107279 A1 20110909	AMMINEX AS [DK]; CHAKRABORTY DEBASISH [DK]; PETERSEN HENRIK NYBO [DK]; JOHANNESSEN TUE [DK]	US20100309542P 20100302	H01M8/06; B01J19/24	APPARATUS FOR GENERATING HYDROGEN FROM AMMONIA STORED IN SOLID MATERIALS AND INTEGRATION THEREOF INTO LOW TEMPERATURE FUEL CELLS

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US2011244342 A1 20111006	AN SEONG-JIN [KR]; LEE CHI-SEUNG [KR]; LEE JIN-HWA [KR]	US20100954589 20101124; US20100321398P 20100406; US20100323280P 20100412	H01M8/06	FUEL CELL SYSTEM
KR20110130640 A 20111206	ANCI CO LTD [KR]	KR20100050069 20100528	H01M8/02; C08J5/22; C23C30/00	POLYMER COMPOSITE COMPRISING PLATED CARBON FIBER FOR MANUFACTURING BIPOLAR PLATE OF FUEL CELL
US2011165495 A1 20110707	ANGSTROM POWER INC [CA]	US20100980130 20101228; US20090290450P 20091228	H01M8/10; B05D5/12; H01M2/22	APPARATUS AND METHODS FOR CONNECTING FUEL CELLS TO AN EXTERNAL CIRCUIT
WO2011079378 A1 20110707	ANGSTROM POWER INC [CA]; HOU GUOYAN [CA]; SCHROOTEN JEREMY [CA]; MCLEAN GERARD F [CA]; SAWADA JAMES ALEXANDER [CA]; WANG TAO [CA]	US20090290444P 20091228	H01M8/02; H01M4/86	PERFORMANCE ENHANCING LAYERS FOR FUEL CELLS
US2011236785 A1 20110929	ANGSTROM POWER INC [CA]; SANYO ELECTRIC CO [JP]	US20100731686 20100325	H01M8/10; H01M8/00	FUEL CELL LAYER, FUEL CELL SYSTEM AND METHOD FOR FABRICATING THE FUEL CELL LAYER
WO2011079377 A1 20110707	ANGSTROM POWER INC [CA]; SCHROOTEN JEREMY [CA]; SOBEJKO PAUL [CA]; MCLEAN GERARD F [CA]	US20090290448P 20091228	H01M8/02	FUEL CELLS AND FUEL CELL COMPONENTS HAVING ASYMMETRIC ARCHITECTURE AND METHODS THEREOF
WO2011127608 A1 20111020	ANGSTROM POWER INC [CA]; ZIMMERMANN JOERG [CA]	US20100325143P 20100416	F16K17/02; F16K31/126; F17C3/04; G05D16/00; H01M8/04	PRESSURE REGULATOR ASSEMBLY

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AT519245T T 20110815	ANSALDO FUEL CELLS S P A [IT]	WO2004EP04779 20040505	H01M8/14; H01M8/04; H01M8/06; H01M8/24	DIFFERENZDRUCK-STEUERVERFAHREN FÜR MOLTEN- CARBONAT- BRENNSTOFFZELLEN- STROMANLAGEN
US2011256463 A1 20111020	APPLE INC [US]	US20100761284 20100415	H01M8/10; H01M8/00; H01M8/24	PARALLEL FUEL CELL STACK ARCHITECTURE
US2011256465 A1 20111020	APPLE INC [US]	US20100759933 20100414	H01M8/24; B23K31/02; H01M4/64	REDUCED-WEIGHT FUEL CELL PLATE
US2011311895 A1 20111222	APPLE INC [US]	US20100849558 20100803; US20100355393P 20100616	H01M8/04	FUEL CELL SYSTEM TO POWER A PORTABLE COMPUTING DEVICE
US2011313589 A1 20111222	APPLE INC [US]	US201113096877 20110428; US20100849558 20100803; US20100355393P 20100616	H01M8/04; G05D29/00	FUEL CELL SYSTEM COUPLED TO A PORTABLE COMPUTING DEVICE
WO2011126908 A2 20111013	APPLIED MATERIALS INC [US]; GORDON JOSEPH GROVER II [US]; GOTCHER ALAN J [US]; SIKHA GODFREY [US]; WILSON GREGORY J [US]	US20100322780P 20100409; US20100319248P 20100330	H01M8/18; H01M8/04	HIGH PERFORMANCE FLOW BATTERY
JP2011222194 A 20111104	AQUAFAIRY KK	JP20100087984 20100406	H01M8/04	FUEL CELL SYSTEM
JP2011249161 A 20111208	AQUAFAIRY KK	JP20100121733 20100527	H01M8/06; C25B9/00; H01M8/00	POWER GENERATOR
US2011294034 A1 20111201	ARIMURA TOMOAKI [JP]	JP20100120882 20100526	H01M8/04	Direct Methanol Fuel Cell

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US2011223508 A1 20110915	ARNOLD PHILIP MARK [US]	US201113046753 20110313; US20100313768P 20100314	H01M8/24; H01M8/10	PROTON EXCHANGE MEMBRANE (PEM) FUEL CELL
JP2011212547 A 20111027	ASAHI CHEMICAL CORP	JP20100081700 20100331	B01D69/00; B01D19/00; B01D61/00; B01D69/10; B01D69/12; C25D11/04; H01M8/02; H01M8/04; H01M8/06	GAS-LIQUID SEPARATION MEMBRANE, GAS- LIQUID SEPARATION MEMBRANE MODULE, FUEL CELL AND GAS DISCHARGING METHOD
AT517444T T 20110815	ASAHI CHEMICAL IND [JP]	JP20000160089 20000530; WO2001JP04494 20010529	H01M2/16; H01M8/02; H01M10/36; H01M12/08	SEPARATOR FÜR METALL-HALOGEN-ZELLE
US2011305971 A1 20111215	ASAHI GLASS CO LTD [JP]	US201113214273 20110822; JP20000395511 20001226; US20070671665 20070206; US20010025763 20011226	H01M8/10; B01D71/32; B01D71/44; B01D71/72; C08F216/14; C08F228/02; C08J5/22; C08L65/00; H01B1/12; H01M6/18	SOLID POLYMER ELECTROLYTE MATERIAL, LIQUID COMPOSITION, SOLID POLYMER FUEL CELL AND FLUOROPOLYMER
WO2011114949 A1 20110922	ASAHI GLASS CO LTD [JP]; TANUMA TOSHIHIRO [JP]	JP20100064373 20100319	H01M4/86; H01M4/88; H01M4/96; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL, AND METHOD FOR PRODUCING CATHODE FOR SOLID POLYMER FUEL CELL

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WO2011136186 A1 20111103	ASAHI GLASS CO LTD [JP]; YOSHITAKE MASARU [JP]; AMINO YOSUKE [JP]; KAWAMOTO MASAKO [JP]; TAKENAKA ATSUYOSHI [JP]	JP20100101279 20100426	H01M4/86; H01M4/88; H01M4/92; H01M4/96	ELECTRODE MATERIAL
JP2011243494 A 20111201	ASAHI KASEI E MATERIALS CORP	JP20100116385 20100520	H01B13/00; B32B7/02; B32B27/30; H01B1/06; H01M8/02; H01M8/10	HIGH POLYMER ELECTROLYTE LAMINATE FILM
WO2011158822 A1 20111222	ASAHI RUBBER INC [JP]; NEMOTO MASASHI [JP]; HASHIMOTO TETSUYA [JP]; YAMASHITA TAKEO [JP]	JP20100137500 20100616	F16K17/14	EXCESS PRESSURE RELEASE VALVE AND EXCESS PRESSURE RELEASE UNIT
AT521100T T 20110915	ASIA PACIFIC FUEL CELL TECH [TW]	CN20031009391 20030408	H01M8/04	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG EINER BRENNSTOFFZELLENANLAGE
US2011177410 A1 20110721	ASSINK GERRIT JAN BAREND [NL]; KRAMER GERT JAN [NL]; NIJMEIJER ARIAN [NL]; VAN SINT ANNALAND MARTIN [NL]	EP20060116419 20060630; WO2007EP56453 20070628	H01M8/06; B01J8/02; C01B31/20	PROCESS AND REACTOR FOR THE PRODUCTION OF HYDROGEN AND CARBON DIOXIDE AND A FUEL CELL SYSTEM
AU2011244954 A1 20111124	ATI PROPERTIES INC [US]	AU20110244954 20111103	H01M8/02	Interconnects for solid oxide fuel cells and ferritic stainless steels adapted for use with solid oxide fuel cells
US2011229803 A1 20110922	ATI PROPERTIES INC [US]	US201113150372 20110601; US20050169105 20050628; US20050690671P 20050615	H01M8/00; C25F3/16	INTERCONNECTS FOR SOLID OXIDE FUEL CELLS AND FERRITIC STAINLESS STEELS ADAPTED FOR USE WITH SOLID OXIDE FUEL CELLS

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US2011171546 A1 20110714	ATOMIC ENERGY COUNCIL [TW]	US20100685297 20100111	H01M8/04	Solid Oxide Fuel Cell System
US2011177408 A1 20110721	ATOMIC ENERGY COUNCIL [TW]	US20100689739 20100119	H01M8/18; G01N27/416; G06F19/00	Environmentally Friendly, Energy-Economic System for Testing Fuel Cell Stacks
US2011177409 A1 20110721	ATOMIC ENERGY COUNCIL [TW]	US20100689752 20100119	H01M8/18	Fuel Cell System
WO2011125377 A1 20111013	ATSUMITEC KK [JP]; UCHIYAMA NAOKI [JP]; UCHIYAMA YASUYUKI [JP]; NAKABAYASHI SEIGOU [JP]	JP20100088647 20100407	H01M8/02; H01M8/00	ELECTRICITY-GENERATION DEVICE
WO2011125378 A1 20111013	ATSUMITEC KK [JP]; UCHIYAMA NAOKI [JP]; UCHIYAMA YASUYUKI [JP]; NAKABAYASHI SEIGOU [JP]	JP20100088648 20100407	H01M8/02	ELECTRICITY-GENERATION DEVICE
KR20110083407 A 20110720	AUTOEN CO LTD [KR]	KR20100003618 20100114	H01M8/04; B32B37/00	STACKING APPARATUS FOR FUEL CELL
WO2011085052 A2 20110714	AVERY DENNISON CORP [US]; JANOUSEK PAUL [US]; YANES ALFREDO [US]	US20100293016P 20100107	H01M10/48	APPARATUS AND METHODS FOR DETERMINING POTENTIAL ENERGY STORED IN AN ELECTROCHEMICAL CELL
US2011269036 A1 20111103	AVIS THOMAS BRUCE [US]; SAITO KAZUO [US]; LINES MICHAEL T [US]; BROWN RICARDO O [US]	WO2009US31476 20090121; WO2009US49045 20090629; US200913143568 20090629	H01M8/06; F28D1/04	ACID DILUTION DEVICE IN CONDENSER OF PHOSPHORIC ACID FUEL CELL
WO2011103188 A2 20110825	BAHAR BAMDAD [US]; XERGY INC [US]	US20100347428P 20100523; US20100771620 20100430; US20100305410P 20100217	F25B21/00; C25B9/00; F04B37/00; H01M8/04	ELECTROCHEMICAL HEAT TRANSFER SYSTEM



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US2011189557 A1 20110804	BARRON BRIAN HUGHES [US]	US20080808652 20081208; US20070014663P 20071218; WO2008US85888 20081208	H01M8/06; F02B43/00; F02C3/28	AERO-THERMAL ENERGY TECHNOLOGY PLATFORM USING RECYCLED ENERGY WITH ENDOTHERMIC DECOMPOSITION
AT521409T T 20110915	BASF FUEL CELL GMBH [DE]	US20040561207P 20040409; WO2005EP03679 20050407	B01J23/42; B01J21/18; B01J37/02; B01J37/16; H01M4/86; H01M4/88; H01M4/92; H01M8/10	HERSTELLUNGSVERFAHREN VON PLATINKATALYSATOREN DURCH REDUKTION VON IN SITU GEBILDETEM PLATINDIOXID
JP2011138782 A 20110714	BASF FUEL CELL GMBH [DE]	DE20021009685 20020306; DE20021010499 20020311	C08F2/44; H01B13/00; C08F228/02; C08F230/02; C08F291/00; C08J5/22; C08J7/18; H01B1/06; H01M8/02; H01M8/04; H01M8/10	FORMING METHOD OF PROTON CONDUCTIVE POLYMER MEMBRANE

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JP2011190445 A 20110929	BASF FUEL CELL GMBH [DE]	DE20031031365 20030711	C08J5/18; B01D67/00; B01D69/00; B01D69/14; B01D71/62; C08G61/12; C08G73/06; C08K3/00; C08L79/04; H01G9/02; H01M8/02; H01M8/10; H05K1/03	ASYMMETRIC POLYMER FILM, METHOD FOR MANUFACTURING THE SAME, AND USE THEREOF
US2011183232 A1 20110728	BASF FUEL CELL GMBH [DE]	US20070442546 20070925; EP20060020369 20060928; US20060827315P 20060928; WO2007EP08298 20070925	H01M8/10; H01M4/86; H01M4/92; H01M4/96	STRUCTURES FOR GAS DIFFUSION ELECTRODES
KR20110112322 A 20111012	BASF SE [DE]	EP20080171997 20081217	B01D53/02; B01J20/02; H01M8/04	METHOD FOR REMOVING CONTAMINANTS FROM GAS FLOWS CONTAINING WATER
US2011217620 A1 20110908	BASF SE [DE]	US201113039834 20110303; US20100310720P 20100305	H01M8/10; B05D3/12; B05D5/12; C08L27/22; C08L79/04	POLYMER MEMBRANES, PROCESSES FOR PRODUCTION THEREOF AND USE THEREOF

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US2011262835 A1 20111027	BASF SE [DE]	US201113091341 20110421; US20100326672P 20100422	H01M8/10; H01M8/00	POLYMER ELECTROLYTE MEMBRANE BASED ON POLYAZOLE
US2011311888 A1 20111222	BASF SE [DE]	US201113165117 20110621; US20100357127P 20100622	H01M8/22	ELECTRODES AND PRODUCTION AND USE THEREOF
US2011311901 A1 20111222	BASF SE [DE]	US201113115594 20110525; US20100349912P 20100531	H01M8/10; C08G73/06; C08J5/22; H01M8/00	MECHANICALLY STABILIZED POLYAZOLES
WO2011107967 A2 20110909	BASF SE [DE]; BASF CHINA CO LTD [CN]; BRAEUNINGER SIGMAR [DE]; URBAN WERNER [DE]	EP20100155581 20100305	H01M8/02	IMPROVED POLYMER MEMBRANES, PROCESSES FOR PRODUCTION THEREOF AND USE THEREOF
WO2011151775 A1 20111208	BASF SE [DE]; BASF CHINA CO LTD [CN]; FLEISCHHAKER FRIEDERIKE [DE]; CRISTADORO ANNA [DE]; BELACK JOERG [DE]; GRONWALD OLIVER [DE]; LOPEZ VILLANUEVA FRANCISCO JAVIER [DE]; BRUCHMANN BERND [DE]	US20100349912P 20100531; EP20100164510 20100531	C08J5/22; B01D71/62; H01M8/10	MECHANICALLY STABILIZED POLYAZOLES
WO2011132152 A1 20111027	BASF SE [DE]; BASF CHINA CO LTD [CN]; UENSAL OEMER [DE]; BRAEUNINGER SIGMAR [DE]; BELACK JOERG [DE]; GRONWALD OLIVER [DE]	EP20100160694 20100422	H01M8/02; B01D69/00; C08J5/22	IMPROVED POLYMER ELECTROLYTE MEMBRANE BASED ON POLYAZOLE

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WO2011161072 A1 20111229	BASF SE [DE]; UEHLER CHRISTOPH [DE]; BENDER DIETMAR [DE]; HUBER GUENTHER [DE]; FISCHER ANDREAS [DE]; SCHUBE BERND [DE]; ATHERTON GLYN [GB]; STACKPOOL FRANCIS [GB]; DUSTMANN CORD-HEINRICH [CH]	EP20100166807 20100622	H01M2/02; H01M2/10; H01M2/26; H01M8/18; H01M10/058; H01M10/39; H01M10/42	IMPROVED TECHNICAL APPARATUS FOR THE LARGE-SCALE STORAGE OF ELECTRICAL ENERGY
AT524851T T 20110915	BATHIUM CANADA INC [CA]	US20030630677 20030731; WO2004CA01088 20040723	H01M10/50; H01M2/00; H01M2/22; H01M8/04; H01M8/10; H01M10/0525; H01M10/0565; H01M10/36	POLYMER-BATTERIEN MIT THERMOAUSTAUSCH-VORRICHTUNG
AT537575T T 20111215	BATTELLE MEMORIAL INSTITUTE [US]	WO2004US21385 20040702	H01M8/02; H01M8/12; H01M8/24	FESTOXID-BRENNSTOFFZELLENRAHMEN UND HERSTELLUNGSVERFAHREN
WO2011119243 A1 20110929	BATTELLE MEMORIAL INSTITUTE [US]; MEINHARDT KERRY D [US]; KIRBY BRENT W [US]	US20100729096 20100322	C03C8/24; C03B9/00; C03B19/08; C03C11/00; H01M8/02	GLASS COMPOSITION AND PROCESS FOR SEALING VOID SPACES IN ELECTROCHEMICAL DEVICES
WO2011112520 A1 20110915	BDF IP HOLDINGS LTD [CA]; BALLARD MATERIAL PRODUCTS INC [US]; GLANDT JEFFREY DEAN [CA]; MOSS BEVAN HOSKYN [CA]; MACKAY DANIEL BRENT [CA]	US20100311450P 20100308	H01M8/02; H01M8/04; H01M8/10	FLOW FIELD PLATE FOR ELECTROCHEMICAL FUEL CELLS

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CN102225743 A 20111026	BEIJING GREEN HOUSE ENVIRONMENT ENERGY TECHNOLOGY LTD	CN20111115944 20110505	C01B3/08; H01M8/06	Dynamic self-balance gas generating device and its application method
CN102244283 A 20111116	BEIJING JONTON HYDROGEN TECH CO LTD	CN20111126307 20110517	H01M8/06; H01M8/04	Membrane electrolysis hydrogen self-supply proton exchange membrane fuel cell power generation system and method
CN102120836 A 20110713	BEIJING PRUDENT ENERGY TECHNOLOGY CO LTD	CN20101000164 20100107	C08L23/06; C08K3/04; C08K7/00; C08K7/06; C08L23/12; C08L23/20; C08L25/06; C08L27/06; C08L27/12; C08L33/08; C08L33/12; C08L59/00; C08L69/00; C08L71/12; C08L77/00; C08L81/02; C08L81/06; H01B1/24; H01M4/00; H01M4/86; H01M4/88; H01M8/02	Elastomer plastic, conductive plastic, conductive plastic bipolar plate and preparation methods thereof
CN102201588 A 20110928	BEIJING WANRUI XUNTONG TECHNOLOGY CO LTD	CN20101530014 20101102	H01M8/06; B01D53/32	Device and method for treating tail gas of fuel cell

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CN201903578U U 20110720	BEN FAN	CN20102261805U 20100719	G01R19/25; G01R31/36; G08C19/00; H01M8/04	Novel extensible monolithic voltage detection system for fuel cells
AT534158T T 20111215	BIC SOC [FR]	US20040843638 20040511; WO2005US15706 20050504	H01M8/04; H01M8/00; H01M8/06; H01M8/10; H01M8/24	KASSETTE MIT BRENNSTOFFVERSORGUNG UND MEMBRANELEKTRODENBAUGRUPPENSTAP EL
JP2011151031 A 20110804	BIC SOC [FR]	US20030725235 20031201	H01M8/04; B01D15/00; B01D15/02; B01D24/00; B01D24/32; B01D27/02; B01D29/62; B01D33/17; B01D33/46; B01D39/00; C02F1/58; H01M8/00; H01M8/02; H01M8/10	FUEL CELL SYSTEM INCLUDING ION FILTER
KR20110120987 A 20111104	BIC SOC [FR]	US20030629004 20030729	F16K24/00; B67D99/00; F16K24/04; F16K24/06; H01M8/04	FUEL CARTRIDGE WITH FLEXIBLE LINER
MY143895 A 20110729	BIC SOC [FR]	US20030725236 20031201	G01F23/26; H01M8/04	FUEL GAUGE FOR FUEL CARTRIDGES

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WO2011116236 A2 20110922	BLACKLIGHT POWER INC [US]; MILLS RANDELL L [US]	US20100393719P 20101015; US20100332526P 20100507; US20100419590P 20101203; US20100358667P 20100625; US201061425105P 20101220; US20100377613P 20100827; US20100363090P 20100709; US20100317176P 20100324; US20100356348P 20100618; US20100383929P 20100917; US20	H01M8/22	ELECTROCHEMICAL HYDROGEN-CATALYST POWER SYSTEM
US2011183233 A1 20110728	BLOOM ENERGY CORP [US]	US201113009085 20110119; US20100298468P 20100126	H01M8/12	Phase Stable Doped Zirconia Electrolyte Compositions with Low Degradation
CN201900982U U 20110720	BOHAI UNIVERSITY	CN20102666374U 20101218	B60K6/32; H01M8/10	Transmission system of dimethyl ether hybrid electric vehicle
DE102010000816 A1 20110714	BOSCH GMBH ROBERT [DE]	DE201010000816 20100112	F01D5/28; F01D5/14; F04D29/28; H01M8/04	Drive system for car, has turbine wheel, compressor wheel, rotor, turbine control device and/or cabinet, compressor and/or fan provided with protective coating, and made of aluminum, magnesium, titanium, plastic or ceramic

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DE102010001005 A1 20110721	BOSCH GMBH ROBERT [DE]	DE201010001005 20100119	H01M8/12	Verfahren zur Herstellung einer SOFC Brennstoffzelle
DE102010001011 A1 20110721	BOSCH GMBH ROBERT [DE]	DE201010001011 20100119	H01M8/02	Verfahren zum Betrieb einer Kraft-Wärme-Kopplungsanlage
DE102010001221 A1 20110728	BOSCH GMBH ROBERT [DE]	DE201010001221 20100126	H01M8/04	Method for conditioning input material flow of fuel cell of fuel cell system in vehicle, involves driving turbine by starting material
DE102010001260 A1 20110728	BOSCH GMBH ROBERT [DE]	DE201010001260 20100127	H01M8/04	Brennstoffzellensystem mit verbesserter Brenngaszirkulation
DE102010001800 A1 20110811	BOSCH GMBH ROBERT [DE]	DE201010001800 20100211	H01M8/02; H01M8/10	Brennstoffzellensystem
DE102010001988 A1 20110818	BOSCH GMBH ROBERT [DE]	DE201010001988 20100216	H01M8/10; H01M8/02	Electrolyte-supported tubular solid oxide fuel cell manufacturing method, involves producing tubular electrolyte body using injection molding process by injecting electrolyte mass into cavity in fluent state
DE102010002372 A1 20110901	BOSCH GMBH ROBERT [DE]	DE201010002372 20100226	H01M8/12	Brennstoffzellensystem mit verbesserter Kontaktierung der Elektroden
DE102010030152 A1 20111222	BOSCH GMBH ROBERT [DE]	DE201010030152 20100616	H01M8/04	Method for ensuring supply of fuel to anode of fuel cell, involves increasing partial pressure of fuel at anode so that pressure at anode and cathode is equalized if supply of fuel to anode is insufficient due to accumulation of inert gas
NL2006281 A 20110825	BOSCH GMBH ROBERT [DE]	DE201010002276 20100224	H01M8/04	BRANDSTOFCELSYSTEEM MET EEN REFORMER IN EEN VERBETERDE INRICHTING.
US2011195327 A1 20110811	BOSCH GMBH ROBERT [DE]	DE201010001760 20100210	H01M8/06	ENERGY STORAGE AND POWER GENERATION SYSTEM
US2011200850 A1 20110818	BOSCH GMBH ROBERT [DE]	DE201010001966 20100216	H01M16/00; H01M8/04; H01M8/06; H01M12/06	HYBRID SYSTEM AND METHOD FOR SUPPLYING AIR TO A HYBRID SYSTEM



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TWI345330B B 20110711	BOSE CORP [US]	US20030394822 20030321	H01M8/00; H01M4/00; H01M8/04; H01M10/44	Chemoelectric generating
US2011269040 A1 20111103	BRADDEAN RADU P [CA]; HAAS HERWIG R [CA]; RICHARDS CHRISTOPHER J [CA]; ADAM DAVID D L [CA]	US201113095612 20110427; US20060374666 20060313; US20050661191P 20050311	H01M8/04	SHUTDOWN METHODS AND DESIGNS FOR FUEL CELL STACKS
WO2011141554 A1 20111117	BUNDESREP DEUTSCHLAND [DE]; STAHL R SCHALTGERAETE GMBH [DE]; HORN THOMAS [DE]; JOHANNESMEYER ULRICH [DE]; SCHIMMELE ANTON [DE]	DE201010016957 20100514	H01M8/04; H01M8/24	EXPLOSION-PROTECTED FUEL CELL
CN102237541 A 20111109	BYD CO LTD	CN20101160316 20100423	H01M8/18	Electrolytic solution for total Fe flow cells and single electrolyte total Fe flow cell
KR20110115202 A 20111021	BYUCKSAN ENGINEERING & AMP CONSTRUCTION CO LTD [KR]	KR20100034554 20100415	H01M8/06; B01D53/52; B01D53/72; C02F3/28	PURIFICATION SYSTEM OF BIOGAS FOR FUEL CELL AND PURIFICATION METHOD THEREOF
WO2011100361 A2 20110818	C3 INTERNATIONAL LLC [US]; UT BATTELLE LLC [US]; BUDARAGIN LEONID V [RU]; DEININGER MARK A [US]; POZVONKOV MICHAEL M [US]; SPEARS II D MORGAN [US]; FISHER PAUL D [US]; LUDTKA GERARD M [US]; PASTO ARVID E [US]	US20100303003P 20100210	H01M8/12; B82B3/00; H01B1/08; H01M8/02	LOW TEMPERATURE ELECTROLYTES FOR SOLID OXIDE CELLS HAVING HIGH IONIC CONDUCTIVITY

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AT531091T T 20111115	CABOT CORP [US]	US20030417417 20030416; WO2004US11971 20040416	H01M8/10; H01M4/86; H01M4/88; H01M8/04	VERFAHREN ZUR HERSTELLUNG VON MEMBRAN- ELEKTRODENBAUGRUPPEN ZUR VERWENDUNG IN EINER PROTONEN- AUSTAUSCH-MEMBRAN
US2011229782 A1 20110922	CANON KK [JP]	US201113118797 20110531; JP20060190489 20060711; JP20070129083 20070515; US20070822174 20070703	H01M8/04	ACTIVATION METHOD FOR FUEL CELL SYSTEM
US2011236800 A1 20110929	CANON KK [JP]	US201113153052 20110603; JP20050057996 20050302; US20060357047 20060221	H01M8/10	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
WO2011145470 A1 20111124	CANON KK [JP]; MIYAUCHI YOHEI [JP]; SATO NAOTAKE [JP]; HASHIMOTO YUICHI [JP]; KIKUCHI TOSHIHIRO [JP]; YOSHIMURA KIMIHIRO [JP]	JP20100117844 20100521	C08J9/28	POLYMER POROUS FILM AND METHOD OF PRODUCING THE SAME
CA2741811 A1 20111130	CARBONITUM ENERGY CORP [CA]	US20100349974P 20100531	H01M8/16	PHOTOELECTROMETHANOGENIC MICROBIAL FUEL CELL FOR CO- GENERATION OF ELECTRICITY AND METHANE FROM CARBON DIOXIDE
US2011212376 A1 20110901	CARNEY KENNETH [US]	US20100714575 20100301	H01M8/04; G01N27/26	AMPEROMETRIC SENSOR
JP2011151004 A 20110804	CASIO COMPUTER CO LTD	JP20100269906 20101203	H01M8/04; B01J19/00; C01B3/38; H01M8/06	HEAT INSULATING CONTAINER
JP2011155016 A 20110811	CASIO COMPUTER CO LTD	JP20110084131 20110406	H01M8/04	FUEL CARTRIDGE AND FUEL CELL SYSTEM

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JP2011159298 A 20110818	CASIO COMPUTER CO LTD	JP20110033326 20110218	G07F15/00; H01M8/04	FUEL SUPPLY DEVICE, ELECTRONIC EQUIPMENT, AND FUEL SUPPLY SYSTEM FOR THE SAME
JP2011204701 A 20111013	CASIO COMPUTER CO LTD	JP20110156545 20110715	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION DEVICE AND METHOD FOR TREATING FUEL
JP2011210733 A 20111020	CASIO COMPUTER CO LTD	JP20110124731 20110603	H01M8/04; B67D7/32	FUEL SUPPLY DEVICE, ELECTRONIC EQUIPMENT, AND FUEL SUPPLY SYSTEM CONSTITUTED OF THEM
US2011177413 A1 20110721	CELLTECH POWER LLC [US]	US201113075256 20110330; US20090625881 20091125; US20030627330 20030725; US20010837864 20010418; US20000197998P 20000418	H01M4/86; H01M8/04; H01M4/00; H01M4/38; H01M4/48; H01M4/50; H01M4/58; H01M4/90; H01M4/92; H01M8/00; H01M8/02; H01M8/10; H01M8/12; H01M8/24; H01M10/36; H01M12/06; H01M14/00; H01M16/00	ELECTROCHEMICAL DEVICE AND METHODS FOR ENERGY CONVERSION
WO2011102327 A1 20110825	CENTRAL GLASS CO LTD [JP]; SUZUKI KATSUTOSHI; OBARA YOSHIHIKO; TANAKA TORU; KOMORIYA HARUHIKO	JP20110025965 20110209; JP20100030779 20100216	H01M8/02; H01B1/06; H01M8/10	SOLID ELECTROLYTE FILM, AND METHOD FOR PRODUCING SAME

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WO2011089356 A1 20110728	CENTRE NAT RECH SCIENT [FR]; MANO NICOLAS [FR]; FLEXER VICTORIA [FR]; BRUN NICOLAS [FR]; BACKOV RENAL [FR]	FR20100050361 20100120	H01M4/86; H01M4/90; H01M8/16	ENZYMATIC MODIFICATIONS OF A CELLULAR MONOLITHIC CARBON AND USES THEREOF
WO2011127541 A1 20111020	CERAMIC FUEL CELLS LTD [AU]; KAH MICHAEL [AU]; BOLDEN ROGER [AU]	AU20100901603 20100415	H01M8/04; H01M8/12; H01M8/24	THERMAL MANAGEMENT IN A FUEL CELL STACK
US2011177427 A1 20110721	CERES IP CO LTD [GB]	US201113076761 20110331; GB20030008215 20030409; US20040552476 20040325; WO2004GB01293 20040325	C25B9/00; C04B35/50; C25B1/02; H01M8/10; H01M8/12	DENSIFICATION OF CERIA BASED ELECTROLYTES
WO2011161375 A1 20111229	CHAPEL CHANTAL [FR]; FLEURY JEAN-MARC [FR]; LASOU GAUTHIER [FR]; ALONSO PHILIPPE [FR]	FR20100055126 20100625	H01M10/08; H01M6/04; H01M8/08; H01M10/22; H01M10/26; H01M10/39	ELECTROLYSIS OR REVERSE ELECTROLYSIS DEVICE COMPRISING AN ELECTROLYTE CONSISTING OF AN ALKALI AND AN ALKALINE SILICATE

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US2011165482 A1 20110707	CHARTIER THIERRY [FR]; GUILLLOTIN FRANCOIS [FR]	US201113048814 20110315; FR20000015919 20001207; US20070675336 20070215; US20030433042 20030922; WO2001FR03716 20011126	B01D53/22; H01M8/10; B01D53/32; B01D71/02; C04B35/64; C04B38/00; C04B38/06; C07C1/00; G01N27/26; H01B1/00; H01B1/06; H01B1/08; H01M4/88; H01M8/02; H01M8/06	Method for preparing a thin ceramic material with controlled surface porosity gradient, and resulting ceramic material
KR20110082853 A 20110720	CHEIL IND INC [KR]	KR20100002762 20100112	C08L33/10; C08J5/22; C08L65/00; H01M8/10	POLYMER MEMBRANE COMPOSITION FOR FUEL CELL, AND POLYMER MEMBRANES, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME
KR20110115761 A 20111024	CHEIL IND INC [KR]	KR20100035266 20100416	H01M4/86; H01M8/10	CATALYST SLURRY COMPOSITION FOR FUEL CELL ELECTRODE, CATALYTIC LAYER FOR FUEL CELL ELECTRODE USING THE SAME, METHOD FOR PREPARING THEREOF AND MEMBRANE-ELECTRODE ASSEMBLY
US2011177234 A1 20110721	CHEN FANGLIN [US]; YANG CHENGHAO [US]; JIN CHAO [US]	US201113008081 20110118; US20100336105P 20100115	H01M8/00; B05D5/12	Method to Fabricate High Performance Tubular Solid Oxide Fuel Cells
CN102227029 A 20111026	CHENGBI ZHOU	CN20111134873 20110524	H01M8/18	High-concentration vanadium electrolyte and preparation method thereof
CN102244285 A 20111116	CHENGBI ZHOU	CN20111134905 20110524	H01M8/18	High concentration zinc and vanadium redox cell

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CN102255096 A 20111123	CHENGDU INST BIOLOGY CAS	CN20101178672 20100521	H01M8/16; H01M4/90	Microbial fuel cell and preparation method thereof
CN202013918U U 20111019	CHINA FIRST AUTOMOBILE WORKS; FAW CAR LTD COMPANY	CN20102582164U 20101029; CN20112078715U 20110323	H01M8/04	Compensative water tank for pentium fuel cell car
CN102170009 A 20110831	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20111077127 20110329	H01M8/24; H01M2/26; H01M8/02; H01M8/10	Solid oxide direct carbon fuel cell stack of tablet bubbling bed
CN102185149 A 20110914	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20111082088 20110401	H01M8/24; H01M8/04; H01M8/10	Compact flat-plate solid oxide direct carbon fuel cell stack
CN102185327 A 20110914	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20111075432 20110328	H02J3/28; H01M8/04	Reversible fuel cell-based high-capacity power energy storage device
CN102185328 A 20110914	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20111076339 20110328	H02J3/28; H01M8/00	Novel large-scale power energy storage device
CN202004100U U 20111005	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20112087224U 20110329	H01M8/24; H01M2/26; H01M8/02; H01M8/10	Flat plate type bubbling bed solid oxide direct carbon fuel cell stack
CN202034437U U 20111109	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20112093826U 20110401	H01M8/24; H01M2/20; H01M8/02	Fuel cell stack
CN202034790U U 20111109	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20112085616U 20110328	H02J3/28; H01M8/04	Large-capacity electric power energy storage device
CN202034791U U 20111109	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20112086056U 20110328	H02J3/28; H01M8/04	Electric-power energy storing device

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CN102130342 A 20110720	CHINESE ACAD INST CHEMISTRY	CN20101034505 20100119	H01M4/88; B01J21/06; B01J23/38; B01J23/42; H01M4/90; H01M8/10	Noble metal-titanium dioxide nano fiber complex and preparation method and application thereof
JP2011171003 A 20110901	CHINO CORP; NAT INST OF ADVANCED IND SCIEN	JP20100031437 20100216	H01M8/04; H01M8/12	HOLDER FOR EVALUATION OF ELECTROCHEMICAL CELL
WO2011122434 A1 20111006	CHIYODA CORP [JP]; OKADA YOSHIMI [JP]; SAITO MASASHI [JP]; WAKAMATSU SHUHEI [JP]; SHIMURA MITSUNORI [JP]	JP20100074818 20100329	C01B3/00; B01J23/755; C01B3/24; C01B3/32; H01M8/06	METHOD FOR PRODUCING HYDROGEN FOR STORAGE AND TRANSPORTATION
JP2011141967 A 20110721	CHUGOKU ELECTRIC POWER	JP20100000752 20100105	H01M8/06; F25B27/02; H01M8/00; H01M8/04; H01M8/14	POWER GENERATION SYSTEM
JP2011141968 A 20110721	CHUGOKU ELECTRIC POWER	JP20100000753 20100105	H01M8/06; H01M8/00; H01M8/04; H01M8/12	POWER GENERATION SYSTEM
CN102122719 A 20110713	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101000610 20100112	H01M8/00; H01M8/02	Air-cooled fuel cell structure with diversion part
CN102170166 A 20110831	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101121816 20100225	H02J7/34; H01M8/04; H01M8/24; H02H7/18; H02J7/00	Parallel fuel cell electric power system
CN102195061 A 20110921	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101139397 20100317	H01M8/24; H01M8/04	Fuel cell pile structure capable of promoting even distribution of gas in main flow channel

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CN102201587 A 20110928	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101138878 20100322	H01M8/06; H01M8/04	Liquid fuel gasifier with hot plates with through holes
CN102237533 A 20111109	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101173407 20100506	H01M8/00; H01M8/04	Fuel cell electro-thermal cogeneration system with heat recycling controlling module
CN102237542 A 20111109	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	CN20101155419 20100423	H01M8/24; H01M8/02	Design method for main runner of fuel cell stack and fuel cell stack structure
EP2383823 A1 20111102	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100113575 20100428	H01M8/00; H01M8/04	System for recycling thermal energy generated from a fuel cell module
JP2011138737 A 20110714	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20090146154 20091231	H01M8/04; F24H1/00; F24H1/18; F24H9/00; H01M8/00	FUEL CELL AND THERMOELECTRICITY SYMBIOTIC SYSTEM
TW201123667 A 20110701	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20090145689 20091230	H02J1/00; H01M8/04	Random controlled fuel cell power module
TW201125200 A 20110716	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100100313 20100108	H01M8/02; H05K7/20	Air-cooled fuel cell structure with air-guiding object
TW201128845 A 20110816	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100104594 20100212	H01M8/24	Parallel fuel cell electrical power system
US2011223511 A1 20110915	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100107367 20100312	H01M8/24	FUEL CELL STACK WITH UNIFORM GAS DISTRIBUTION IN MAIN FLOW CHANNELS THEREOF
US2011244353 A1 20111006	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100110459 20100402	H01M8/24; H01M8/00	METHOD OF OBTAINING OPTIMAL DESIGN FOR A HEADER OF FUEL CELL STACK AND FUEL CELL STACK WITH AN OPTIMALLY DESIGNED HEADER
US2011250517 A1 20111013	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	TW20100111174 20100409	H01M8/04	GASEOUS FUEL SUPPLY SYSTEM FOR A FUEL CELL
CN102214830 A 20111012	CHUNPING DU	CN20101139450 20100406	H01M8/04; F02D19/06	Oil and gas hybrid fuel cell engine



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US2011223517 A1 20110915	CLEAREDGE POWER INC [US]	US201113076102 20110330	H01M8/10; H01M8/00	ASYMMETRIC ACIDIFICATION OF A MEMBRANE-ELECTRODE ASSEMBLY
GB2481309 A 20111221	CMR FUEL CELLS UK LTD [GB]	GB20100010173 20100617	H01M8/08	Improvements in or relating to catalysts for fuel cells
FR2958797 A1 20111014	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20100052789 20100413	H01M4/96; H01M4/86; H01M4/92; H01M8/02	STRUCTURATION D'ELECTRODE DE PILES A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS
FR2959564 A1 20111104	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20100053276 20100428	G01L7/18; H01M8/04	DISPOSITIF FORMANT MANOMETRE DESTINE A LA MESURE DE PRESSION DE FLUIDE DIPHASIQUE, PROCEDE DE REALISATION ET RESEAU FLUIDIQUE ASSOCIES
BRPI0618973 A2 20110920	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AIR LIQUIDE [FR]	FR20050053585 20051124; WO2006EP68816 20061123	C08G69/18; B29C41/06; B60L11/00; C08G73/00; F17C1/00; H01M8/00	COMPOSIÇÃO À BASE DE CAPROLACTAMA, PROCESSO DE FABRICAÇÃO DE UM ELEMENTO DE ESTANQUEIDADE E RESERVATÓRIO
WO2011154516 A1 20111215	COMMISSARIAT ENERGIE ATOMIQUE [FR]; ALLEMAND ALEXANDRE [FR]; BEAUDET SAVIGNAT SOPHIE [FR]; BRUNETON ERIC [FR]	FR20100054642 20100611	H01M4/86; C25B11/04; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING BASIC ELECTROCHEMICAL CELLS FOR ENERGY OR HYDROGEN-PRODUCING ELECTROCHEMICAL SYSTEMS, IN PARTICULAR OF THE SOFC AND HTE TYPE
WO2011131714 A1 20111027	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; BEAUDET SAVIGNAT SOPHIE [FR]; CHARTIER THIERRY [FR]; CHASTAGNIER BENEDICTE [FR]; BONHOMME CLAIRE [FR]	FR20100053071 20100422	H01M4/86; C04B41/45; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING A COMPOSITE POWDER THAT CAN BE USED TO CONSTITUTE ELECTRODE MATERIALS

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FR2958184 A1 20111007	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; UNIV PARIS CURIE [FR]	FR20100052577 20100406	B01D69/14; B01D71/00; H01M8/10	NANOFIBRES HYBRIDES ORGANIQUES-INORGANIQUES A PHASE INORGANIQUE MESOPOREUSE, LEUR PREPARATION PAR EXTRUSION ELECTRO-ASSISTEE, MEMBRANE, ELECTRODE, ET PILE A COMBUSTIBLE.
WO2011124778 A1 20111013	COMMISSARIAT ENERGIE ATOMIQUE [FR]; FAUCHEUX VINCENT [FR]; LATOUR ANTOINE [FR]; LAURENT JEAN-YVES [FR]; MARTINENT AUDREY [FR]	FR20100001436 20100407	H01M8/10; H01M8/02; H01M8/24	FUEL CELL COMPRISING A MEMBRANE HAVING LOCALIZED IONIC CONDUCTION AND METHOD FOR MANUFACTURING SAME
FR2959064 A1 20111021	COMMISSARIAT ENERGIE ATOMIQUE [FR]; HEXCEL REINFORCEMENTS [FR]	FR20100053009 20100420	H01M8/02; H01M4/86; H01M4/88	COUCHE DE DIFFUSION D'UN DISPOSITIF ELECTROCHIMIQUE ET PROCEDE DE REALISATION D'UNE TELLE COUCHE DE DIFFUSION
FR2961212 A1 20111216	COMMISSARIAT ENERGIE ATOMIQUE [FR]; INST NAT SCIENCES APPLIQ [FR]	FR20100054735 20100615	C08J5/22; B01D69/12; H01M2/16; H01M8/04	PROCEDE DE PREPARATION D'UN MATERIAU COMPOSITE COMPRENANT UNE MATRICE POLYMERIQUE ET UNE CHARGE CONSISTANT EN DES PARTICULES INORGANIQUES ECHANGEUSES D'IONS
WO2011135263 A1 20111103	COMMISSARIAT ENERGIE ATOMIQUE [FR]; MOREL BERTRAND [FR]; POCACHARD JACQUES [FR]	FR20100053236 20100428	H01M6/50; C25B15/00; H01M8/04; H01M10/42	NON-DESTRUCTIVE TEST METHOD FOR TESTING THE SEALING OF AN ELECTROCHEMICAL CELL ELECTROLYTE

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WO2011121095 A2 20111006	COMMISSARIAT ENERGIE ATOMIQUE [FR]; NONNET HELENE [FR]; CONNELLY ANDREW [GB]; KHEDIM HICHEM [FR]	FR20100052467 20100401	C03C29/00; C03C3/062; C03C3/064; C03C3/068; C03C8/24; C03C10/04; C03C10/06; C04B37/00; C04B37/02; H01M8/02; H01M8/24	GLASS-CERAMIC COMPOSITIONS FOR JOINTS OF APPLIANCES OPERATING AT HIGH TEMPERATURES, AND ASSEMBLY METHOD USING SAID COMPOSITIONS
WO2011110677 A1 20110915	COMMISSARIAT ENERGIE ATOMIQUE [FR]; REYTIER MAGALI [FR]; BAURENS PIERRE [FR]	FR20100051789 20100312	C25B9/04; C25B1/06; C25B9/18; C25B15/08; H01M8/02	HIGH-TEMPERATURE ELECTROLYSER ARCHITECTURE, HAVING HIGH TARGET PRODUCTION BY AN ELECTROLYSIS CELL AND A LIMITED CELL DEGRADATION RATE
WO2011110678 A1 20110915	COMMISSARIAT ENERGIE ATOMIQUE [FR]; RIGAL EMMANUEL [FR]	FR20100051785 20100312	C25B1/04; C25B9/04; C25B9/18; H01M8/02	DEVICE FORMING AN ELECTRIC AND FLUID INTERCONNECTOR FOR A REACTOR FOR HIGH-TEMPERATURE WATER ELECTROLYSIS
WO2011092105 A1 20110804	COMMISSARIAT ENERGIE ATOMIQUE [FR]; THERY JESSICA [FR]; CORONEL PHILIPPE [FR]; FAUCHEUX VINCENT [FR]; LAURENT JEAN-YVES [FR]	FR20100000284 20100126	G01N27/416; H01M8/06	STAND-ALONE WATER DETECTION DEVICE THAT INCLUDES A HYDROGEN SOURCE
WO2011094153 A1 20110804	CONOCOPHILLIPS CO [US]; LAFRANCOIS CHRISTOPHER J [US]; SCHLASNER STEVEN M [US]	US20100299775P 20100129	B01D47/02; H01M8/04	ELECTROLYTIC RECOVERY OF RETAINED CARBON DIOXIDE

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WO2011154576 A1 20111215	CONSEJO SUPERIOR INVESTIGACION [ES]; GUINEA DIAZ DOMINGO [ES]; VILLANUEVA MARTINEZ EUGENIO [ES]; GARCIA SANCHEZ DANIEL [ES]; GUINEA GARCIA-ALEGRE DOMINGO [ES]	ES20100030894 20100609	H01M8/02; H01M8/10	FUEL CELL COMPRISING BIPOLAR PANELS WITH CORRUGATED METAL SHEET
WO2011144563 A2 20111124	CONTINENTAL AUTOMOTIVE GMBH [DE]; BIRKE PETER [DE]; BOESE OLAF [DE]; KELLER MICHAEL [DE]; SCHIEMANN MICHAEL [DE]; SCHWEIGER HANS-GEORG [DE]	DE201010020738 20100517	H01G9/00; H01L31/00; H01M4/04; H01M4/06; H01M4/08; H01M4/131; H01M4/136; H01M4/1391; H01M4/1397; H01M4/62; H01M4/66; H01M4/86; H01M4/88; H01M6/18; H01M6/40; H01M8/02; H01M8/12; H01M10/0525; H01M10/0562	ELECTROCHEMICAL OR ELECTRIC LAYER SYSTEM, METHOD FOR THE PRODUCTION AND USE THEREOF

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WO2011089121 A1 20110728	CONTINENTAL AUTOMOTIVE GMBH [DE]; SCHWEIGER HANS-GEORG [DE]; PROKOPOWICZ FREDERIC [DE]; DEMITTER BJOERN [DE]; TILLMANN STEFAN [DE]; SCHULZ WLADIMIR [DE]; HOPF HERMANN [DE]	DE201010005154 20100120	H01M8/02; H01G9/155; H01M6/50; H01M8/00; H01M8/04; H01M10/50	COOLED ENERGY ACCUMULATOR
JP2011149630 A 20110804	CORONA CORP	JP20100011648 20100122	F23D99/00; F23D14/48; F23Q3/00	FUEL IMPROVING BURNER
WO2011088348 A2 20110721	CRAIG VENTER INST J [US]; BRETSCHGER ORIANNA [US]	US20100294841P 20100114	H01M8/16; H01M8/02	(A2 A3) MODULAR ENERGY RECOVERING WATER TREATMENT DEVICES
US2011177401 A1 20110721	CROWTHER OWEN [US]; CHUA DAVID [US]; EPPLEY WILLIAM [US]; MEYER BENJAMIN [US]; SALOMON MARK [US]; DRIEDGER ARTHUR [US]; MORGAN MICHAEL [US]	US20100928763 20101217; US20100657481 20100121	H01M8/22; H01M8/04	Lithium-air cell protective membranes comprising polytetrafluoroethylene coated fiberglass cloth
US2011262819 A1 20111027	CRUMM AARON T [US]; LABRECHE TIMOTHY [US]	US20100766500 20100423	H01M8/06; H01M8/02; H01M8/10	SOLID OXIDE FUEL CELL MODULE WITH CURRENT COLLECTOR
WO2011138988 A1 20111110	DAEWOO SHIPBUILDING & MARINE [KR]; KWON HYUK [KR]; LEE EUN BAE [KR]; KIM HYUN JIN [KR]; CHOI JUNG HO [KR]; CHOI YONG SEOK [KR]; LEE SUNG GEUN [KR]; KIM BYUNG SUNG [KR]; KIM KI SEOK [KR]	WO2010KR02927 20100507	B63J99/00; B63B25/16; B63H21/12; B63H21/20; B63J3/00; C01B3/38; H01M8/04; H01M8/06	ELECTRICITY GENERATING DEVICE OF LNG CARRIER AND METHOD THEREOF

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JP2011249116 A 20111208	DAIDO GAKUEN	JP20100120666 20100526	H01M8/02; H01B1/06; H01M8/10	SOLID POLYMER FUEL CELL
JP2011249193 A 20111208	DAIDO GAKUEN	JP20100122514 20100528	H01M4/86; H01M8/02; H01M8/04; H01M8/10	SOLID POLYMER FUEL CELL
JP2011258349 A 20111222	DAIDO GAKUEN	JP20100130278 20100607	H01M8/02; C08L101/02; C08L101/14; H01M4/86; H01M8/10	FILM-ELECTRODE ASSEMBLY AND SOLID POLYMER FUEL CELL
JP2011192538 A 20110929	DAIHATSU MOTOR CO LTD [JP]	JP20100057928 20100315	H01M8/04	FUEL CELL SYSTEM
JP2011216341 A 20111027	DAIHATSU MOTOR CO LTD [JP]	JP20100083587 20100331	H01M8/04	FUEL CELL SYSTEM
JP2011216342 A 20111027	DAIHATSU MOTOR CO LTD [JP]	JP20100083588 20100331	H01M8/04; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2011216344 A 20111027	DAIHATSU MOTOR CO LTD [JP]	JP20100083705 20100331	H01M8/02	VISUALIZATION CELL OF FUEL CELL
JP2011210386 A 20111020	DAIHATSU MOTOR CO LTD [JP]; HOKKO CHEM IND CO	JP20100074183 20100329	H01M4/90; B01J37/04; B01J37/08; H01M4/88	CATHODE CATALYST, METHOD OF MANUFACTURING THE SAME, AND FUEL CELL
JP2011235231 A 20111124	DAIHATSU MOTOR CO LTD [JP]; HOKKO CHEM IND CO; STC UNM	JP20100108403 20100510	B01J31/22; B01J23/75; B01J37/08; H01M4/90	OXYGEN REDUCTION CATALYST AND FUEL CELL

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WO2011122399 A1 20111006	DAIHATSU MOTOR CO LTD [JP]; STC UNM [US]; ASAZAWA KOICHIRO [JP]; YAMADA KOJI [JP]; TANAKA HIROHISA [JP]; YAMAMOTO KAZUYA [JP]; OLSON TIM [US]; PYLYPENKO SVITLANA [US]; ATANASSOV PLAMEN [US]	JP20100083718 20100331	H01M4/90; H01M8/02	FUEL CELL
JP2011152514 A 20110811	DAIHEN CORP; KANSAI ELECTRIC POWER CO	JP20100015838 20100127	B01J4/00; B01D46/42; H01M8/04	FLUID SUPPLY UNIT AND FUEL CELL SYSTEM INCLUDING THE SAME
JP2011152515 A 20110811	DAIHEN CORP; KANSAI ELECTRIC POWER CO	JP20100015873 20100127	B01J4/00; H01M8/04; H01M8/06	FLUID SUPPLY UNIT AND FUEL CELL SYSTEM INCLUDING THE SAME
JP2011177986 A 20110915	DAIKIN IND LTD	JP20100043216 20100226	B32B27/30; B01D63/00; B01D63/08; B01D71/36	SHEET AND ROLL
AT518268T T 20110815	DAIMLER AG [DE]	DE20011000757 20010110; WO2001DE04746 20011215	H01M8/02; H01M8/24	ELEKTROCHEMISCHER BRENNSTOFFZELLENSTAPEL
DE102010006019 A1 20110818	DAIMLER AG [DE]	DE201010006019 20100128	H01M8/04; H01M10/50	Electrical energy providing device for propulsion of industrial truck in logistic sector, has common air conveyor conveying airflow for cooling battery, where battery and fuel cell are arranged in series or parallel manner
DE102010006020 A1 20110915	DAIMLER AG [DE]	DE201010006020 20100128	H01M8/04	Fuel cell system for producing electric power to electrical system in car, has cabinet surrounding fuel cell and flushing airflow, where fuel cell is arranged in cabinet and supplied with processing air and cool air by airflow

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DE102010007705 A1 20110811	DAIMLER AG [DE]	DE201010007705 20100211	H01M8/02; B05D1/32	Method for manufacturing bipolar plate for fuel cell, involves thermally interconnecting base plates using bonding agent, and applying bonding agent on surface sides of base plate or intermediate plate via recesses formed in mask
DE102010007857 A1 20110818	DAIMLER AG [DE]	DE201010007857 20100212	H01M8/04	Fuel cell system for use in car, has accumulator storing electrical power, and electrical power impacting unit provided for impacting of coolant pumps with electrical power, which is collected from accumulator
DE102010007976 A1 20110818	DAIMLER AG [DE]	DE201010007976 20100215	H01M8/04	Fuel cell i.e. polymer electrolyte membrane fuel cell stack, cooling method for use in fuel cell system of car, involves performing reduction of volumetric flow with predetermined function in computation of pilot control of cooling medium
DE102010007978 A1 20110818	DAIMLER AG [DE]	DE201010007978 20100215	H01M8/02	Module for attaching fuel cell on supply system of car, has terminal component closely attached to form profile for closing opening of form profile, where terminal component includes attaching element for attaching to supply system
DE102010007979 A1 20110818	DAIMLER AG [DE]	DE201010007979 20100215	H01M8/24	Fuel cell arrangement for motor car, has clamping unit and/or deflection roller formed such that frictional forces arising at deflection roller are reduced during movement of clamping unit and fuel cells
DE102010008205 A1 20110818	DAIMLER AG [DE]	DE201010008205 20100217	H01M8/02	Brennstoffzellensystem mit wenigstens einer Brennstoffzelle
DE102010008210 A1 20110818	DAIMLER AG [DE]	DE201010008210 20100217	H01M8/02; H01M8/04	Brennstoffzellenversorgung für ein Fahrzeug, Brennstoffzellensystem mit der Brennstoffzellenversorgung sowie Verfahren zum Betreiben



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DE102010010271 A1 20110908	DAIMLER AG [DE]	DE201010010271 20100305	H01M8/04; F23Q3/00	Device for provision of hot exhaust gas stream in fuel cell system in vehicle, has burner temporarily supplied with fresh air and comprising ignition device, by which mixture of fresh air and fuel of fuel cell is ignited
DE102010010272 A1 20110908	DAIMLER AG [DE]	DE201010010272 20100305	H01M8/04; F23Q3/00	Vorrichtung zur Bereitstellung von heissen Abgasen
DE102010011556 A1 20110922	DAIMLER AG [DE]	DE201010011556 20100316	H01M8/04	Device for supplying e.g. natural gas to proton exchange membrane fuel cell for driving of e.g. land vehicle, has heat exchanger arranged between releasing device and drive unit such that relaxed gaseous fuel contacts medium to be cooled
DE102010013000 A1 20110929	DAIMLER AG [DE]	DE201010013000 20100326	B60R16/03; F24H9/20; H01M8/04; H01M10/50; H05B1/02; H05K7/20	Electrical power generation system operating method for car, involves utilizing electrical heating device for receiving non-storable electrical energy accumulated when braking car in normal operation of power generation system
DE102010013003 A1 20110929	DAIMLER AG [DE]	DE201010013003 20100326	B60K1/04; B60L11/18; H01M8/00; H01M10/04	Car e.g. fuel cell car, has battery formed from multiple cell packs that comprise multiple cell groups, which are formed from individual cells, where cells are arranged in parallel and electrically interconnected with each other
DE102010022094 A1 20111201	DAIMLER AG [DE]	DE201010022094 20100531	H01M8/02	Method for manufacturing base plate for bipolar plate of fuel cell, involves cutting source material i.e. stainless steel film, of base plate using laser beam from remote laser system, and reworking base plate after cutting

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DE102010023252 A1 20111215	DAIMLER AG [DE]	DE201010023252 20100609	H01M8/24	Method for manufacturing fuel cell stack of fuel cells, involves securing frame element in bottom portion of front end of bipolar plate in fluid tight manner, and securing membrane electrode unit at top face of another frame element
DE102010026909 A1 20110922	DAIMLER AG [DE]	DE201010012184 20100319; DE201010026909 20100713	H01M8/04	Aufladeeinrichtung für eine Brennstoffzelle
DE102010052179 A1 20110728	DAIMLER AG [DE]	DE201010052179 20101122	H01M8/10	Polymer electrolyte membrane for fuel cell for generating electric current, has projections formed at surfaces of membrane and comprising identical form and dimensions in spatial direction, where membrane is coated with catalyst layers
DE102010052709 A1 20110825	DAIMLER AG [DE]	DE201010052709 20101126	H01M8/04	Ceramic body for use as e.g. porous silicon carbide body in heat and/or moisture exchanging device of fuel cell system to e.g. cool working gases of fuel cell to provide electrical power to automobile drive, has flow channels guiding fluids
US2011183230 A1 20110728	DAIMLER AG [DE]	DE200610039105 20060819; WO2007EP07281 20070817	H01M8/24	FUEL CELL SYSTEM AND VEHICLE HAVING FUEL CELL SYSTEM
US2011229779 A1 20110922	DAIMLER AG [DE]	US201113068750 20110519; DE20021032871 20020719; US20050523067 20050805; WO2003DE02201 20030702	H01M8/02; H01M8/04; H01M8/06	INTERNALLY GAS REGULATED FUEL CELL

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WO2011134580 A1 20111103	DAIMLER AG [DE]; AUTENRIETH RAINER [DE]	DE201010018907 20100430	H01M8/04	METHOD FOR CONTROLLING ENERGY MANAGEMENT IN A FUEL CELL SYSTEM
WO2011157334 A1 20111222	DAIMLER AG [DE]; DEHN STEFFEN [DE]; QUINTUS MARTIN [DE]; STERK FELIX [DE]	DE201010024187 20100617	H01M8/04	DEVICE FOR HUMIDIFYING ANODE GAS
DE102009056881 A1 20110707	DAIMLER AG [DE]; FORD GLOBAL TECH LLC [US]	DE200910056881 20091203	G01N33/00; H01M8/04	Device for acquisition of hydrogen concentration in exhaust gas in vent pipe of polymer electrolyte membrane fuel cell system in car, has sealing element arranged between heating element and adaptor and/or hydrogen sensor and element
AT522943T T 20110915	DAIMLER AG [DE]; FORD MOTOR CO [US]	US20030666919 20030918; WO2004US30707 20040917	H01M8/04; F04F5/46	BRENNSTOFFZELLENSYSTEM MIT FLUIDSTROM- REZIRKULATION
WO2011098279 A1 20110818	DAIMLER AG [DE]; GERHARDT STEFAN [DE]; MAZZOTTA COSIMO [DE]	DE201010007977 20100215	H01M8/04	FUEL CELL SYSTEM COMPRISING AT LEAST ONE FUEL CELL
WO2011101008 A2 20110825	DAIMLER AG [DE]; KUCHENBUCH KAI [DE]; MANGOLD PATRICK [DE]; HINSENKAMP GERT [DE]	DE201010008209 20100217	H01M8/04; F23D14/62	CATALYTIC BURNER
WO2011154070 A1 20111215	DAIMLER AG [DE]; MERTH RAINER [DE]; PFITZER STEFAN [DE]	DE201010023671 20100612	H01M8/04; H01M8/24	FUEL CELL SYSTEM HAVING A FUEL CELL ARRANGED IN A HOUSING
WO2011098276 A1 20110818	DAIMLER AG [DE]; STARK HOLGER [DE]	DE201010007981 20100215	H01M8/24	FUEL CELL ARRANGEMENT AND METHOD FOR THE PRODUCTION THEREOF
WO2011098277 A1 20110818	DAIMLER AG [DE]; STARK HOLGER [DE]	DE201010007980 20100215	H01M8/00; H01M8/24	DEVICE FOR COMPRESSING A FUEL CELL ARRANGEMENT
WO2011098278 A1 20110818	DAIMLER AG [DE]; STARK HOLGER [DE]	DE201010007982 20100215	H01M8/24	DEVICE FOR COMPRESSING A FUEL CELL ARRANGEMENT BY MEANS OF VARIABLE SPRING ELEMENTS

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WO2011113460 A1 20110922	DAIMLER AG [DE]; SUNDARESAN MEENAKSHI [DE]; DEHN STEFFEN [DE]	DE201010011559 20100316	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING A FUEL CELL SYSTEM
JP2011185468 A 20110922	DAINICHI CO LTD; JX NIPPON OIL & ENERGY CORP	JP20100048692 20100305	F23D14/66; C01B3/38; F23D14/02; H01M8/04; H01M8/06	COMBUSTION DEVICE OF HYDROGEN SUPPLY DEVICE FOR FUEL CELL
JP2011169527 A 20110901	DAINICHI CO LTD; JX NIPPON OIL & ENERGY CORP; ENEOS CELLTECH CO LTD	JP20100034723 20100219	F23D17/00; F23D11/02	COMBUSTION DEVICE
JP2011169528 A 20110901	DAINICHI CO LTD; JX NIPPON OIL & ENERGY CORP; ENEOS CELLTECH CO LTD	JP20100034724 20100219	F23D17/00; C01B3/32; H01M8/04; H01M8/06	COMBUSTION DEVICE
JP2011159457 A 20110818	DAINIPPON PRINTING CO LTD [JP]	JP20100018915 20100129	H01M8/02; H01M8/10	CATALYST LAYER-ELECTROLYTE FILM LAMINATE, MEMBRANE-ELECTRODE ASSEMBLY, POLYMER ELECTROLYTE FUEL CELL, AND METHOD OF MANUFACTURING CATALYST LAYER-ELECTROLYTE FILM LAMINATE
JP2011159458 A 20110818	DAINIPPON PRINTING CO LTD [JP]	JP20100018935 20100129	H01M8/02; H01M8/10	CATALYST LAYER-ELECTROLYTE FILM LAMINATE, MEMBRANE-ELECTRODE ASSEMBLY, POLYMER ELECTROLYTE FUEL CELL, AND METHOD OF MANUFACTURING CATALYST LAYER-ELECTROLYTE FILM LAMINATE
JP2011192655 A 20110929	DAINIPPON PRINTING CO LTD [JP]	JP20110121563 20110531	H01M8/02; H01M4/88; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY WITH MASK FILM FOR SOLID POLYMER FUEL CELL, AND ITS MANUFACTURING METHOD

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JP2011210465 A 20111020	DAINIPPON PRINTING CO LTD [JP]	JP20100075697 20100329	H01M8/02; H01M8/10	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATED BODY WITH EDGE SEAL, MEMBRANE-ELECTRODE ASSEMBLY WITH EDGE SEAL, AND SOLID POLYMER FUEL CELL
JP2011210588 A 20111020	DAINIPPON PRINTING CO LTD [JP]	JP20100077960 20100330	H01M8/02	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATED BODY, CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATED BODY WITH EDGE SEAL, MEMBRANE-ELECTRODE ASSEMBLY, MEMBRANE-ELECTRODE ASSEMBLY WITH EDGE SEAL, AND THESE MANUFACTURING METHODS
JP2011210590 A 20111020	DAINIPPON PRINTING CO LTD [JP]	JP20100078014 20100330	H01M8/02; H01M8/04; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY UNIT AND CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATED BODY UNIT
JP2011210735 A 20111020	DAINIPPON PRINTING CO LTD [JP]	JP20110140299 20110624	H01M8/02; H01M4/88; H01M8/10	MANUFACTURING METHOD OF ELECTROLYTE MEMBRANE-ELECTRODE CONJUGANT WITH GASKET FOR SOLID POLYMER FUEL CELL
JP2011216301 A 20111027	DAINIPPON PRINTING CO LTD [JP]	JP20100082842 20100331	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND FUEL CELL STACK
JP2011216302 A 20111027	DAINIPPON PRINTING CO LTD [JP]	JP20100082843 20100331	H01M8/02; H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL
JP2011216324 A 20111027	DAINIPPON PRINTING CO LTD [JP]	JP20100083356 20100331	H01M8/02; H01M8/10	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE, MEMBRANE-ELECTRODE CONJUGANT EQUIPPED WITH THE SAME, AND SOLID POLYMER FUEL CELL

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JP2011228252 A 20111110	DAINIPPON PRINTING CO LTD [JP]	JP20100083642 20100331; JP20100210090 20100917	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
JP2011228280 A 20111110	DAINIPPON PRINTING CO LTD [JP]	JP20100083884 20100331; JP20110066177 20110324	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND ITS MANUFACTURING METHOD
JP2011253674 A 20111215	DAINIPPON PRINTING CO LTD [JP]	JP20100125902 20100601	H01M4/90; H01M4/86; H01M4/88; H01M8/02; H01M8/10	METHOD OF MANUFACTURING CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE AND SOLID POLYMER FUEL CELL USING THE SAME
JP2011253675 A 20111215	DAINIPPON PRINTING CO LTD [JP]	JP20100125903 20100601	H01M4/86; H01M4/90; H01M8/10	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE AND SOLID POLYMER FUEL CELL USING IT
US2011269050 A1 20111103	DAINIPPON PRINTING CO LTD [JP]	US201113181252 20110712; JP20020140202 20020515; JP20020227871 20020805; US20070948212 20071130; US20030477600 20031113; WO2003JP05936 20030513	C25D9/02; H01M8/24; C23C28/00; H01M2/08; H01M8/02; H01M8/10	SEPARATOR FOR FLAT-TYPE POLYMER ELECTROLYTE FUEL CELL AND POLYMER ELECTROLYTE FUEL CELL USING THE SAME SEPARATOR
EP2395579 A1 20111214	DAINIPPON SCREEN MFG [JP]	JP20100130834 20100608	H01M4/04; H01M4/88; H01M8/10	Battery, vehicle, electronic device and battery manufacturing method
WO2011085186 A2 20110714	DAIS ANALYTIC CORP [US]; EHRENBERG SCOTT G [US]; TANGREDI TIMOTHY [US]	US20100293637P 20100109	C08J5/22; B01J41/12; H01B1/06; H01M8/10	ANIONIC EXCHANGE ELECTROLYTE POLYMER MEMBRANES

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CN102222796 A 20111019	DALIAN CHEMICAL PHYSICS INST	CN20101148360 20100416	H01M8/10; G01N27/409; H01M8/24	Proton exchange membrane fuel cell structure for measuring oxygen concentration distribution
CN102120874 A 20110713	DALIAN CHEMICAL PHYSICS INST; DALIAN RONGKE POWER CO LTD	CN20101583930 20101210	C08L71/12; C08G65/40; C08J5/18; H01M2/16; H01M8/02	Sulfonated polyarylether polymer ion exchange membrane containing crosslinking groups and application thereof
CN102249424 A 20111123	DALIAN NATIONALITIES UNIVERSITY	CN20111084199 20110402	C02F3/34; H01M8/16	Proton exchange membrane-free microbiological fuel cell sewage treatment system and application method thereof
CN102148381 A 20110810	DALIAN RONGKE POWER CO LTD	CN20101108416 20100210	H01M8/02; H01M2/08; H01M2/36	Electrode frame structure of redox flow battery
CN102148388 A 20110810	DALIAN RONGKE POWER CO LTD	CN20101108417 20100210	H01M8/18; H01M8/04; H01M10/36	Redox flow battery system
CN102148389 A 20110810	DALIAN RONGKE POWER CO LTD	CN20101108419 20100210	H01M8/20; H01M4/86; H01M8/02	Structure of redox flow battery
CN102148390 A 20110810	DALIAN RONGKE POWER CO LTD	CN20101108408 20100210	H01M8/24; H01M8/04; H01M8/18; H01M10/36; H01M10/42; H01M10/48	Battery system for distributing flow energy storage current or voltage and control method

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EP2355204 A1 20110810	DANA CANADA CORP [CA]	EP20100001045 20100202	H01M2/10; F28D1/00; H01M2/18; H01M8/02; H01M8/24; H01M10/42; H01M10/50	Conformal heat exchanger for battery cell stack
US2011300466 A1 20111208	DEKEL DARIO [IL]	US201113154056 20110606; US20100352009P 20100607	H01M8/10; H01M8/00; H01M8/24	Chemical Bonding For Catalyst/Membrane Surface Adherence In Membrane Electrolyte Fuel Cells
US2011269032 A1 20111103	DELPHI TECH INC [US]	US20100964806 20101210	H01M8/06; B05B1/24	COMBUSTOR FOR A FUEL CELL SYSTEM
US2011269033 A1 20111103	DELPHI TECH INC [US]	US201113074589 20110329	H01M8/06	System for Adding Sulfur to a Fuel Cell Stack System for Improved Fuel Cell Stability
US2011269042 A1 20111103	DELPHI TECH INC [US]	US20100840578 20100721	H01M8/04	MULTIPLE STACK FUEL CELL SYSTEM WITH SHARED PLENUM
US2011269052 A1 20111103	DELPHI TECH INC [US]	US20100788834 20100527	H01M8/24	Multiple Stack Fuel Cell System
US2011269053 A1 20111103	DELPHI TECH INC [US]	US20100981881 20101230	H01M8/24; C03C8/00	SOLID OXIDE FUEL CELL HAVING A GLASS COMPOSITE SEAL
US2011269059 A1 20111103	DELPHI TECH INC [US]	US20100975836 20101222	H01M8/10; H01M8/00	METHOD OF MAKING A SOLID OXIDE FUEL CELL STACK
JP2011153758 A 20110811	DENSO CORP	JP20100015295 20100127	F25B27/02; F25B17/08; H01M8/00; H01M8/04; H01M8/06	REFRIGERATOR COMBINED TYPE FUEL CELL SYSTEM
JP2011192609 A 20110929	DENSO CORP	JP20100059808 20100316	H01M8/06; C01F11/02	ENERGY CONVERTER



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JP2011222307 A 20111104	DENSO CORP	JP20100090461 20100409	H01M8/04; H01M8/00; H01M8/10; H01M8/24	FUEL CELL SYSTEM
JP2011233242 A 20111117	DENSO CORP	JP20100099730 20100423	H01M8/04; H01M8/24	CURRENT DISTRIBUTION MEASURING DEVICE, COUNTERACTING METHOD FOR ABNORMALITY OF THE SAME AND FUEL CELL SYSTEM
JP2011233243 A 20111117	DENSO CORP	JP20100099731 20100423	H01M8/04	CURRENT MEASURING DEVICE
JP2011238360 A 20111124	DENSO CORP; TOYOTA MOTOR CORP	JP20100106266 20100506	H01M8/04; H01M8/10	FUEL CELL SYSTEM
US2011200898 A1 20110818	DETROIT EDISON CO [US]	US201113094574 20110426; US20030543425 20030620; WO2003US19416 20030620	H01M8/06; B01D53/02; B01D53/10; B01D53/72; C01B3/34	METHOD OF SUPPLYING REFORMATE TO AN ENERGY CONVERSION DEVICE
AT535764T T 20111215	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE20031025395 20030528	F24H1/00; F24D11/00; H01M8/04	HEIZUNGSSYSTEM MIT BRENNSTOFFZELLENEINRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER BRENNSTOFFZELLENEINRICHTUNG
DE102010002163 A1 20110825	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE201010002163 20100219	H01M8/12	High temperature fuel cell system operating method, involves feeding fuel and oxidizer to fuel cell, and controlling cell voltage at fuel cell such that cell voltage always lies above anode material oxidization voltage
DE102010028893 A1 20111117	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE201010028893 20100511	H01M8/02; H01M8/12	Interconnector for fuel cell stack i.e. oxide-ceramic fuel cell stack, has anodic and cathodic regions comprising metal sponge, where metal sponge is made of predominant proportion of silver

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DE102010030671 A1 20111229	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE201010030671 20100629	B05D1/06; C23C4/12; H01M8/02	Applying powder particles on a porous substrate, comprises applying the powder particles using a gas stream, which passes through the porous substrate
DE102011004318 A1 20110818	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE201010008351 20100217; DE201110004318 20110217	H01M8/04	Fuel cell system for generating electrical energy to board of aircraft, has low pressure components creating overpressure and low pressure such that cathode region is acted upstream with overpressure and downstream with low pressure
DE102010027881 A1 20111020	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]; DMT PRODUKTENTWICKLUNG AG [DE]	DE201010027881 20100416	H01M8/02; H01M8/04	Fuel cell system for supplying electrical power to operate electric power tool utilized in e.g. construction industry, has filling unit comprising external fuel storage, where fuel is transferred to internal fuel storage in filling position
US2011272081 A1 20111110	DEVOE ALAN [US]; DEVOE LAMBERT [US]	US201113185808 20110719; US20060557894 20061108	B32B37/14	METHOD OF MAKING A FUEL CELL DEVICE
WO2011147540 A1 20111201	DIEHL AEROSPACE GMBH [DE]; KNEPPLE RONNY [DE]; SPETH BERND [DE]; TICHY FRANZ [DE]	DE201010049794 20101027; DE201010021443 20100525	H01M8/06; H01M8/04	METHOD FOR PRODUCING ENERGY, AND THE USE OF A SUBSTANCE MIXTURE FOR PRODUCING ENERGY
KR20110080552 A 20110713	DONGA MFG CORP [KR]	KR20100000839 20100106	H01M8/02; H01M8/10	SEPARATOR ON BODY TYPE GASKET FOR FUEL CELL AND DIE FOR MAKING THE SAME
KR20110134694 A 20111215	DONGA MFG CORP [KR]	KR20100054418 20100609	H01M8/02; H01M8/10	GASKET-INTEGRATED SEPARATOR HAVING BEADS FOR PREVENTION OF BENDING
CN102244286 A 20111116	DONGFANG ELECTRIC CORP	CN20111151029 20110607	H01M8/18; H01M8/04	Flow battery system and repair device thereof

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KR20110117994 A 20111028	DONGJIN SEMICHEM CO LTD [KR]	KR20100037532 20100422	C07C39/15; C08G61/00; H01M8/02; H01M8/10	DIHYDROXYMONOMER CONTAINING MULTI-PHENYL GROUP, PROTON CONDUCTING POLYMER PREPARED USING THE MONOMER, POLYMER ELECTROLYTE MEMBRANE COMPRISING THE POLYMER, FUEL CELL COMPRISING THE MEMBRANE
KR20110090051 A 20110810	DONGJIN SEMICHEM CO LTD [KR]; KOREA RES INST CHEM TECH [KR]	KR20100009622 20100202	C08G75/00; C08G61/12; H01M8/10	BRANCHED AND SULFONATED COPOLYMER CONTAINING PERFLUOROCYCLOBUTANE RINGS, PREPARATION METHOD THEREOF AND ELECTROLYTE MEMBRANE USING THE SAME
KR20110115240 A 20111021	DONGSHIN UNIVERSITY INDUSTRY ACADEMY COOPERATION [KR]	KR20100034617 20100415	H01M4/86; H01M8/02; H01M8/10	DIRECT ETHANOL FUEL CELL HVING CERAMIC MEMBRANE
CN102244284 A 20111116	DONGYING JIEDA CHEMICAL TECHNOLOGY CO LTD	CN20111160458 20110615	H01M8/10	Novel direct carbon fuel cell technology and apparatus
WO2011156933 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00891 20100618	H01M2/16; B01D71/32; C08J5/18; C08J7/12; C08J7/18; H01M2/14; H01M8/02; H01M8/10	COMPOSITE HAVING ION EXCHANGE FUNCTION AND PREPARATION METHOD AND USE THEREOF
WO2011156934 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00892 20100618	H01M8/02; B01D71/32; H01M2/16	PROTON EXCHANGE MEMBRANE, ITS PREPARING METHOD AND USE

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WO2011156935 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00893 20100618	B01D71/32; C08J5/22; C08K3/22; C08K3/26; C08K3/28; C08K3/30; C08K3/32; C08K3/34; C08K3/36; C08K5/098; C08L27/18; H01M2/16; H01M8/02	PROTON EXCHANGE MEMBRANE, PREPARATION PROCESS AND USE THEREOF
WO2011156936 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00894 20100618	B01D71/32; C08J7/12; H01M2/16; H01M8/02	PROTON EXCHANGE MEMBRANE AND PREPARATION METHOD AND USE THEREOF
WO2011156937 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00895 20100618	B01D71/32; B01D67/00; C08J5/22; H01M8/02	FLUORINE CONTAINING IONOMER COMPOSITE WITH ION EXCHANGE FUNCTION, PREPARATION METHOD AND USE THEREOF
WO2011156938 A1 20111222	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; TANG JUNKE [CN]; LIU PING [CN]; ZHANG HENG [CN]; WANG JUN [CN]	WO2010CN00896 20100618	B01D71/32; B01D67/00; C08J5/22; C08L27/18; H01M8/02	FLUORINE CONTAINING IONOMER COMPOSITE WITH ION EXCHANGE FUNCTION, PREPARATION METHOD AND USE THEREOF
KR20110075861 A 20110706	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090132429 20091229	H01M8/06; H01M8/14	STACK AND MOLTEN CARBONATE FUEL CELL HAVING THE SAME

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KR20110075862 A 20110706	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090132430 20091229	H01M8/02; H01B7/02; H01M8/14	INSULATOR AND MOLTEN CARBONATE FUEL CELL HAVING THE SAME
KR20110077133 A 20110707	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090133601 20091230	H01M8/06; G05D7/00	APPARATUS FOR ADJUSTING FUEL GAS CONCENTRATION IN FUEL CELL SYSTEM
KR20110077419 A 20110707	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090133993 20091230	H01M8/02; H01M8/14	MANIFOLD INSULATION DEVICE OF A FUEL CELL
KR20110077673 A 20110707	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090134311 20091230	H01M8/14; B01J21/04; B01J21/10; B01J23/755	ANODE ELECTRODE, FUEL CELL HAVING THE SAME AND PREPARATION METHOD THEREOF
KR20110077775 A 20110707	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20090134433 20091230	H01M8/06; G05D7/00	FUEL CELL SYSTEM
KR20110114824 A 20111020	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100034169 20100414	H01M8/12; B05D1/00; B05D3/00; H01M8/02	FABRICATION METHOD OF ELECTROLYTE IMPREGNATED CATHODES
KR20110117780 A 20111028	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100037193 20100422	H01M8/12; H01M8/02	ANODE FOR MOLTEN CARBONATE FUEL CELL AND PREPARATION METHOD THEREOF
KR20110118353 A 20111031	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100037903 20100423	H01M8/14; H01M8/02	ELECTRODE FOR A MOLTEN CARBONATE CELL WITH DUAL PORE STRUCTURE
KR20110119962 A 20111103	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100039408 20100428	H01M8/14; H01M8/02	A METHOD FOR MANUFACTURING AN ELECTROLYTE-FILLED ELECTRODE FOR A MOLTEN CARBONATE FUEL CELL
KR20110121968 A 20111109	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100041509 20100503	H01M8/12; C01F1/00; C01F13/00; H01M8/02	MCFC CATHODE COATED WITH MIXED CONDUCTING OXIDE
KR20110121970 A 20111109	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100041511 20100503	H01M8/12; C22C19/03; H01M8/02	PREPARATION METHOD OF TERNARY ALLOY ANODE FOR MOLTEN CARBONATE FUEL CELL

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KR20110123211 A 20111114	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	KR20100042663 20100506	H01M8/12; H01M8/02	ELECTRODE ASSEMBLY FOR FUEL CELL
WO2011115012 A1 20110922	DOSHISHA [JP]; INABA MINORU [JP]; TSUJI HIROAKI [JP]	JP20100195345 20100901; JP20100063605 20100319	B01J23/52; H01M4/88; H01M4/92	PLATINUM CORE-SHELL CATALYST MANUFACTURING METHOD, AND FUEL CELL USING CATALYST
WO2011116267 A1 20110922	DOW GLOBAL TECHNOLOGIES LLC [US]; WALLIN STEN A [CH]; MATTEUCCI SCOTT T [US]	US20100315541P 20100319	H01M8/16	ELECTROLYTE ENHANCED MICROBIAL FUEL CELL
WO2011116272 A1 20110922	DOW GLOBAL TECHNOLOGIES LLC [US]; WALLIN STEN A [CH]; MINERS JAMES [CH]; GUO XIAOYING [US]	US20100315548P 20100319	H01M8/16	MICROBIAL FUEL CELL PROCESS WHICH MAXIMIZES THE REDUCTION OF BIODEGRADABLE MATERIALS CONTAINED IN A FLUID STREAM
JP2011228009 A 20111110	DOWA ELECTRONICS MATERIALS CO	JP20100093909 20100415	H01M8/02; H01M4/86; H01M4/88; H01M8/12	SOLID ELECTROLYTE FUEL CELL COMPOSITE OXIDE, SOLID ELECTROLYTE FUEL CELL BINDER, SOLID ELECTROLYTE FUEL CELL ELECTRODE, SOLID ELECTROLYTE FUEL CELL COLLECTOR MEMBER, SOLID ELECTROLYTE FUEL CELL, SOLID ELECTROLYTE FUEL CELL STACK, AND MANUFACTURING METHOD
JP2011183284 A 20110922	DOWA HOLDINGS CO LTD; UNIV OITA	JP20100049818 20100305	B01J23/63; C01B3/36; C01B3/40; H01M8/06	HYDROGEN PRODUCING CATALYST, METHOD FOR PRODUCING HYDROGEN PRODUCING CATALYST, HYDROGEN PRODUCING METHOD, HYDROGEN PRODUCING APPARATUS AND FUEL CELL SYSTEM
WO2011135017 A1 20111103	DREUX AGGLOMERATION [FR]; CAVARROC MARJORIE [FR]; VOGT MATTHIEU [FR]; ENNAJDAOUI ABOUBAKR [FR]	FR20100053352 20100430	H01M4/86; H01M4/88; H01M8/10	METHOD FOR DEPOSITING A CATALYTIC LAYER FOR A FUEL CELL

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US2011294033 A1 20111201	DU PONT [US]	US201113195670 20110801; US20050138185 20050526; US20040588942P 20040719; US20040575283P 20040528	H01M8/10; H01M8/00	UNITIZED ELECTROCHEMICAL CELL SUB-ASSEMBLY AND THE METHOD OF MAKING THE SAME
KR20110080799 A 20110713	E M W ENERGY CO LTD [KR]	KR20100001207 20100107	H01M8/02; B32B15/08; C08J5/22; H01M8/10	PROTON CONDUCTING MEMBRANE, METHOD FOR MANUFACTURING THE SAME, AND FUEL CELL COMPRISING THE SAME
WO2011132438 A1 20111027	EAGLE IND CO LTD [JP]; MURATA NAOKI [JP]; OKAMOTO EIJI [JP]	JP20100098316 20100421	F16K31/06	PRESSURE CONTROL VALVE
AT523892T T 20110915	EATON GMBH [AT]	AT20010000444 20010320	H01H71/08; H01M8/02; H01R4/36	KLEMMHILFE
AT527715T T 20111015	EBERSPAECHER J GMBH & CO [DE]	DE200610017618 20060412	H01M8/04; H01M8/06; H01M8/24	BRENNSTOFFZELLENSYSTEM
DE102010023392 A1 20111215	EBERSPAECHER J GMBH & CO [DE]	DE201010023392 20100610	H01M8/06	Betriebsverfahren für ein Brennstoffzellensystem
CN102201586 A 20110928	ECOTURBO DALIAN TECHNOLOGY CO LTD	CN20111101678 20110422	H01M8/04	Fuel cell system
KR20110120412 A 20111104	ECOVISION CO LTD [KR]	KR20100039812 20100429	C02F11/00; C02F11/04; H01M8/16	SOLUBILIZED SLUDGE TREATING FACILITY AND METHOD
RU2424604 C1 20110720	EHLKOGEN AS [EE]	RU20090149841 20070531	H01M8/12	MANUFACTURING METHOD OF SINGLE SOLID-OXIDE FUEL ELEMENT

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DE102010027877 A1 20111124	EISENHUTH GMBH & CO KG [DE]	DE201010027877 20100416	H01M8/02	Bipolar plate for fuel cell, has oxidant distribution structure providing oxygen or air to electrode through slot overlapped on opening of fuel distribution structure, so that fuel in slot is distributed to fuel distribution structure
JP2011187409 A 20110922	ELECTRIC POWER DEV CO	JP20100054343 20100311	H01M4/86; H01M4/88; H01M8/02; H01M8/10	SOLID POLYMER ELECTROLYTE FUEL CELL AND ITS MEMBRANE ELECTRODE ASSEMBLY
WO2011092579 A1 20110804	ELECTRO POWER SYSTEMS S P A [IT]; CHERCHI PIERPAOLO [IT]; BALDINI LUCA [IT]; SILVINI SIMONE [IT]; GIANOLIO GIUSEPPE [IT]	IT2010TO00057 20100128	H01M8/04; C25B1/04; H01M8/06	MANAGEMENT OF THE OPERATION OF A SYSTEM FOR PRODUCING ELECTRIC POWER FROM HYDROGEN AND HYDROGEN FROM ELECTRICAL POWER
WO2011114215 A2 20110922	ELECTRO POWER SYSTEMS S P A [IT]; CHERCHI PIERPAOLO [IT]; GIANOLIO GIUSEPPE [IT]; PULLARA CRISTINA [IT]; BALDINI LUCA [IT]; SILVINI SIMONE [IT]	IT2010TO00192 20100315	H01M8/04; H01M8/06; H01M8/18; H01M16/00	FUEL CELL ELECTRIC POWER GENERATOR AND MANAGEMENT METHOD THEREOF
CN102195017 A 20110921	ELECTRONVAULT INC [US]	US20100724364 20100315	H01M2/10; H01G9/004; H01M8/04; H01M10/50	Power cell array receiver
WO2011115774 A1 20110922	ELECTRONVAULT INC [US]; FERBER ROBERT R JR [US]	US20100724388 20100315	H01M2/20; H01G9/20; H01L31/00; H01M8/02; H01M10/42	MODULAR INTERCONNECTION SYSTEM



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US2011229742 A1 20110922	EMEFCY LTD [IL]	US200913124535 20091101; US20080198027P 20081030; US20090182727P	H01M8/16; C25B9/00	ELECTRODES FOR USE IN BACTERIAL FUEL CELLS AND BACTERIAL ELECTROLYSIS CELLS AND BACTERIAL FUEL CELLS AND BACTERIAL ELECTROLYSIS CELLS EMPLOYING SUCH ELECTRODES
KR20110092581 A 20110818	EMS CO LTD [KR]	KR20100012072 20100209	H01M8/04; C01B3/00; F17C5/00	A VIBRATION DEVICE SUBSUME HYDROGEN STORAGE TANK
US2011244364 A1 20111006	ENAYETULLAH MOHAMMAD ALLAMA [US]	US201113052896 20110321; US20100320040P 20100401	H01M8/10; H01M4/92; H01M8/00	HIGH TEMPERATURE MEMBRANE ELECTRODE ASSEMBLY WITH HIGH POWER DENSITY AND CORRESPONDING METHOD OF MAKING
JP2011146170 A 20110728	ENEOS CELLTECH CO LTD [JP]	JP20100004300 20100112	H01M8/06; C01B3/38	FUEL CELL SYSTEM
JP2011151032 A 20110804	ENEOS CELLTECH CO LTD [JP]	JP20110062707 20110322	H01M8/04; H01M8/02; H01M8/24	FUEL CELL SYSTEM
JP2011171182 A 20110901	ENEOS CELLTECH CO LTD [JP]	JP20100035151 20100219	H01M4/86	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2011178637 A 20110915	ENEOS CELLTECH CO LTD [JP]	JP20100046734 20100303	C01B3/38; H01M8/04; H01M8/06	REFORMER AND FUEL CELL SYSTEM
JP2011181411 A 20110915	ENEOS CELLTECH CO LTD [JP]	JP20100045790 20100302	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011181461 A 20110915	ENEOS CELLTECH CO LTD [JP]	JP20100046908 20100303	H01M8/04	FUEL CELL SYSTEM AND METHOD OF ADJUSTING THE SAME
JP2011207700 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100078688 20100330	C01B3/38; H01M8/06	REFORMER AND FUEL CELL SYSTEM
JP2011210637 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100078768 20100330	H01M8/04	FUEL CELL SYSTEM

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JP2011210639 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100078776 20100330	H01M8/04; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2011210647 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100078874 20100330	H01M8/04	FUEL CELL SYSTEM
JP2011210650 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100079005 20100330	H01M8/04	FUEL CELL SYSTEM
JP2011210652 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100079035 20100330	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011210671 A 20111020	ENEOS CELLTECH CO LTD [JP]	JP20100079260 20100330	H01M8/04; H01M8/00; H01M8/12	FUEL CELL SYSTEM
JP2011216310 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083021 20100331	H01M8/02; H01M8/24	FUEL CELL, SEPARATOR, AND FUEL CELL SYSTEM
JP2011216335 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083444 20100331	H01M8/04; H01M8/06	FUEL CELL SYSTEM, AND STOPPING METHOD THEREOF
JP2011216337 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083498 20100331	H01M8/04	FUEL BATTERY POWER GENERATING DEVICE, AND METHOD OF MONITORING FUEL BATTERY
JP2011216339 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083506 20100331	H01M8/04	FUEL CELL SYSTEM, AND STOPPING METHOD THEREOF
JP2011216347 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083777 20100331	H01M8/04; H01M8/06	FUEL CELL SYSTEM, AND STARTING METHOD THEREOF
JP2011216350 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083789 20100331	H01M8/06; H01M8/04; H01M8/12	FUEL CELL SYSTEM
JP2011216351 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083807 20100331	H01M8/24	FUEL CELL AND FUEL CELL SYSTEM
JP2011216352 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083812 20100331	H01M8/24; H01M8/02	FUEL CELL AND FUEL CELL SYSTEM

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JP2011217528 A 20111027	ENEOS CELLTECH CO LTD [JP]	JP20100083800 20100331	H02J3/38; G05B23/02; H01M8/04; H02J13/00	REMOTE MONITORING SYSTEM
JP2011222315 A 20111104	ENEOS CELLTECH CO LTD [JP]	JP20100090666 20100409	H01M8/04	FUEL CELL SYSTEM AND MEMBRANE HUMIDIFIER
JP2011228183 A 20111110	ENEOS CELLTECH CO LTD [JP]	JP20100098222 20100421	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011233296 A 20111117	ENEOS CELLTECH CO LTD [JP]	JP20100100954 20100426	H01M8/04	FUEL CELL SYSTEM
JP2011192650 A 20110929	ENEOS CELLTECH CO LTD [JP]; JX NIPPON OIL & ENERGY CORP	JP20110070839 20110328	H01M8/04; H01M8/06	TRANSPORTING DEVICE OF SPENT DESULFURIZER, AND MAINTENANCE METHOD OF FUEL CELL POWER GENERATION SYSTEM
WO2011122042 A1 20111006	ENEOS CELLTECH CO LTD [JP]; MATSUOKA KOJI [JP]	JP20100080558 20100331	H01M8/04	FUEL CELL SYSTEM
WO2011121996 A1 20111006	ENEOS CELLTECH CO LTD [JP]; TAKAMI HIROFUMI [JP]; SAKAMOTO SHIGERU [JP]	JP20100084587 20100331	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
WO2011112992 A1 20110915	ENERG2 INC [US]; FEAVER AARON M [US]; COSTANTINO HENRY R [US]; VARJIAN RICHARD D [US]	US20100313166P 20100312	H01M8/22	MESOPOROUS CARBON MATERIALS COMPRISING BIFUNCTIONAL CATALYSTS
US2011281193 A1 20111117	ENERGYOR TECHNOLOGIES INC [CA]	US201113112068 20110520; US20060525149 20060922	H01M8/04; H01M8/24	FUEL CELL FLUID DISTRIBUTION SYSTEM
WO2011140642 A1 20111117	ENERGYOR TECHNOLOGIES INC [CA]; JONES THOMAS [CA]	US20100816609 20100616; US20100334379P 20100513	H01M8/02; H01M2/16; H01M8/24	METHOD FOR PRODUCING BIPOLAR PLATES
DE102010023021 A1 20111208	ENYMOTION GMBH [DE]	DE201010023021 20100608	H01M8/02	Brennstoffzelle mit einem Stack aus mehreren Bipolarplatten

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WO2011157377 A2 20111222	ENYMOTION GMBH [DE]; FREUDENBERG CARL KG [DE]; WIELAND STEFFEN [DE]; HAUG ELMAR [DE]; GEISS STEFAN [DE]; ADLER MATTHIAS [DE]; ANDERS BRITTA [DE]	DE201010024316 20100618	H01M8/02; H01M8/04; H01M8/24	SEAL FOR A BIPOLAR PLATE OF A FUEL CELL
DE102010013465 A1 20111006	EPH ELEKTRONIK PRODUKTIONS UND HANDELSGMBH [DE]	DE201010013465 20100330	H01M16/00; A45C5/14; H01M2/02; H01M8/00; H01M10/42; H02J1/00; H02J7/32; H02J9/04	Hybrid power supply device for providing electrical power for car, has housing designed as trolley and comprising two wheels and handgrips, where energy storage system, fuel cell system and control device are arranged in housing
JP2011142009 A 20110721	EQUOS RES CO LTD	JP20100001982 20100107	H01M4/86; H01M4/88; H01M4/96; H01M8/10	CATALYST LAYER FOR FUEL CELL, MANUFACTURING METHOD OF CATALYST LAYER FOR FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY
JP2011159624 A 20110818	EQUOS RES CO LTD	JP20100002362 20100107; JP20100291730 20101228	H01M4/88; H01M4/86; H01M8/10	DEVICE FOR MANUFACTURING CATALYST LAYER OF FUEL CELL, METHOD FOR MANUFACTURING CATALYST LAYER OF FUEL CELL, POLYMER ELECTROLYTIC SOLUTION, AND METHOD FOR MANUFACTURING POLYMER ELECTROLYTIC SOLUTION
JP2011216326 A 20111027	EQUOS RES CO LTD	JP20100083384 20100331	H01M4/86; H01M4/96; H01M8/02; H01M8/10	REACTION LAYER FOR FUEL CELL
JP2011216327 A 20111027	EQUOS RES CO LTD	JP20100083391 20100331	H01M4/86; H01M8/10	REACTION LAYER FOR FUEL CELL

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JP2011216333 A 20111027	EQUOS RES CO LTD	JP20100083431 20100331	H01M4/86; H01M8/02; H01M8/10	REACTION LAYER FOR FUEL CELL
JP2011228248 A 20111110	EQUOS RES CO LTD	JP20100083411 20100331; JP20100194318 20100831	H01M4/86; H01M8/10	REACTION LAYER FOR FUEL CELL
JP2011228267 A 20111110	EQUOS RES CO LTD	JP20100084656 20100331; JP20110034607 20110221	H01M4/88; B01J23/42; H01M4/90	METHOD OF MANUFACTURING REACTION LAYER FOR FUEL CELL AND DEVICE OF MANUFACTURING CATALYST PASTE
JP2011229356 A 20111110	EQUOS RES CO LTD	JP20100083310 20100331; JP20100145444 20100625	B60L11/18; B60K6/24; B60K6/46; B60L11/14; B60W10/08; B60W20/00; H01M8/00; H01M8/04	ELECTRIC DRIVE VEHICLE
WO2011083842 A1 20110714	EQUOS RESEARCH KK [JP]; KATO HIDEMI [JP]	JP20100291730 20101228; JP20100288034 20101224; JP20100002362 20100107	H01M4/88; H01M8/02; H01M8/10	APPARATUS FOR PRODUCTION OF CATALYST LAYER FOR FUEL CELL, METHOD FOR PRODUCTION OF CATALYST LAYER FOR FUEL CELL, POLYELECTROLYTE SOLUTION, AND PROCESS FOR PRODUCTION OF POLYELECTROLYTE SOLUTION
WO2011125715 A1 20111013	EQUOS RESEARCH KK [JP]; YAMAMOTO TAIZO [JP]	JP20110034608 20110221; JP20100084655 20100331	H01M4/88; H01M4/86; H01M4/92; H01M8/10	CATALYST PRODUCTION METHOD AND DEVICE FOR SAME, AND CHARACTERISTIC CONTROL METHOD OF A FUEL CELL REACTION LAYER USING CATALYST
WO2011152111 A1 20111208	EQUOS RESEARCH KK [JP]; YAMAMOTO TAIZO [JP]	JP20100293141 20101228; JP20100125400 20100531	H01M4/88; H01M8/10	APPARATUS FOR PRODUCTION OF CATALYST LAYER FOR FUEL CELL, AND METHOD FOR PRODUCTION OF CATALYST LAYER FOR FUEL CELL

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WO2011152112 A1 20111208	EQUOS RESEARCH KK [JP]; YAMAMOTO TAIZO [JP]	JP20100291728 20101228; JP20100125404 20100531	H01M4/86; H01M4/88; H01M4/90; H01M8/10	CATALYST LAYER FOR FUEL CELL
EP2387091 A1 20111116	EUROP UNION REPRESENTED BY THE EUROP COMMISSION [BE]	EP20100162819 20100514	H01M8/02	Fuel cell
EP2351118 A2 20110803	EVEREADY BATTERY INC [US]	WO2009US63775 20091110; US20080272823 20081118	H01M2/00; F16K31/02; F16K31/44; H01M2/38; H01M8/04; H01M12/06	FLUID MANAGER HAVING FLUID INJECTION PRIMER FOR A FLUID CONSUMING BATTERY
US2011189590 A1 20110804	EVEREADY BATTERY INC [US]	US201113014041 20110126; US20100299576P 20100129	H01M8/00	Method of Making an Electrochemical Cell with a Catalytic Electrode Including Manganese Dioxide
WO2011097198 A1 20110811	EVEREADY BATTERY INC [US]; BARTON RUSSELL [CA]; ZHENG GUANGHONG [US]	US20100302339P 20100208	H01M8/06; B01J7/02; C01B3/06	FUEL CELL CARTRIDGE
WO2011081850 A1 20110707	FACEBOOK INC [US]; SEUNG HOON PARK [US]	US20090651185 20091231	H01M8/04	DATA CENTER USING FUEL CELLS IN PLACE OF DIESEL GENERATORS FOR BACKUP POWER
JP2011233476 A 20111117	FCO HOLDING INC	JP20100105437 20100430	H01M8/06; H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL MODULE
RU2427593 C1 20110827	FEDERAL NOE G BJUDZHETNOE UCHREZHDIENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIJ INST [RU]	RU20090142332 20091118	C08J3/02; C08J5/22; C08L27/12; H01M8/10	METHOD OF PRODUCING PERFLUORINATED SULPHO-CATIONITE MEMBRANES THROUGH COATING FROM SOLUTION

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DE102010018417 A1 20111027	FIX MASCHB GMBH [DE]	DE201010018417 20100427	H01M8/00	Stacked component i.e. fuel cell stack, manufacturing method, involves pressing plate shaped part, upper seal part and lower seal part together by pressing force produced from pressing force components
WO2011087360 A1 20110721	FLAMCO BV [NL]; CNOSSEN JAN HENK [NL]; DEVLIN TERENCE ARTHUR [NL]	NL20102004089 20100113	F24F1/00; F24F5/00; F24F12/00; F24H3/00; F28D1/02; H01M8/06	SYSTEM FOR EXTRACTING HEAT FROM OUTSIDE AIR
US2011200893 A1 20110818	FLUIDIC INC [US]	US201113028496 20110216; US20100304928P 20100216	H01M8/22; C25D3/22	ELECTROCHEMICAL CELL, AND PARTICULARLY A CELL WITH ELECTRODEPOSITED FUEL
US2011316485 A1 20111229	FLUIDIC INC [US]	US201113167930 20110624; US20100358339P 20100624	H02J7/00; H01M4/86; H01M8/22	ELECTROCHEMICAL CELL WITH STEPPED SCAFFOLD FUEL ANODE
US2011165475 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100828396 20100701	H01M8/22	Metal Oxygen Battery Containing Oxygen Storage Materials
US2011165476 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100828392 20100701	H01M8/22	Metal Oxygen Battery Containing Oxygen Storage Materials
US2011165480 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100902215 20101012	H01M8/06	Fuel Cell System And Method Of Using The Same
US2011165484 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100831639 20100707	H01M8/04	FUEL CELL SYSTEM WITH MECHANICAL CHECK VALVE
US2011165485 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100899156 20101006	H01M8/04	Fuel Cell System And Method Of Use
US2011165488 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100721179 20100310	H01M8/04	FUEL CELL SYSTEM AND HEATED PRESSURE SENSOR

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US2011165491 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100777785 20100511	H01M8/24; H01M8/02	FUEL CELL WITH EMBEDDED FLOW FIELD
US2011165496 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100770277 20100429	H01M8/10; H01M4/02; H01M4/88; H01M4/92	Fuel Cell Electrode Assembly and Method of Making the Same
US2011165499 A1 20110707	FORD GLOBAL TECH LLC [US]	US20100787619 20100526	H01M8/02	Fuel Cell System And Method of Use
US2011183228 A1 20110728	FORD GLOBAL TECH LLC [US]	US201113027532 20110215	H01M8/04; B21D22/00; H01M8/00	Bipolar Plates and Electrochemical Cells Employing the Same
US2011262842 A1 20111027	FORD GLOBAL TECH LLC [US]	US20100767854 20100427	H01M8/04; H01M8/24	SYSTEM AND METHOD FOR STORING AND DISCHARGING HEAT IN A VEHICLE
AT517447T T 20110815	FORD MOTOR CO [US]	US19970980496 19971201	H01M8/24; H01M8/04	VERFAHREN UND APPARAT ZUR WASSERHANDHABUNG EINER IONENAUSTAUSCHERMEMBRANE IN EINER BRENSTOFFZELLE
CN201898173U U 20110713	FORD MOTOR CO [US]	US20090561522 20090917	H01M8/10; H01M2/16; H01M8/02	Fuel battery
US2011165492 A1 20110707	FORD MOTOR CO [US]	US20100777797 20100511	H01M8/24; H01M8/02	FUEL CELL HEADER WEDGE
US2011256466 A1 20111020	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201113087476 20110415; US20100324471P 20100415	H01M8/10	MEMBRANE ELECTRODE ASSEMBLY COMPRISING A CATALYST MIGRATION BARRIER LAYER
US2011269057 A1 20111103	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201013143372 20100108; US20090193913P 20090108; WO2010US20466 20100108	H01M8/10; B05D5/12; B32B37/02; H01M4/90	REVERSAL TOLERANT MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL



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US2011318662 A1 20111229	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201013255293 20100312; US20090159633P 20090312; US20090159843P 20090313; US20090159838P 20090313; US20090159628P 20090312; WO2010US27181 20100312	H01M4/92; B01J21/18; B01J23/644; B01J27/045; B01J27/057; B01J27/185; B01J27/24; C01B19/04; C01B21/06; C01B25/08; C01G55/00; C22C5/04; H01M8/04; H01M8/10	PLATINUM PHOSPHIDE AS A CATHODE CATALYST FOR PEMFCS AND PHOSPHOROUS TREATMENT OF CATALYSTS FOR FUEL CELL
US2011189564 A1 20110804	FORMFACTOR INC	US201113015848 20110128; US20100299782P 20100129; US20100332422P 20100507	H01M8/06; H01M4/88; H01M8/00; H01M8/10	FUEL CELL USING CARBON NANOTUBES
AT513323T T 20110715	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	DE20031014483 20030331	H01M8/10; H01M8/04; H01M8/24	NIEDERTEMPERATUR-BRENNSTOFFZELLE SOWIE VERFAHREN ZUM BETREIBEN DERSELBEN
EP2372825 A1 20111005	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	DE201010003643 20100401	H01M8/02; H01M8/24	Fuel cell module
EP2380690 A1 20111026	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	DE201010018366 20100426	B23K1/00; B23K1/005; B23K26/20; B23K26/22; B23K26/24; C04B37/00; H01M8/02	Joining of metallic and/or ceramic materials with the help of a glass ceramic filler material and a laser beam; Joint with two metallic and/or ceramic materials parts

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EP2388101 A1 20111123	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	DE201010018367 20100426	B23K26/20; B23K1/00; B23K1/005; C04B37/00; C21D9/50; H01M8/02	Method of joining of metallic and/or ceramic materials with the help of a glass ceramic filler material
US2011187194 A1 20110804	FRAPORT AG FRANKFURT AIRPORT SERVICES WORLDWIDE [DE]	DE200810020356 20080423; WO2009EP02764 20090415	H02J9/06; H01M8/04	EMERGENCY POWER SUPPLY SYSTEM COMPRISING A FUEL CELL
DE102010012255 A1 20110922	FRAUNHOFER GES FORSCHUNG [DE]	DE201010012255 20100322	H01M8/04	Gas distributor plate for use in e.g. high temperature proton exchange membrane fuel cell, has cooling passages exhibiting dual dimensioning in y-direction, where main course direction of passages is deflected twice by deflections units
WO2011124240 A1 20111013	FRAUNHOFER GES FORSCHUNG [DE]; REUBER SEBASTIAN [DE]; BARTHEL MARKUS [DE]; SCHNEIDER MAREIKE [DE]; KOSZYK STEFANIE [DE]; BELITZ RICO [DE]	DE201010015029 20100409	H01M8/02; F28D7/00; F28D7/10; H01M8/00; H01M8/04; H01M8/06; H01M8/24	SYSTEM HAVING HIGH-TEMPERATURE FUEL CELLS
DE102010023566 A1 20111215	FRAUNHOFER GES FORSCHUNG [DE]; UNIV BERLIN TECH [DE]	DE201010023566 20100610	H01M8/02	Brennstoffzelle und Brennstoffzellenstapel
GR1007390 B 20110908	FRIGOGLASS VIOMICHANIA PSYKTIKON THALAMON A V E E [GR]; ELVIO A E SYSTIMATON PARAGOGIS YDROGONOU KAI ENERGEIAS [GR]; ADVENT TECHNOLOGIES A E [GR]	GR20100100581 20101007	H01M8/10; H01M8/00; H01M8/04; H01M8/06	ENERGY PRODUCTION SYSTEM CONSISTING OF A FUEL CELL AND A FUEL TREATMENT UNIT FOR THE OPERATION OF A REFRIGERATOR IN AREAS WITHOUT ELECTRICITY SUPPLY

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KR20110077655 A 20110707	FUELCELL POWER INC [KR]	KR20090134290 20091230	H01M8/04; H01M8/10	FUEL CELL SYSTEM HAVING SEPARATE TYPE AUXILIARY BURNER AND DRIVING METHOD THEREOF
KR20110085413 A 20110727	FUELCELL POWER INC [KR]; KOREA LAND & AMP HOUSING CORP [KR]	KR20100005188 20100120	H01M8/04; G01R31/36; H01M8/10	FUEL CELL SYSTEM FOR CENTRAL ELECTRIC POWER AND HEAT SUPPLY, AND DRIVING METHOD THEREOF
BRPI1001517 A2 20111011	FUELSTAR CIA DE COMBUSTIVEL RENOVAVEL LTDA [BR]	BR2010PI01517 20100528	H01M8/02	desestabilizador orbital molecular
JP2011138688 A 20110714	FUJI ELECTRIC CO LTD	JP20090297897 20091228	H01M8/02; H01M8/10	FUEL CELL
JP2011163890 A 20110825	FUJI ELECTRIC CO LTD	JP20100026061 20100209	G01N30/88; G01N30/64; H01M8/04; H01M8/10	ION COMPONENT ANALYZING METHOD, AND ION COMPONENT ANALYZER
JP2011192619 A 20110929	FUJI ELECTRIC CO LTD	JP20100060143 20100317	H01M8/04; H01M8/06	FUEL CELL GENERATING APPARATUS, AND METHOD OF OPERATING THE SAME
JP2011216409 A 20111027	FUJI ELECTRIC CO LTD	JP20100085324 20100401	H01M8/04; H01M8/06	FUEL CELL GENERATING DEVICE
JP2011195351 A 20111006	FUJIFILM CORP	JP20100061626 20100317	C01B31/02; B01J21/18; B01J37/08; H01G9/058; H01M4/90; H01M8/10	NITROGEN-CONTAINING CARBON ALLOY, AND CARBON CATALYST USING THE SAME

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JP2011225431 A 20111110	FUJIFILM CORP	JP20100079924 20100330; JP20110070943 20110328	C01B21/082; B01J37/04; B01J37/08; H01G9/058; H01M4/587; H01M4/88; H01M4/90; H01M8/10; H01M12/06	NITROGEN-CONTAINING CARBON ALLOY, METHOD FOR PRODUCING THE SAME, AND CARBON CATALYST USING THE SAME
JP2011181406 A 20110915	FUJIKURA LTD [JP]	JP20100045713 20100302	H01M8/04	EXHAUST TREATMENT APPARATUS FOR FUEL CELL
US2011217610 A1 20110908	FUJIKURA LTD [JP]	JP20100045714 20100302	H01M8/04	CONTROL SYSTEM FOR DIRECT ALCOHOL FUEL CELL
JP2011166970 A 20110825	FUJITSU TOSHIBA MOBILE COMM	JP20100028119 20100210	H02J7/00; H01M8/00; H01M8/04; H01M10/44	ELECTRONIC APPARATUS
DE102011100461 A1 20111103	GABLER ANDREAS [DE]	DE201010019155 20100429; DE201110100461 20110427	H01M4/86; H01M8/02	Gas diffusion electrode for use in e.g. batteries, has hydrophobic structure, gas distribution structure and electron lead structure, where hydrophobic structure is produced by pulsed laser radiation
DE102010004942 A1 20110721	GARZEM MICHAEL [DE]; KLINK SEBASTIAN [DE]; NETTERSHEIM JENS [DE]	DE201010004942 20100118	H01M8/20	Electrochemical energy storage i.e. redox-flow- cell, for storing electrical power in chemical components in liquid form, has container comprising guard, which comprises hydrophobic liquid with low density than that of electrolytes
US2011274988 A1 20111110	GAS TECHNOLOGY INST [US]	US20100776470 20100510	H01M8/22; H01M2/16; H01M4/02; H01M4/583; H01M8/16	BATTERIES, FUEL CELLS, AND OTHER ELECTROCHEMICAL DEVICES

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EP2392686 A1 20111207	GEN ELECTRIC [US]	US20100793368 20100603	C23C10/18; C23C10/20; H01M8/02	Method for manufacturing by aluminium diffusion a surface layer within a fuel cell component and corresponding oxidation resistant component
US2011217616 A1 20110908	GEN ELECTRIC [US]	US20070963308 20071221	H01M8/12; B05D5/12; H01B1/02; H01M8/00; H01M8/24	BOND LAYER FOR A SOLID OXIDE FUEL CELL, AND RELATED PROCESSES AND DEVICES
US2011269054 A1 20111103	GEN ELECTRIC [US]	US201113183161 20110714; US20050312795 20051220	H01M8/10; B23K31/02; H01M8/00	FUEL CELL WITH A BRAZED INTERCONNECT AND METHOD OF ASSEMBLING THE SAME
DE112005000246 B4 20111124	GEN MOTORS CORP [US]	US20040772850 20040205; WO2005US02049 20050121	H01M2/00; H01M2/02; H01M2/14; H01M8/04	Strömungsfeldgeometrien für ein verbessertes Wassermanagement
US2011219773 A1 20110915	GERRISH STEVEN R [US]	US200913129097 20091116; US20080115088P 20081116; WO2009US64590 20091116	F02C3/00; C25B1/04; C25B9/00; F02C7/22; H01M8/06	SYSTEMS AND METHODS FOR PRODUCING HYDROGEN FROM CELLULOSIC AND/OR GRAIN FEEDSTOCKS FOR USE AS A VEHICLE FUEL, USE IN THE PRODUCTION OF ANHYDROUS AMMONIA, AND TO GENERATE ELECTRICITY
US2011183222 A1 20110728	GIACOMINI SPA [IT]	IT2010CO00004 20100127	H01M8/06; F22B31/00	MULTIPURPOSE HYDROGEN GENERATOR SYSTEM
WO2011092540 A1 20110804	GIACOMINI SPA [IT]	IT2010CO00003 20100127	H01M16/00; F23C10/00; H01M8/06; H01M8/18	HYDROGEN GENERATOR SYSTEM FOR A CATALYTIC HYDROGEN BURNER
US2011236796 A1 20110929	GILLETTE COMPANY A DELAWARE CORP	US201113152362 20110603; US20090398264 20090305; US20040933735 20040903	H01M8/22	FUEL CELL SYSTEM

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US2011305961 A1 20111215	GLADKOV PETR [CA]	US201113160719 20110615; US20100354787P 20100615	H01M8/06; B01D53/38; B01D53/46; B01D53/50; B01D53/54; B01D53/62; B01D53/96; C07C1/00; C07C27/00; F23C99/00; H01L31/02; H01M8/18	PROCESS FOR TREATING A FLUE GAS
KR20110133118 A 20111212	GLOBAL BATTERY CO LTD [KR]	KR20100052674 20100604	H01M8/04; G01R31/36; H01M8/10; H01M10/44	A SYSTEM OF HYBRID UPS WITH FUEL CELLS AND METHODS THEREOF
US2011251471 A1 20111013	GLUSENSE LTD	US201113089096 20110418; US20070632587 20071105; WO2005IL00743 20050713; US20050658716P 20050303; US20040588211P 20040714	A61B5/1473; H01M8/16	IMPLANTABLE POWER SOURCES AND SENSORS
CN102117928 A 20110706	GM GLOBAL TECH OPERATIONS INC [US]	US20100683120 20100106	H01M8/10; H01M8/02	Method for mitigating fuel cell chemical degradation
CN102130349 A 20110720	GM GLOBAL TECH OPERATIONS INC [US]	US20100690672 20100120	H01M8/04; G01R31/36	Detection method for membrane and electrode failures in fuel cell stacks
CN102136587 A 20110727	GM GLOBAL TECH OPERATIONS INC [US]	US20100693251 20100125	H01M8/04	Optimized cathode filling strategy for fuel cell

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CN102148383 A 20110810	GM GLOBAL TECH OPERATIONS INC [US]	US20100701974 20100208	H01M8/02	Hybrid seal application process
CN102148387 A 20110810	GM GLOBAL TECH OPERATIONS INC [US]	US20100701929 20100208	H01M8/10; H01M4/86; H01M8/02; H01M8/24	Conductive porous spacers for nested stamped plate fuel cell
CN102148391 A 20110810	GM GLOBAL TECH OPERATIONS INC [US]	US20100701892 20100208	H01M8/24; H01M8/04	Microtruss water vapor transport device
CN102163723 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100708761 20100219	H01M8/02	High tortuosity diffusion medium
CN102163727 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100708893 20100219	H01M8/04; F16J12/00	Pressure vessel including ceramifying polymer for improved heat resistance
CN102163728 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100711144 20100223	H01M8/04; G01N25/02	Method for detecting orifice flow phase transition in a pressure-controlled anode
CN102163730 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100707572 20100217	H01M8/24; H01M8/02	Plate interconnect method for an embedded fuel cell sensor
CN102163731 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100708935 20100219	H01M8/24; H01M8/04	Compressor system with a freewheeling expander
CN102163732 A 20110824	GM GLOBAL TECH OPERATIONS INC [US]	US20100709693 20100222	H01M8/24; H01M8/04	Fuel cell stack discrete header
CN102169970 A 20110831	GM GLOBAL TECH OPERATIONS INC [US]	US20100713824 20100226	H01M2/02; G01R31/36; H01M8/24	Fuel cell stack enclosure
CN102191499 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100727628 20100319	C23C26/00; H01M4/88; H01M8/02	Method of coating a substrate with nanoparticles including a metal oxide
CN102195048 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100727600 20100319	H01M8/02	Selectively coated bipolar plates for water management and freeze start in PEM fuel cells
CN102195053 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100725697 20100317	H01M8/04	PEM fuel cell stack hydrogen distribution insert

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CN102195054 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100725874 20100317	H01M8/04	Gas temperature moderation within compressed gas vessel through heat exchanger
CN102195064 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100725974 20100317	H01M8/24; H01M8/04	Adaptive loading of a fuel cell
CN102195065 A 20110921	GM GLOBAL TECH OPERATIONS INC [US]	US20100725771 20100317	H01M8/24; H01M8/04	Variable anode flow rate for fuel cell vehicle start-up
CN102201584 A 20110928	GM GLOBAL TECH OPERATIONS INC [US]	US20100728816 20100322	H01M8/04	Diagnosis concept for valve controlled coolant bypass paths
CN102234350 A 20111109	GM GLOBAL TECH OPERATIONS INC [US]	US20100761498 20100416	C08F216/14; C08F8/22; C08F8/36; H01M8/02	Combination of main-chain and side-chain sulfonation of PFCB-6F high-temperature fuel cell membranes
CN102237536 A 20111109	GM GLOBAL TECH OPERATIONS INC [US]	US20100775149 20100506	H01M8/04	Adaptive method to control fuel delivery injector in a fuel cell system
CN102237539 A 20111109	GM GLOBAL TECH OPERATIONS INC [US]	US20100755315 20100406	H01M8/04	Using an effectiveness approach to model a fuel cell membrane humidification device
CN102250367 A 20111123	GM GLOBAL TECH OPERATIONS INC [US]	US20100726061 20100317	C08J5/18; C08F8/34; C08F8/38; C08L27/16; C08L53/00; H01M2/16; H01M4/86; H01M8/02	Polyelectrolyte membranes derived from soluble perfluorocyclobutane polymers with sulfonyl chloride groups
CN102252141 A 20111123	GM GLOBAL TECH OPERATIONS INC [US]	US20100687481 20100114	F16L19/03; F16L47/04; H01M8/02	Tube fitting connection
CN102255090 A 20111123	GM GLOBAL TECH OPERATIONS INC [US]	US20100784882 20100521	H01M8/02	End Cell thermal barrier having variable rproperties
CN102255095 A 20111123	GM GLOBAL TECH OPERATIONS INC [US]	US20100784920 20100521	H01M8/10; H01M4/88; H01M4/94	Low level cerium mitigation with electrode edge protection



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DE102011007948 A1 20110901	GM GLOBAL TECH OPERATIONS INC [US]	US20100684399 20100108	H01M8/02	Prozess zur Bildung einer Membran- Unterichtungs-Anordnung unter Verwendung einer Unterdruckdichtung
DE102011008033 A1 20110721	GM GLOBAL TECH OPERATIONS INC [US]	US20100684149 20100108	H01M8/02	Reversible Superhydrophile-Superhydrophobe Beschichtung für Brennstoffzellen-Bipolarplatten sowie Verfahren zur Herstellung derselben
DE102011008720 A1 20110901	GM GLOBAL TECH OPERATIONS INC [US]	US20100690618 20100120	H01M8/02	Wasserstoffsensormanordnung
DE102011008799 A1 20110901	GM GLOBAL TECH OPERATIONS INC [US]	US20100691511 20100121	H01M8/04	Frühe Detektion einer minimalen Zellenspannungsdegradation eines Brennstoffzellenstapels
DE102011010360 A1 20110818	GM GLOBAL TECH OPERATIONS INC [US]	US20100704870 20100212	H01M10/42; H01M8/04	Batterie- und Wasserstoffbrennstoffzellenladeregler
DE102011017417 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US20100765042 20100422; US201113000034 20110225	H01M8/02	Bipolar plate assembly for fuel cell used as power source in motor car, has unipolar cathode and anode plates formed by deposition process with thickness of material of low contact resistance and high corrosion resistance on substrate
DE102011103237 A1 20111208	GM GLOBAL TECH OPERATIONS INC [US]	US20100796320 20100608	H01M8/04	WATER VAPOR TRANSFER ASSEMBLY
US2011165479 A1 20110707	GM GLOBAL TECH OPERATIONS INC [US]	US201113050455 20110317; US20030641565 20030815	H01M8/06; H01M8/02; H01M8/04	Charge Air Humidification of Fuel Cells
US2011183235 A1 20110728	GM GLOBAL TECH OPERATIONS INC [US]	US20100695611 20100128	H01M8/12; H01M8/04	BIPOLAR PLATE WITH REDUCED COOLANT VOLUME AND ASYMMETRIC HEAT REMOVAL
US2011189569 A1 20110804	GM GLOBAL TECH OPERATIONS INC [US]	US20100696745 20100129	H01M8/04	AUTO-LEARNING OF BASE STACK RESISTANCE FOR HFR BASED RH CONTROL
US2011189573 A1 20110804	GM GLOBAL TECH OPERATIONS INC [US]	US20100699773 20100203	H01M8/04	ONLINE ANODE PRESSURE BIAS TO MAXIMIZE BLEED VELOCITY WHILE MEETING EMISSION CONSTRAINT

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US2011189580 A1 20110804	GM GLOBAL TECH OPERATIONS INC [US]	US20100699968 20100204	H01M8/10; H01M4/88	CO-DEPOSITION OF CONDUCTIVE MATERIAL AT THE DIFFUSION MEDIA/PLATE INTERFACE
US2011195324 A1 20110811	GM GLOBAL TECH OPERATIONS INC [US]	US20100939867 20101104; US20100303108P 20100210	H01M8/06	METHODS AND PROCESSES TO RECOVER VOLTAGE LOSS OF PEM FUEL CELL STACK
US2011195335 A1 20110811	GM GLOBAL TECH OPERATIONS INC [US]	US20100701989 20100208	H01M8/10; H01M2/08; H01M8/04	SHEARED EDGE ON FUEL CELL COMPONENTS FOR WICKING OF WATER
US2011195344 A1 20110811	GM GLOBAL TECH OPERATIONS INC [US]	US20100701864 20100208	H01M8/04; F16K99/00	PASSIVE WATER DRAIN
US2011200895 A1 20110818	GM GLOBAL TECH OPERATIONS INC [US]	US20100708461 20100218	H01M8/06	METHOD TO AUTOMATICALLY ENABLE/DISABLE STACK RECONDITIONING PROCEDURE BASED ON FUEL CELL STACK PARAMETER ESTIMATION
US2011200900 A1 20110818	GM GLOBAL TECH OPERATIONS INC [US]	US20100707387 20100217	H01M8/04	FEED FORWARD FUEL CONTROL ALGORITHM TO DECREASE FUEL CELL VEHICLE START UP TIME
US2011207010 A1 20110825	GM GLOBAL TECH OPERATIONS INC [US]	US201113092223 20110422; US20050130825 20050517	H01M8/04	Relative Humidity Control For A Fuel Cell
US2011213516 A1 20110901	GM GLOBAL TECH OPERATIONS INC [US]	US20100713722 20100226	G06F19/00; H01M8/04	HEEL AND TOE DRIVING ON FUEL CELL VEHICLE
US2011217609 A1 20110908	GM GLOBAL TECH OPERATIONS INC [US]	US20100716333 20100303	H01M8/04	FUEL CELL STACK OPERATION
US2011217612 A1 20110908	GM GLOBAL TECH OPERATIONS INC [US]	US20100719156 20100308	H01M8/24; H01M8/04	METHOD TO MEASURE AND COMMUNICATE CELL VOLTAGE IN A FUEL CELL STACK BY EMBEDDING MEASUREMENT UNITS ON THE PLATE

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US2011217613 A1 20110908	GM GLOBAL TECH OPERATIONS INC [US]	US20100719367 20100308	H01M8/04	METHOD FOR COLLECTION AND COMMUNICATION OF MEASURED DATA WITHIN A FUEL CELL STACK
US2011223505 A1 20110915	GM GLOBAL TECH OPERATIONS INC [US]	US20100724262 20100315	H01M8/04	ADAPTIVE METHOD FOR CONVERSION OF EXTERNAL POWER REQUEST TO CURRENT SETPOINT TO A FUEL CELL SYSTEM BASED ON STACK PERFORMANCE
US2011223506 A1 20110915	GM GLOBAL TECH OPERATIONS INC [US]	US20100724170 20100315	H01M8/04	METHOD FOR HV BUS VOLTAGE CONTROL IN FUEL CELL VEHICLES FEATURING HV LITHIUM BATTERIES
US2011223513 A1 20110915	GM GLOBAL TECH OPERATIONS INC [US]	US20100720748 20100310	H01M8/24; H01M8/04	PEM FUEL CELL STACK HYDROGEN DISTRIBUTION INSERT
US2011236788 A1 20110929	GM GLOBAL TECH OPERATIONS INC [US]	US20100731216 20100325	H01M8/10; H01M4/88	METHOD FOR MEMBRANE ELECTRODE ASSEMBLY FABRICATION AND MEMBRANE ELECTRODE ASSEMBLY
US2011244346 A1 20111006	GM GLOBAL TECH OPERATIONS INC [US]	US20100751361 20100331	H01M8/04	METHOD OF ENTERING AND EXITING A REGENERATIVE/STAND-BY MODE ON A FUEL CELL SYSTEM WHERE THE FUEL CELL IS SEPARATED FROM THE REGENERATIVE SOURCE BY A BLOCKING POWER DIODE
US2011244347 A1 20111006	GM GLOBAL TECH OPERATIONS INC [US]	US20100752356 20100401	H01M8/04	COMPRESSION FILL OF ANODE OF A FUEL CELL SYSTEM
US2011244348 A1 20111006	GM GLOBAL TECH OPERATIONS INC [US]	US20100754279 20100405	H01M8/04	FEEDBACK CONTROL OF H2 INJECTION DURING PARK BASED ON GAS CONCENTRATION MODEL
US2011244349 A1 20111006	GM GLOBAL TECH OPERATIONS INC [US]	US20100754298 20100405	H01M8/04	METHOD TO DETECT NO COOLANT FLOW IN A FUEL CELL SYSTEM
US2011244355 A1 20111006	GM GLOBAL TECH OPERATIONS INC [US]	US20100752194 20100401	H01M8/24; H01M8/00	FUEL CELL STACK COMPRESSION ENCLOSURE APPARATUS
US2011254198 A1 20111020	GM GLOBAL TECH OPERATIONS INC [US]	US201113166939 20110623; US20060368057 20060303	H01M8/00; B29C45/14; H01M8/24	FUEL CELLS COMPRISING MOLDABLE GASKETS, AND METHODS OF MAKING

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US2011256467 A1 20111020	GM GLOBAL TECH OPERATIONS INC [US]	US20100761501 20100416	H01M8/10	Cobalt(II) Tetramethoxyphenylporphyrin (CoTMPP) Ionomer Stabilization to Prevent Electrode Degradation
US2011256471 A1 20111020	GM GLOBAL TECH OPERATIONS INC [US]	US20100763449 20100420	H01M8/04; H01M2/08; H01M8/00	BIPOLAR PLATE ASSEMBLY WITH THERMOPLASTIC SEALANT AND METHOD THEREFOR
US2011262822 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US20100764749 20100421	H01M8/04	CONTROLS GIVING -25 DEG C FREEZE START CAPABILITY TO A FUEL CELL SYSTEM
US2011262824 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US20100766412 20100423	H01M8/24	APPARATUS FOR A 12V HYBRID FUEL CELL VEHICLE
US2011262826 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US201113034870 20110225; US20100765042 20100422	H01M8/24; B32B38/00; B32B38/10; H01M8/00; H01M8/04	FORMED PLATE ASSEMBLY FOR PEM FUEL CELL
US2011262829 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US20100765049 20100422	H01M8/24; B05D5/12; C25D5/00; H01M4/64	ELECTROFORMED BIPOLAR PLATES FOR FUEL CELLS
US2011262838 A1 20111027	GM GLOBAL TECH OPERATIONS INC [US]	US201113179925 20110711; US20050120710 20050503	H01M8/10; B01J39/18	Triblock Copolymers with Acidic Groups
US2011281195 A1 20111117	GM GLOBAL TECH OPERATIONS INC [US]	US20100778470 20100512	H01M8/24; B32B37/12; C08F10/02; C08F10/06; C08F10/08; C08F10/14; C08F210/00	FUEL CELL ADHESIVE AND PROCESS OF MAKING THE SAME
US2011287327 A1 20111124	GM GLOBAL TECH OPERATIONS INC [US]	US20100784060 20100520	H01M8/04; G01M3/04	DETECTION OF SMALL ANODE LEAKS IN FUEL CELL SYSTEMS

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US2011294029 A1 20111201	GM GLOBAL TECH OPERATIONS INC [US]	US201113094360 20110426; US20060463384 20060809; US20050089526 20050324; US20050068489 20050228; US20050707691P 20050812	H01M8/04; H05H1/24	HYDROPHILIC COATING FOR FUEL CELL BIPOLAR PLATE AND METHODS OF MAKING THE SAME
US2011294037 A1 20111201	GM GLOBAL TECH OPERATIONS INC [US]	US20100788915 20100527	H01M8/10; H01M4/02	ELECTRODE CONTAINING NANOSTRUCTURED THIN CATALYTIC LAYERS AND METHOD OF MAKING
JP2011192653 A 20110929	GM GLOBAL TECH OPERATIONS INC [US]; SPECTRACORP	US20060378224 20060317	H01M4/88; D21H13/50; D21H21/14; H01M4/96	GAS DIFFUSION MEDIA, AND FUEL CELL
US2011262831 A1 20111027	GM GLOBAL TECHNOLOGY OPERATIONS INC [US]	US20100765042 20100422	H01M8/10; H01M8/00; H01M8/04	FORMED PLATE ASSEMBLY FOR PEM FUEL CELL
WO2011134018 A1 20111103	GOMEZ RODOLFO ANTONIO M [AU]	AU20100901836 20100430	H01M10/44; H01M8/18; H01M8/20	NON-DIFFUSION LIQUID ENERGY STORAGE DEVICE

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JP2011253825 A 20111215	GORE ENTERPRISE HOLDINGS INC	US19970927739 19970911	H01M4/88; B01J23/42; B01J37/02; C23C14/18; C23C16/26; C23C16/30; C23C16/44; C23C16/48; H01M4/86; H01M4/90; H01M8/10	METHOD OF DEPOSITING ELECTROCATALYST AND ELECTRODES FORMED BY SUCH METHOD
US2011177424 A1 20110721	GOTO TAICHI [JP]	JP20100009250 20100119	H01M4/86; H01M4/88; H01M8/10	ELECTROLYTE-ELECTRODE JOINED ASSEMBLY AND METHOD FOR PRODUCING THE SAME
US2011207002 A1 20110825	GREATPOINT ENERGY INC [US]	US201113031486 20110221; US20100307226P 20100223	H01M8/06	Integrated Hydromethanation Fuel Cell Power Generation
US2011217602 A1 20110908	GREATPOINT ENERGY INC [US]	US201113039995 20110303; US20100311652P 20100308	H01M8/06	Integrated Hydromethanation Fuel Cell Power Generation
KR20110097020 A 20110831	GS CALTEX CORP [KR]	KR20100016627 20100224	H01M8/04; H02H7/00	APPARATUS AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
KR20110101823 A 20110916	GS CALTEX CORP [KR]	KR20100021108 20100310	H01M8/04; G01R31/36; H01M10/44; H01M10/48	APPARATUS AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
JP2011154926 A 20110811	GS YUASA CORP	JP20100016285 20100128	H01M8/04; H01M8/00	FUEL CELL SYSTEM

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JP2011175915 A 20110908	GS YUASA CORP	JP20100040143 20100225	H01M8/02; H01M8/04	DIRECT FUEL CELL, DIRECT FUEL CELL SYSTEM, AND METHOD OF OPERATING DIRECT FUEL CELL
JP2011249226 A 20111208	GS YUASA CORP	JP20100123049 20100528	H01M4/88; H01M4/86; H01M4/90	METHOD OF MANUFACTURING FUEL CELL CATALYST
CN102157744 A 20110817	GUANGDONG ELECTRONIC TECHNOLOGY RES INST	CN20111060779 20110314	H01M8/04	Constant voltage discharge adjusting device of fuel cell and adjusting method thereof
CN202025824U U 20111102	GUANGDONG INST OF ECO ENVIRONMENT AND SOIL SCIENCES	CN20112067748U 20110315	H01M8/16; B09C1/00; H01M8/02	Soil microorganism fuel cell installation for in-situ remediation of organically polluted soil
CN102117925 A 20110706	GUANGZHOU CHEMICAL CO LTD CAS; FOSHAN FUNCTIONAL POLYMER MATERIALS AND FINE CHEMICALS PROFESSIONAL CT	CN20111022159 20110120	H01M8/02; C08G81/02; C08L87/00; H01M2/16	Structure controllable phosphorylated polymer composite film used for vanadium battery and preparation method thereof
CN102167785 A 20110831	GUANGZHOU CHEMISTRY CO LTD CHINESE ACADEMY OF SCIENCES; FOSHAN FUNCTIONAL POLYMER MATERIALS AND FINE CHEMICALS PROFESSIONAL CT	CN20111022171 20110120	C08F283/00; C08F8/40; C08F220/22; C08F230/08; C08G75/20; C08J5/18; C08J7/12; H01M2/16; H01M8/02	Phosphorylated polymer composite film for full vanadium flow battery and preparation method thereof
JP2011253668 A 20111215	GUNZE KK	JP20100125769 20100601	H01M4/96; H01M4/88	FUEL CELL GAS DIFFUSION MEMBRANE AND MANUFACTURING METHOD THEREOF
JP2011258360 A 20111222	GUNZE KK	JP20100130638 20100608	H01M8/02; B32B27/12; B32B27/32; H01M4/86; H01M8/04	COMPOSITE SHEET FOR DIRECT METHANOL FUEL CELL

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JP2011191089 A 20110929	GUNZE KK; UNIV OSAKA PREFECTURE	JP20100055390 20100312	G01N27/416; G01N27/406	HYDROGEN GAS SENSOR
US2011195345 A1 20110811	HAGO WILSON [US]	US20100703054 20100209	H01M8/02	Anionic membrane
KR20110075118 A 20110706	HALLA CLIMATE CONTROL CORP [KR]	KR20090131467 20091228	B60L11/18; B60K1/00; H01M8/06	THE EXHAUSTION APPARATUS OF SURPLUS ELECTRIC ENERGY FOR VEHICLE
US2011204022 A1 20110825	HAMILTON SUNDSTRAND CORP [US]	US201113097161 20110429; US20040814019 20040331	H01M4/04; B32B37/02; B32B37/06; B32B37/10; B32B37/26; B32B38/10; H01M2/00; H01M2/02; H01M2/08; H01M8/02	(A1 B2) HARDWARE SYSTEM FOR HIGH PRESSURE ELECTROCHEMICAL CELL
CN102157746 A 20110817	HARBIN INST OF TECHNOLOGY	CN20111057466 20110310	H01M8/24; H01M2/20; H01M4/90; H01M8/02; H01M8/10	Jet air supply type single-chamber solid oxide fuel cell stack
CN102208669 A 20111005	HARBIN INST OF TECHNOLOGY	CN20111107419 20110427	H01M8/06; H01M4/86; H01M8/10	Solid oxide fuel cell taking sludge thermal gas as fuel and generating method thereof
CN102231440 A 20111102	HARBIN JIATAIDA SCIENCE & TECHNOLOGY CO LTD	CN20111099607 20110420	H01M8/16; C02F3/34; H01M4/96; H01M8/02	Water body sediment microbiological fuel cell generating set and cathode processing method thereof
CN201902241U U 20110720	HEBEI NEW ENERGY POWER GROUP CO LTD	CN20102676756U 20101223	F01K27/02; H01M8/06	Generating device utilizing discharge smoke waste heat of gas turbine engine



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CN102208671 A 20111005	HEFEI UNIVERSITY	CN20111123533 20110513	H01M8/16	Microbiological fuel cell
FR2959065 A1 20111021	HELION [FR]	FR20100053020 20100420	H01M8/06	DISPOSITIF DE STOCKAGE ET DE RESTITUTION D'ENERGIE ELECTRIQUE
EP2360115 A1 20110824	HELMHOLTZ ZENT B MAT & ENERG [DE]; CONSEJO SUPERIOR INVESTIGACION [ES]	EP20100153537 20100212; EP20100194892 20101214	B81C99/00	Method of producing a polymer stamp for the reproduction of devices comprising microstructures and nanostructures, a corresponding polymer stamp, and a corresponding device
AT529905T T 20111115	HENKEL AG & CO KGAA [DE]	US20010888306 20010622	C09D5/02; H01M2/02; C09D5/24; C09D109/02; C09D125/10; C09D125/14; C09D161/28; C09D163/00; C09D179/00; C09D201/00; H01B1/24; H01G9/016; H01G9/058; H01G9/06; H01M4/60; H01M4/64; H01M4/66; H01M4/96; H01M8/02	DISPERSION ZUM BESCHICHTEN VON KATHODEN
WO2011137895 A2 20111110	HENZE WERNER [DE]; BANI IBRAHIM [DE]; GAUB LOTHAR [DE]	DE201010019408 20100504	H01M8/18; H01M8/04	REDOX BATTERY SYSTEM

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US2011200894 A1 20110818	HEXIS AG [CH]	EP20100153483 20100212	H01M8/06	Fuel cell system
US8083816 B1 20111227	HIRSCH ROBERT L [US]; HIRSCH GREGORY SCOTT [US]	US20100887589 20100922; US20090246114P 20090926	B01J7/00; C01B3/02; C01B3/08; C01B3/36; C01B6/24; H01M8/06	Production of hydrogen by means of a mechanical scraper on aluminum in an aqueous medium
AT528814T T 20111015	HITACHI CHEMICAL CO LTD [JP]	WO1999JP06817 19991206	H01M8/02	BRENNSTOFFZELLE, BRENNSTOFFZELLENSeparator UND HERSTELLUNGSVERFAHREN DAFÜR
JP2011210572 A 20111020	HITACHI CHEMICAL CO LTD [JP]	JP20100077670 20100330	H01M4/86; C08K3/00; C08K3/04; C08K5/00; C08L71/10; C08L81/06; C08L101/00; H01M4/96; H01M8/10	BINDER FOR MEMBRANE-ELECTRODE ASSEMBLY, AND MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL
CN102195058 A 20110921	HITACHI LTD [JP]	JP20100060105 20100317	H01M8/10; H01M8/04	Solid polymer fuel cell
EP2372823 A2 20111005	HITACHI LTD [JP]	JP20100086376 20100402	H01M4/88; H01M8/10	Electrode catalyst material and method of manufacturing the same
JP2011150886 A 20110804	HITACHI LTD [JP]	JP20100011038 20100121	H01M8/06; H01M8/04	WATER-RECYCLING TYPE FUEL CELL SYSTEM
JP2011181187 A 20110915	HITACHI LTD [JP]	JP20100041237 20100226	H01M8/02	SEPARATOR FOR FUEL CELL, AND FUEL CELL
JP2011216380 A 20111027	HITACHI LTD [JP]	JP20100084761 20100401	H01M8/02; H01M4/86; H01M8/10	SOLID POLYMER ELECTROLYTE FUEL CELL

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JP2011216381 A 20111027	HITACHI LTD [JP]	JP20100084779 20100401	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL BATTERY
JP2011222130 A 20111104	HITACHI LTD [JP]	JP20100086367 20100402	H01M8/02	LAMINATED FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011253657 A 20111215	HITACHI LTD [JP]	JP20100125512 20100601	H01M8/02	FUEL CELL SEPARATOR AND FUEL CELL
JP2011251916 A 20111215	HITACHI LTD [JP]; JX NIPPON OIL & ENERGY CORP	JP20100125043 20100531	C07C5/367; C01B3/02; C01B3/26; C07C15/06; C25B1/04; F02M21/02; H01M8/06; H01M8/12	SYSTEM FOR DEHYDROGENATING ORGANIC HYDRIDE
AT524414T T 20110915	HITACHI MAXELL ENERGY LTD [JP]	JP20050209325 20050720; JP20060083467 20060324; JP20060113209 20060417; WO2006JP14177 20060718	C01B3/08; B22F1/00; B22F9/04; H01M8/06	WASSERSTOFFERZEUGENDES MATERIAL UND VERFAHREN ZUR HERSTELLUNG VON WASSERSTOFFERZEUGENDEM MATERIAL
JP2011146145 A 20110728	HITACHI MAXELL ENERGY LTD [JP]	JP20100003818 20100112	H01M8/06; H01M8/00; H01M8/04	FUEL CELL SYSTEM
JP2011165395 A 20110825	HITACHI MAXELL ENERGY LTD [JP]	JP20100024387 20100205	H01M8/24; H01M8/10	FUEL CELL
JP2011190119 A 20110929	HITACHI MAXELL ENERGY LTD [JP]	JP20100054857 20100311	C01B3/08; H01M8/00; H01M8/06	HYDROGEN PRODUCTION METHOD, HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011206756 A 20111020	HITACHI MAXELL ENERGY LTD [JP]	JP20100054852 20100311; JP20100155095 20100707	B01D45/02; C01B3/06; C01B3/50; H01M8/04; H01M8/06	GAS-LIQUID SEPARATOR, HYDROGEN PRODUCTION APPARATUS, AND FUEL CELL SYSTEM

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JP2011236103 A 20111124	HITACHI MAXELL ENERGY LTD [JP]	JP20100111096 20100513	C01B3/08	CONTAINER FOR HOLDING HYDROGEN-GENERATION MATERIAL
JP2011243447 A 20111201	HITACHI MAXELL ENERGY LTD [JP]	JP20100115344 20100519	H01M8/04; H01M8/00; H01M8/06	FUEL CELL CONTROL SYSTEM
JP2011258446 A 20111222	HITACHI MAXELL ENERGY LTD [JP]	JP20100132955 20100610	H01M8/06; C01B3/08; H01M8/00; H01M8/04	FUEL CELL SYSTEM
TWI345851B B 20110721	HON HAI PREC IND CO LTD [TW]	TW20050129213 20050826	H01M8/02	Portable fuel cell
AT529910T T 20111115	HONDA MOTOR CO LTD [JP]	JP20050377774 20051228; WO2006JP25128 20061211	H01M8/02; H01M8/04; H01M8/12	BRENNSTOFFZELLE UND BRENNSTOFFZELLENSTAPEL
CN102130353 A 20110720	HONDA MOTOR CO LTD [JP]	JP20100010346 20100120	H01M8/10; H01M4/86; H01M8/02	Solid high-polymer fuel cell
CN102136591 A 20110727	HONDA MOTOR CO LTD [JP]	JP20100012380 20100122	H01M8/10; B60K1/04; H01M8/04	Fuel cell system
CN102136592 A 20110727	HONDA MOTOR CO LTD [JP]	JP20100015903 20100127	H01M8/24; H01M8/04	Fuel cell stack
CN102214832 A 20111012	HONDA MOTOR CO LTD [JP]	JP20100088293 20100407; JP20110022018 20110203	H01M8/04	Fuel cell
JP2011134448 A 20110707	HONDA MOTOR CO LTD [JP]	JP20090290035 20091222	H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2011134465 A 20110707	HONDA MOTOR CO LTD [JP]	JP20090290572 20091222	H01M8/02; H01M8/10	SOLID ELECTROLYTE FUEL CELL
JP2011134530 A 20110707	HONDA MOTOR CO LTD [JP]	JP20090291752 20091224	H01M8/04; H01M8/00; H01M8/02; H01M8/10	CONTROL METHOD OF FUEL CELL SYSTEM

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JP2011134558 A 20110707	HONDA MOTOR CO LTD [JP]	JP20090292602 20091224	H01M8/24	FUEL CELL SYSTEM
JP2011134559 A 20110707	HONDA MOTOR CO LTD [JP]	JP20090292609 20091224	H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
JP2011137207 A 20110714	HONDA MOTOR CO LTD [JP]	JP20090297861 20091228	C22C45/08; B22F1/00; C01B3/00; C22C1/00; C22C21/06; C22C23/02; C22C45/00	HYDROGEN STORAGE MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011138657 A 20110714	HONDA MOTOR CO LTD [JP]	JP20090297026 20091228	H01M4/86; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
JP2011141082 A 20110721	HONDA MOTOR CO LTD [JP]	JP20100002017 20100107	F24F6/04; F24F6/00; H01M8/04	HUMIDIFIER
JP2011141083 A 20110721	HONDA MOTOR CO LTD [JP]	JP20100002018 20100107	F24F6/04; B01D53/22; B01D63/02; H01M8/04	HUMIDIFICATION MODULE
JP2011142113 A 20110721	HONDA MOTOR CO LTD [JP]	JP20110097460 20110425	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2011143347 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100006061 20100114	B01D63/02; B01D63/00; F24F6/04	HOLLOW FIBER MEMBRANE MODULE FOR MOISTURE EXCHANGE
JP2011144055 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100003987 20100112	C01B3/38; H01M8/04	FUEL REFORMING APPARATUS
JP2011146160 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100004193 20100112	H01M8/04; H01M8/00	FUEL-CELL STACK AND FUEL-CELL VEHICLE

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JP2011146161 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100004194 20100112	H01M8/24; H01M8/00; H01M8/04	FUEL-CELL STACK AND FUEL-CELL VEHICLE
JP2011146247 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100006052 20100114	H01M8/04; H01M8/02	FUEL CELL STACK
JP2011146293 A 20110728	HONDA MOTOR CO LTD [JP]	JP20100007112 20100115	H01M8/04; H01M8/10; H01M8/24	METHOD OF AGING SOLID POLYMER TYPE FUEL CELL
JP2011148484 A 20110804	HONDA MOTOR CO LTD [JP]	JP20090296506 20091226; JP20100286741 20101222	B60K6/40; B60K1/04; B60K6/22; B60K6/46; B60K8/00; B60K11/02; B60K15/03; B60L11/12; B60L11/18; H01M8/00; H01M8/04; H01M10/44; H01M10/46; H02J7/00; H02J7/10; H02J7/34	POWER SOURCE SYSTEM
JP2011149545 A 20110804	HONDA MOTOR CO LTD [JP]	JP20100013440 20100125	F17C13/12; F17C13/04; H01M8/00; H01M8/04	GAS TANK
JP2011150813 A 20110804	HONDA MOTOR CO LTD [JP]	JP20100009247 20100119	H01M4/86; H01M8/02; H01M8/12	ELECTROLYTE-ELECTRODE ASSEMBLY AND METHOD FOR MANUFACTURING THE SAME
JP2011150851 A 20110804	HONDA MOTOR CO LTD [JP]	JP20100010285 20100120	H01M8/24; H01M8/02	FUEL CELL STACK

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JP2011150940 A 20110804	HONDA MOTOR CO LTD [JP]	JP20100012379 20100122	H01M8/24; H01M8/00; H01M8/04	FUEL CELL SYSTEM
JP2011150941 A 20110804	HONDA MOTOR CO LTD [JP]	JP20100012381 20100122	H01M8/24; H01M8/00; H01M8/04	FUEL CELL SYSTEM
JP2011154802 A 20110811	HONDA MOTOR CO LTD [JP]	JP20100014047 20100126	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM
JP2011154969 A 20110811	HONDA MOTOR CO LTD [JP]	JP20100017161 20100128	H01M8/02; H01M8/10	METHOD OF MANUFACTURING MEMBRANE ELECTRODE STRUCTURE
JP2011155011 A 20110811	HONDA MOTOR CO LTD [JP]	JP20110063048 20110322	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011157240 A 20110818	HONDA MOTOR CO LTD [JP]	JP20100021905 20100203	C01B3/00; B22F1/00; B22F9/20; C22C1/04; C22C29/00; C22C32/00; C22C45/08	HYDROGEN STORAGE MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011160590 A 20110818	HONDA MOTOR CO LTD [JP]	JP20100021403 20100202	B60L11/18; B60L9/18; H01M8/00; H01M8/04; H01M10/48; H02J7/00	FUEL BATTERY VEHICLE
JP2011161450 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100023333 20100204	B23K37/04; B23K31/00	WELDING TOOL DEVICE AND WELDING METHOD
JP2011162818 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100024590 20100205	C25B1/12; C25B9/00	WATER ELECTROLYSIS SYSTEM AND METHOD OF REPLACING ADSORPTION DEVICE

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JP2011165362 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100023800 20100205	H01M4/96; H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE STRUCTURE FOR FUEL CELL, AND METHOD OF MANUFACTURING THE SAME
JP2011165432 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100025490 20100208	H01M8/02	FUEL CELL
JP2011165516 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100028013 20100210	H01M8/04; H01M4/86; H01M8/02; H01M8/12; H05B6/74; H05B6/80	SOLID OXIDE FUEL CELL
JP2011165569 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100029140 20100212	H01M8/24; H01M8/02	FUEL CELL STACK
JP2011165570 A 20110825	HONDA MOTOR CO LTD [JP]	JP20100029160 20100212	H01M8/02; H01M8/24	FUEL CELL
JP2011170978 A 20110901	HONDA MOTOR CO LTD [JP]	JP20100030915 20100216	H01M8/06; B01D45/02	EXHAUST GAS TREATING DEVICE
JP2011171099 A 20110901	HONDA MOTOR CO LTD [JP]	JP20100033396 20100218	H01M4/88; H01M8/10	MANUFACTURING METHOD OF PASTE FOR ELECTRODE CATALYST LAYER OF FUEL CELL
JP2011171115 A 20110901	HONDA MOTOR CO LTD [JP]	JP20100033778 20100218	H01M8/02	FUEL CELL
JP2011171222 A 20110901	HONDA MOTOR CO LTD [JP]	JP20100035879 20100222	H01M8/02; H01M8/10	FUEL CELL
JP2011175807 A 20110908	HONDA MOTOR CO LTD [JP]	JP20100038060 20100224	H01M8/02; H01M8/00; H01M8/10; H01M8/24	ON-VEHICLE FUEL CELL STACK
JP2011175808 A 20110908	HONDA MOTOR CO LTD [JP]	JP20100038062 20100224	H01M8/24	FUEL BATTERY CELL STACK



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JP2011175880 A 20110908	HONDA MOTOR CO LTD [JP]	JP20100039599 20100225	H01M8/24; H01M8/02; H01M8/10	FUEL CELL
JP2011178348 A 20110915	HONDA MOTOR CO LTD [JP]	JP20100047060 20100303	B60K1/04; B60K8/00; B60L11/18; B60L15/10; H01M2/10; H01M8/00; H01M8/04	POWER SOURCE SYSTEM FOR VEHICLE
JP2011179333 A 20110915	HONDA MOTOR CO LTD [JP]	JP20100041593 20100226	F04F5/46; F04F5/20; F04F5/44; F04F5/48; H01M8/04	FUEL CIRCULATING DEVICE
JP2011185426 A 20110922	HONDA MOTOR CO LTD [JP]	JP20100054580 20100311	F17C13/00; F17C1/00	GAS TANK
JP2011187313 A 20110922	HONDA MOTOR CO LTD [JP]	JP20100051578 20100309	H01M8/04; C02F1/42; H01M8/00	FUEL CELL SYSTEM
JP2011187328 A 20110922	HONDA MOTOR CO LTD [JP]	JP20100051948 20100309	H01M8/06; C01B3/32; H01M8/12	FUEL CELL POWER GENERATION SYSTEM
JP2011187340 A 20110922	HONDA MOTOR CO LTD [JP]	JP20100052181 20100309	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011192594 A 20110929	HONDA MOTOR CO LTD [JP]	JP20100059322 20100316	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
JP2011194952 A 20111006	HONDA MOTOR CO LTD [JP]	JP20100061862 20100318	B60K15/03; F17C3/04	TANK STRUCTURE
JP2011198630 A 20111006	HONDA MOTOR CO LTD [JP]	JP20100064463 20100319	H01M8/04	FUEL CELL SYSTEM

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JP2011198704 A 20111006	HONDA MOTOR CO LTD [JP]	JP20100066806 20100323	H01M8/02; H01M8/12; H01M8/24	FUEL CELL
JP2011204447 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100070133 20100325	H01M8/04	FUEL CELL SYSTEM
JP2011204500 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100071265 20100326	H01M8/04; H01M8/24	FUEL CELL SYSTEM
JP2011204501 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100071268 20100326	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011204512 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100071509 20100326	H01M8/24	FUEL CELL STACK
JP2011204519 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100071661 20100326	H01M8/04; H01M8/24	DEVICE FOR DETECTION OF LIQUID JUNCTION FOR FUEL CELL
JP2011204559 A 20111013	HONDA MOTOR CO LTD [JP]	JP20100072277 20100326	H01M8/04	FUEL CELL SYSTEM
JP2011209247 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100079990 20100331	G01R31/02; H01M8/00; H01M8/04; H02H3/093; H02H3/16	GROUND FAULT DETECTOR AND ALARM DEVICE
JP2011210395 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100074316 20100329	H01M8/04	FUEL CELL SYSTEM AND STOP CONTROL METHOD OF FUEL CELL SYSTEM
JP2011210511 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100076618 20100330	H01M8/04	FUEL CELL SYSTEM
JP2011210653 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100079050 20100330	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2011211868 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100079211 20100330	B60L3/00; B60L11/18; H01M8/00; H01M8/04	COOLING CONTROL METHOD

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JP2011211869 A 20111020	HONDA MOTOR CO LTD [JP]	JP20100079212 20100330	B60L3/00; B60L11/18; H01M8/00; H01M8/04; H02J7/00	CHARGING CONTROL METHOD
JP2011213616 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100081296 20100331	C07D213/80	ORGANOMETALLIC COMPLEX AND METHOD FOR PRODUCING THE SAME
JP2011216259 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100082018 20100331	H01M8/04	FUEL CELL SYSTEM
JP2011216338 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100083501 20100331	H01M8/04	PROTECTION MEMBER FOR TRANSPORTATION OF FUEL CELL STACK
JP2011216370 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100084460 20100331	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME
JP2011216415 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100085395 20100401	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND FILM WET CONDITION DETERMINATION METHOD FOR THE SAME
JP2011216416 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100085396 20100401	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND FILM WET CONDITION DETERMINATION METHOD FOR THE SAME
JP2011216417 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100085397 20100401	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND FILM WET CONDITION DETERMINATION METHOD FOR THE SAME
JP2011216445 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100086133 20100402	H01M8/04	FUEL CELL SYSTEM
JP2011216446 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100086134 20100402	H01M8/04; B60L11/18	AIR TEMPERATURE ESTIMATION METHOD FOR FUEL CELL SYSTEM
JP2011217445 A 20111027	HONDA MOTOR CO LTD [JP]	JP20100080767 20100331	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011222176 A 20111104	HONDA MOTOR CO LTD [JP]	JP20100087667 20100406	H01M8/04	FUEL CELL SYSTEM

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JP2011222203 A 20111104	HONDA MOTOR CO LTD [JP]	JP20100088294 20100407	H01M8/24; H01M8/06	FUEL CELL STACK
JP2011222268 A 20111104	HONDA MOTOR CO LTD [JP]	JP20100089666 20100408	H01M8/02; H01M8/10	MEMBRANE FOR SOLID POLYMER FUEL CELL-ELECTRODE STRUCTURE AND METHOD OF MANUFACTURING THE SAME
JP2011222356 A 20111104	HONDA MOTOR CO LTD [JP]	JP20100091427 20100412	H01M8/04; F16K5/06	FUEL CELL SYSTEM
JP2011222479 A 20111104	HONDA MOTOR CO LTD [JP]	JP20100071508 20100326; JP20100234378 20101019	H01M8/02; H01M8/10	ELECTROLYTE FILM/ELECTRODE STRUCTURE FOR FUEL CELL AND MANUFACTURING METHOD THEREOF
JP2011228053 A 20111110	HONDA MOTOR CO LTD [JP]	JP20100095102 20100416	H01M8/02	FUEL CELL
JP2011228124 A 20111110	HONDA MOTOR CO LTD [JP]	JP20100096987 20100420	H01M4/86; H01M8/02; H01M8/10	FUEL CELL
JP2011229357 A 20111110	HONDA MOTOR CO LTD [JP]	JP20100082061 20100331; JP20100152715 20100705	B60L11/18; B60L3/00; H01M8/00; H01M8/04	FUEL CELL-POWERED VEHICLE
JP2011233504 A 20111117	HONDA MOTOR CO LTD [JP]	JP20100088293 20100407; JP20110022018 20110203	H01M8/02	FUEL CELL
JP2011233538 A 20111117	HONDA MOTOR CO LTD [JP]	JP20110157812 20110719	H01M8/04; H01M8/06	CONTROL METHOD FOR FUEL CELL SYSTEM
JP2011238552 A 20111124	HONDA MOTOR CO LTD [JP]	JP20100111122 20100513	H01M8/02; H01M8/04; H01M8/24	FUEL CELL STACK
JP2011239639 A 20111124	HONDA MOTOR CO LTD [JP]	JP20100111210 20100513	B60L11/18; H01M8/04	ELECTRIC VEHICLE
JP2011241864 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100112558 20100514	F16K1/22; C23C18/18; C23C18/52; H01M8/04	FLOW CONTROL VALVE OF CATHODE GAS AND METHOD OF MANUFACTURING THE SAME

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JP2011243314 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100111930 20100514	H01M4/86; H01M8/02; H01M8/04; H01M8/10	FILM ELECTRODE STRUCTURE FOR POLYMER ELECTROLYTE FUEL CELL
JP2011243326 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100112396 20100514	H01M8/04; H01M10/48; H01M10/50	ELECTRIC POWER SUPPLY SYSTEM
JP2011243408 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100114346 20100518	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011243423 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100114711 20100518	H01M8/02; H01M8/06; H01M8/10	FUEL CELL
JP2011243424 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100114713 20100518	H01M8/04	METHOD OF OPERATING FUEL CELL
JP2011243427 A 20111201	HONDA MOTOR CO LTD [JP]	JP20100114860 20100519	H01M8/02; H01M4/86	FUEL CELL
JP2011253670 A 20111215	HONDA MOTOR CO LTD [JP]	JP20100125796 20100601	H01M8/04; H01M8/02	FUEL CELL
JP2011253723 A 20111215	HONDA MOTOR CO LTD [JP]	JP20100126855 20100602	H01M8/02; H01M4/86; H01M8/10	MEMBRANE-ELECTRODE STRUCTURE FOR SOLID POLYMER FUEL CELL
JP2011253788 A 20111215	HONDA MOTOR CO LTD [JP]	JP20100128790 20100604	H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE STRUCTURE FOR POLYMER ELECTROLYTE FUEL CELL
JP2011254673 A 20111215	HONDA MOTOR CO LTD [JP]	JP20100128540 20100604	B60L11/18; B60L3/00; H01M10/48; H01M10/50	BATTERY HEATING APPARATUS FOR VEHICLE

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JP2011258445 A 20111222	HONDA MOTOR CO LTD [JP]	JP20100132939 20100610	H01M8/02; C08G61/12; C08G65/48; C08J5/22; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID POLYMER ELECTROLYTE FUEL CELL
JP2011258466 A 20111222	HONDA MOTOR CO LTD [JP]	JP20100133213 20100610	H01M8/04; H01M8/10	FUEL CELL SYSTEM
US2011171548 A1 20110714	HONDA MOTOR CO LTD [JP]	JP20100005931 20100114; JP20100276306 20101210	H01M8/04	FUEL CELL DEVICE
US2011207014 A1 20110825	HONDA MOTOR CO LTD [JP]	JP20100035521 20100222	H01M8/10; B05D5/12; H01M8/00	FUEL CELL MEMBRANE ELECTRODE ASSEMBLY AND METHOD FOR PRODUCING THE SAME
US2011236780 A1 20110929	HONDA MOTOR CO LTD [JP]	JP20100074315 20100329	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING STOPPAGE OF FUEL CELL SYSTEM
US2011244343 A1 20111006	HONDA MOTOR CO LTD [JP]	JP20100081226 20100331	H01M8/06; H01M8/04	FUEL CELL SYSTEM INCLUDING WATER INJECTION DEVICE
US2011262827 A1 20111027	HONDA MOTOR CO LTD [JP]	JP20100099856 20100423	H01M8/24; H01M2/08	FIXED OXIDE FUEL CELL
US2011287331 A1 20111124	HONDA MOTOR CO LTD [JP]	JP20100114712 20100518; JP20110006688 20110117	H01M8/04	METHOD OF STARTING OPERATION OF SOLID POLYMER ELECTROLYTE FUEL CELL
US2011305964 A1 20111215	HONDA MOTOR CO LTD [JP]	US201113217046 20110824; JP20040235153 20040812; JP20040235154 20040812; US20050198259 20050805	H01M8/24; H01M2/30	CONNECTING STRUCTURE TO CELL OF VOLTAGE DETECTING CONNECTOR AND FUEL CELL
US2011311889 A1 20111222	HONDA MOTOR CO LTD [JP]	JP20100138418 20100617	H01M8/04; H01M8/06	FUEL CELL SYSTEM

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WO2011155286 A1 20111215	HONDA MOTOR CO LTD [JP]; CHIBA HIROTO [JP]; IWASAWA CHIKARA [JP]; MOHRI MASAHIRO [JP]; OHGAMI OSAMU [JP]; UEHARA JUNJI [JP]; YAMAZAKI KEIKO [JP]	JP20100130073 20100607; JP20100129920 20100607; JP20100129917 20100607	H01M8/04; H01M8/06	OPERATION METHOD FOR FUEL CELL, AND FUEL CELL SYSTEM
WO2011132487 A1 20111027	HONDA MOTOR CO LTD [JP]; FUJISAWA KIMIKO [JP]; OGAWA TETSUYA [JP]	JP20100098217 20100421	H01M8/24	FUEL CELL SYSTEM
WO2011132488 A1 20111027	HONDA MOTOR CO LTD [JP]; FUJISAWA KIMIKO [JP]; OGAWA TETSUYA [JP]	JP20100098214 20100421	H01M8/24	FUEL CELL SYSTEM
WO2011108400 A1 20110909	HONDA MOTOR CO LTD [JP]; GOTO SHUHEI [JP]; NAKAMURA TETSUYA [JP]; TANAKA HIROYUKI [JP]; ISHIDA KENTARO [JP]	JP20100044493 20100301	H01M8/24; H01M8/02	FUEL CELL
WO2011114972 A2 20110922	HONDA MOTOR CO LTD [JP]; HOMMA HIROKI [JP]	JP20100058320 20100315	H01M8/24	FUEL CELL STACK
WO2011114971 A1 20110922	HONDA MOTOR CO LTD [JP]; ISHIOKA ATSUSHI [JP]; HOMMA HIROKI [JP]	JP20100058316 20100315	H01M8/24; H01M8/02	FUEL CELL
WO2011132486 A1 20111027	HONDA MOTOR CO LTD [JP]; KIYOHIRO YUKIHIKO [JP]; OGAWA TETSUYA [JP]; YOKOKAWA AYATOSHI [JP]	JP20100098219 20100421	H01M8/04; H01M8/12	FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE FUEL CELL SYSTEM
WO2011096355 A1 20110811	HONDA MOTOR CO LTD [JP]; MITSUTA NAOKI [JP]; TANAKA SHINTARO [JP]; EGUCHI TAKU [JP]	JP20100021529 20100202	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE STRUCTURE FOR SOLID POLYMER FUEL CELL, AND SOLID POLYMER FUEL CELL

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WO2011087013 A1 20110721	HONDA MOTOR CO LTD [JP]; ODA MASARU [JP]; OHTANI TERUYUKI [JP]; SUGIURA SEIJI [JP]; TANAKA KENICHI [JP]; SOHMA HIROSHI [JP]	JP20100005520 20100114	H01M8/02	FUEL CELL
WO2011125840 A1 20111013	HONDA MOTOR CO LTD [JP]; TSUGE HODAKA [JP]	JP20100081561 20100331; JP20100081560 20100331; JP20100081559 20100331	H01M8/04; H01M8/10	SOLID POLYMER FUEL CELL ACTIVATION METHOD
WO2011162035 A1 20111229	HONDA MOTOR CO LTD [JP]; TSUKAMOTO KEIJI [JP]; TODA SHIGERU [JP]	JP20100142633 20100623	H01M8/24; H01M8/02	FUEL CELL
JP2011183283 A 20110922	HONDA MOTOR CO LTD [JP]; UNIV TOHOKU	JP20100049675 20100305	B01J37/16; B01J23/89; B01J35/08	HOLLOW PLATINUM COBALT ALLOY CATALYST PARTICLE AND METHOD FOR MANUFACTURING THE SAME
WO2011114970 A2 20110922	HONDA MOTOR CO LTD [JP]; YOSHIMINE YUKI [JP]	JP20100061027 20100317	H01M8/04	FUEL CELL
EP2357696 A1 20110817	HONEYWELL INT INC [US]	US20100705383 20100212	H01M4/86; H01M8/02; H01M8/06; H01M8/10; H01M8/24	Fuel cell
EP2357701 A1 20110817	HONEYWELL INT INC [US]	US20100705423 20100212	H01M8/04; H01M8/24	Hybrid battery comprising a fuel cell in physical contact with a shaped hydride pellet
US2011286884 A1 20111124	HONEYWELL INT INC [US]	US201113113984 20110523; US20050907294 20050328; US20030750581 20031229	G01N27/62; G01N30/02; H01M8/06	HYDROGEN AND ELECTRICAL POWER GENERATOR



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US2011229743 A1 20110922	HSU YEN-WEI [TW]; WU WHEI-CHYOU [US]	US20100726356 20100318	H01M8/22; H01G9/155; H01L31/00; H01M2/00; H01M14/00	Power assembly
US2011217604 A1 20110908	HU LEI [KR]; CHO HYE-JUNG [KR]; KIM YOUNG-JAE [KR]	KR20100019564 20100304	H01M8/06; G01F23/24	Recycler, water management system of fuel cell comprising the same, fuel cell comprising the water management system, and method of measuring water level
US2011195280 A1 20110811	HUANG ZZU-LUN [TW]; CHUNG CHIH-HUNG [TW]	TW20100104033 20100209	H01M8/16	Banana plant cell
JP2011184271 A 20110922	HYDRO DEVICE CO LTD; MITSUBISHI HEAVY IND LTD	JP20100054119 20100311	C01B3/08; H01M8/06	PRESERVATION METHOD, USE METHOD AND TRANSPORTATION METHOD OF GASEOUS HYDROGEN GENERATING MATERIAL, AND METHOD FOR PRODUCING GASEOUS HYDROGEN
JP2011165424 A 20110825	HYOGO PREFECTURE	JP20100025271 20100208	H01M4/88; H01M8/02; H01M8/12	CELL FOR SOLID OXIDE FUEL BATTERY AND METHOD FOR MANUFACTURING THE SAME
KR20110075538 A 20110706	HYOSUNG CORP [KR]	KR20090132017 20091228	H01M8/04; H01M8/06	APPARTATUS FOR REDUCING AN ELECTRIC POWER CONSUMPTION IN THE START OF FUEL CELL SYSTEM
KR20110075542 A 20110706	HYOSUNG CORP [KR]	KR20090132021 20091228	H01M8/04; B01D19/00; F25B43/00	WATER-TRAP APPARATUS OF FUEL CELL SYSTEM
KR20110075820 A 20110706	HYOSUNG CORP [KR]	KR20090132380 20091229	H01M8/02	DRAIN TANK FOR FUEL CELL SYSTEM
KR20110076534 A 20110706	HYOSUNG CORP [KR]	KR20090133277 20091229	H01M8/04; G01R31/36	METHOD FOR OPERATION OF FUEL CELL SYSTEM AND APPARATUS THEREOF

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KR20110124027 A 20111116	HYOSUNG CORP [KR]	KR20100043576 20100510	H01M8/04; C01B3/22; H01M8/06; H01M8/10	FUEL CELL SYSTEM
KR20110133796 A 20111214	HYOSUNG CORP [KR]	KR20100053401 20100607	H01M8/04; F24D3/00; F24H9/20; H01M8/10	HEAT RECOVERY APPARATUS OF FUEL CELL
AT519242T T 20110815	HYTEON INC [CA]	US20040861409 20040607; WO2005CA00889 20050606	H01M8/02; H01M8/00; H01M8/04; H01M8/10	STRÖMUNGSFELDPLATTE ZUR VERWENDUNG IN BRENNSTOFFZELLEN
KR20110101891 A 20110916	HYUN DAI HEAVY IND CO LTD [KR]	KR20100021240 20100310	H01M10/54; C25C1/00; H01M8/04; H01M12/06	POWER PLANT INTEGRATING METAL-AIR BATTERY AND SOLAR/WIND POWER GENERATOR
KR20110125415 A 20111121	HYUN DAI HEAVY IND CO LTD [KR]	KR20100044930 20100513	H01M8/04; G01R31/36; G05D7/00	AIR SUPPLY CONTROL METHOD OF FUEL CELL
KR20110121947 A 20111109	HYUNDAI CONSTRUCTION CO LTD [KR]	KR20100041475 20100503	H01M8/04; F24D19/10; F24H9/20; H01M8/10	ENERGY SYSTEM USING FUEL CELL
KR101082244B B1 20111109	HYUNDAI HYSKO [KR]	KR20100060083 20100624	H01M8/02; C23C14/04; H01M8/10	METAL BIPOLAR PLATE OF FUEL CELL STACK WHICH IS EQUIPPED WITH MASKING MANIFOLDER AND THE METHOD THEREOF
KR101090626B B1 20111208	HYUNDAI HYSKO [KR]	KR20100056989 20100616	G01R19/165; G01R31/36; H01M8/02; H01M8/10	INTERGRATED STACK VOLTAGE MONITORING APPARATUS OF FUEL CELL

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KR20110137269 A 20111222	HYUNDAI HYSKO [KR]	KR20110113972 20111103	H01M8/24; G01R19/165; G01R31/36; H01M8/02	FUEL CELL STACK
US2011229800 A1 20110922	HYUNDAI HYSKO [KR]	KR20100025430 20100322	H01M8/04; B05D1/36; B05D3/00; B05D3/10; B05D5/12; H01M2/16	METAL SEPARATOR FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
WO2011162431 A1 20111229	HYUNDAI HYSKO [KR]; JEON YOO-TAEK [KR]; KIM EUN-YOUNG [KR]; MOON MAN-BEEN [KR]	KR20100059880 20100624	H01M8/02; C23C14/02; C23C14/22	SEPARATOR PLATE FOR A FUEL CELL AND A PRODUCTION METHOD THEREFOR
KR20110092468 A 20110818	HYUNDAI MOBIS CO LTD [KR]	KR20100011907 20100209	H01M8/02; F04F5/14	HYDROGEN RECIRCULATION EJECTOR FOR FUEL CELL
KR20110109378 A 20111006	HYUNDAI MOBIS CO LTD [KR]	KR20100029078 20100331	H01M8/04; F02K1/36	HYDROGEN RECIRCULATION EJECTOR FOR FUEL CELL
KR20110109381 A 20111006	HYUNDAI MOBIS CO LTD [KR]	KR20100029081 20100331	H01M8/04; B60L11/18; F02K1/36	HYDROGEN RECIRCULATION SYSTEM IN FUEL CELL VEHICLE
KR101090714B B1 20111208	HYUNDAI MOTOR CO LTD [KR]	KR20100104289 20101025	B60L11/18; B60W10/28; H01M8/04	DEVICE FOR START-UP HIGH VOLTAGE DRIVING PARTS OF FUEL CELL VEHICLE AND METHOD FOR CONTROLLING THE SAME
KR20110138443 A 20111228	HYUNDAI MOTOR CO LTD [KR]	KR20100058327 20100621	H01M8/04; G01K17/00; G01R31/36	PREDICTION DEVICE AND METHOD FOR TEMPERATURE OF COOLING WATER OF FUEL CELL SYSTEM
KR20110138819 A 20111228	HYUNDAI MOTOR CO LTD [KR]	KR20100058931 20100622	H01M8/04; G01F3/00; G01F15/02; G01K17/00	MONITORING METHOD FOR COOLING WATER OF FUEL CELL SYSTEM

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KR20110089743 A 20110809	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20100009276 20100201	H01M8/04; B60L11/18; H01M8/10	FUEL CELL SYSTEM HAVING IMPROVED HUMIDIFICATION PERFORMANCE
KR20110135305 A 20111216	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20100055127 20100610	H01M4/90; B01J37/02; H01M4/92; H01M8/10	PREPARATION METHOD OF ELECTRODE CATALYST FOR FUEL CELL USING ATOMIC LAYER DEPOSITION
KR20110138982 A 20111228	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20100059191 20100622	H01M8/04; F16K17/04; H01M8/10	RELIEF VALVE ASSEMBLY OF HYDROGEN SUPPLY SYSTEM FOR FUEL CELL
KR20110094498 A 20110824	HYUNDAI MOTOR CO LTD [KR]; SNU R&AMP DB FOUNDATION [KR]	KR20100013909 20100216	C08F293/00; C08F297/00; H01M8/02; H01M8/10	NOVEL HYDROPHILIC-HYDROPHOBIC BLOCK COPOLYMER, MANUFACTURING METHOD THE SAME, AND ELECTROLYTE MEMBRANE USING THE SAME
KR20110128156 A 20111128	HYUPJIN I & AMP C CO LTD [KR]	KR20100047663 20100520	H01M4/88; C01B31/02; D04H1/42; H01M8/10	METHOD FOR PREPARING CARBON SUBSTRATE FOR GAS DIFFUSION LAYER OF POLYMER ELECTROLYTE MEMBRANE FUEL CELL, CARBON SUBSTRATE PREPARED THEREBY, AND SYSTEM FOR MANUFACTURING THE SAME
KR20110130116 A 20111205	IAC IN NAT UNIV CHUNGNAM [KR]	KR20100049590 20100527	H01M8/04; F27D17/00; H01M8/06	FUEL CELL SYSTEM USING TEMPERATURE SEPARATION UNIT
KR20110130124 A 20111205	IAC IN NAT UNIV CHUNGNAM [KR]	KR20100049605 20100527	F03B13/06; C25B1/04; F01K25/08; H01M8/22	HYBRID POWER GENERATION SYSTEM USING HYDRAULIC TURBINE AND FUEL CELL

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AT528817T T 20111015	IDATECH LLC [US]	US20050709366P 20050817; US20050301821 20051212; WO2006US30788 20060807	H01M8/04	BRENNSTOFFZELLENSTAPEL UND SYSTEME MIT AUF FLUID ANSPRECHENDER TEMPERATURREGELUNG
WO2011106301 A1 20110901	IDATECH LLC [US]; CHEN ZHEN [US]; KARIM KAMEL IBRAHIM JOHN [US]; OUYANG XUN [US]; RENN CURTISS [US]; STURKO RYAN THOMAS [US]	US201113027584 20110215; US20100307750P 20100224	H01M8/06	FUEL PROCESSING SYSTEMS WITH THERMALLY INTEGRATED COMPONENTRY
WO2011112808 A1 20110915	IDATECH LLC [US]; LAVEN SUDHA RANI [US]; ROUVEYRE LUC [US]	US20100721250 20100310	H01M8/04	SYSTEMS AND METHODS FOR FUEL CELL THERMAL MANAGEMENT
WO2011142993 A1 20111117	IDATECH LLC [US]; SKINKLE DAVID W [US]	US201113097350 20110429; US20100333350P 20100511	H01M8/04	SYSTEMS AND METHODS FOR REGULATING FUEL CELL AIR FLOW DURING LOW LOADS OR COLD TEMPERATURE OPERATION
DK1270069T T3 20110926	IDEMITSU KOSAN CO [JP]	JP20000096490 20000331; JP20000096487 20000331; JP20000214146 20000714; JP20000214147 20000714; JP20000214145 20000714; WO2001JP02861 20010402	B01J23/74; B01J20/02; B01J21/12; B01J23/70; B01J23/755; B01J23/78; B01J32/00; B01J35/10; B01J37/03; C01B3/38; C10G25/00; H01M8/06	Anvendelse af et afsvovlningsmiddel

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JP2011194363 A 20111006	IDEMITSU KOSAN CO [JP]	JP20100066398 20100323	B01J23/80; B01J35/10; H01M8/06	CATALYST FOR CONVERTING CARBON MONOXIDE, METHOD FOR PRODUCING THE CATALYST, METHOD FOR CONVERTING CARBON MONOXIDE AND METHOD FOR PRODUCING HYDROGEN FOR FUEL CELL SYSTEM
JP2011136866 A 20110714	IDEMITSU KOSAN CO [JP]; CORONA CORP	JP20090298204 20091228	C01B3/38; C01B3/48; H01M8/06	REFORMING UNIT AND FUEL CELL SYSTEM
JP2011136867 A 20110714	IDEMITSU KOSAN CO [JP]; CORONA CORP	JP20090298205 20091228	C01B3/38; H01M8/06	REFORMER, REFORMING UNIT, AND FUEL CELL SYSTEM
JP2011136869 A 20110714	IDEMITSU KOSAN CO [JP]; CORONA CORP	JP20090298207 20091228	C01B3/38; H01M8/06	APPARATUS FOR PRODUCING REFORMED GAS, OPERATION CONTROL METHOD THEREOF, AND FUEL CELL SYSTEM
WO2011081094 A1 20110707	IDEMITSU KOSAN CO [JP]; HIGASHINO KAZUYUKI [JP]; SATOH KOICHI [JP]; MOROGA KATSUMI [JP]	JP20090298206 20091228	C01B3/38; H01M8/06	REFORMING UNIT AND FUEL CELL SYSTEM
WO2011081092 A1 20110707	IDEMITSU KOSAN CO [JP]; HIGASHINO KAZUYUKI [JP]; SATOH KOICHI [JP]; SAITOU KEI [JP]	JP20090298203 20091228	C01B3/38; C01B3/48; H01M8/06	REFORMER, REFORMING UNIT, AND FUEL CELL SYSTEM
JP2011194362 A 20111006	IDEMITSU KOSAN CO [JP]; KOGAKUIN UNIV	JP20100066362 20100323	B01J23/72; C01B3/16	METHOD FOR PRODUCING CATALYST FOR CONVERTING CARBON MONOXIDE
JP2011194340 A 20111006	IDEMITSU KOSAN CO [JP]; UNIV KYUSHU	JP20100065002 20100319	B01J23/847; C01B3/40; H01M8/06	CATALYST FOR PRODUCING HYDROGEN AND METHOD FOR PRODUCING HYDROGEN-CONTAINING GAS
EP2381520 A1 20111026	IFP ENERGIES NOUVELLES [FR]	FR20100001754 20100423	H01M8/00; H01M8/06	Method for cogeneration of mechanical-electric energy and heat
JP2011162411 A 20110825	IHI CORP [JP]	JP20100028860 20100212	C01B21/16; C01B21/14	METHOD AND APPARATUS FOR PRODUCING MIXTURE OF HYDRAZINE AND HYDROXYLAMINE

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TW201125189 A 20110716	IHI CORP [JP]; IHI METALTECH CO LTD [JP]	TW20100100172 20100106	H01M2/14; H01M8/02; H01M8/10	Method and facility for producing separator for polymer electrolyte fuel cell.
KR20110127406 A 20111125	ILDOF & AMP C CO LTD [KR]	KR20100046863 20100519	B29C43/02; B29C43/08; H01M2/14; H01M8/00	MANUFACTURING SYSTEM FOR SEPARATOR FOR FUELCELL
CN102139480 A 20110803	ILLINOIS TOOL WORKS	US20070881924P 20070122	B25C1/08; H01M8/02	Interchangeable adapter for in-can and on-can fuel cells
CN102117920 A 20110706	IND TECH RES INST [TW]	CN20091215250 20091231	H01M8/02; H01M2/16	Organic/inorganic mixed proton exchange membrane
CN102117924 A 20110706	IND TECH RES INST [TW]	US20090267387P 20091207; US20100860421 20100820	H01M8/02	Fluid flow plate assembly
CN102117926 A 20110706	IND TECH RES INST [TW]	CN20091215716 20091230	H01M8/06; H01M2/12; H01M8/02; H01M8/04	Power supply device
CN102130344 A 20110720	IND TECH RES INST [TW]	CN20101003186 20100114	H01M8/02; H01M4/88	Fuel cell flow field board and forming method thereof
CN102142566 A 20110803	IND TECH RES INST [TW]	CN20101105334 20100128	H01M8/02; H01M4/86	Flow field plate for fuel cells
JP2011142082 A 20110721	IND TECH RES INST [TW]	TW20090146211 20091231	H01M8/02; H01B1/06	ORGANIC/INORGANIC HYBRID COMPOSITE PROTON EXCHANGE MEMBRANE
US2011177429 A1 20110721	IND TECH RES INST [TW]	TW20100101592 20100121	H01M8/02	FLUID FLOW PLATE OF A FUEL CELL
US2011256462 A1 20111020	IND TECH RES INST [TW]	US201113098144 20110429; US201061428969P 20101231	H01M8/04; H01M8/24	Fluid Flow Plate Assemblies For Fuel Cells

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EP2365570 A2 20110914	INER AEC EXECUTIVE YUAN [TW]	TW20100107308 20100312	H01M8/24	Measurement process for determination of the optimum contact pressure among components of a solid oxide fuel cell stack in the packaging process and its measurement apparatus
US2011171550 A1 20110714	INER AEC EXECUTIVE YUAN [TW]	TW20100100419 20100108	H01M8/04	METHOD FOR CONTROLLING FUEL CELL SYSTEM AND FUEL CELL SYSTEM USING THE SAME
MX2010004081 A 20111028	INST DE INVESTIGACIONES ELECTRICAS [MX]	MX20100004081 20100413		SPRAYING DEVICE FOR THE APPLICATION OF ELECTROCATALYTIC INK IN MEMBRANES FOR FUEL CELLS.
CN102117907 A 20110706	INST METAL RES CHINESE ACAD SC	CN20091249062 20091231	H01M2/24; H01M8/02	Solid oxide fuel cell connector material used in fuel cell
CN102237534 A 20111109	INST METAL RES CHINESE ACAD SC	CN20101158007 20100428	H01M8/02; C08J7/04; H01M2/16	Perfluorinated sulfonic acid ion exchange membrane preparation process for vanadium redox battery
RO126812 A0 20111028	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU ING ELECTRICA ICPE CA [RO]; ROSEAL S A [RO]; CHIMCOMPLEX S A BORZESTI [RO]	RO20100001360 20101217	H01M8/02; H01M8/04	5KW COGENERATION SYSTEM BASED ON FUEL CELLS
CN102120829 A 20110713	INST PLASMA PHYSICS CAS	CN20101615843 20101230	C08J7/12; C08F255/02; C08F259/04; C08F283/00; C08J5/22; H01M2/16; H01M8/02	Preparation method of polymer alkaline anion-exchange membrane



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CN102174206 A 20110907	INST PLASMA PHYSICS CAS	CN20111053196 20110307	C08J5/22; C08F2/52; C08F112/14; H01M2/16; H01M8/02	Method and device for preparing ultrathin plasma polymerization sulfonic proton exchange membrane
CN102174208 A 20110907	INST PLASMA PHYSICS CAS	CN20111053180 20110307	C08J7/12; C08F2/52; C08F112/14; C08F126/06; C08J5/22; H01M2/16; H01M8/02	Method for preparing novel ultra-thin plasma polymerization anion exchange membrane
KR20110109350 A 20111006	INST SCIENCE & TECH KWANGJU [KR]	KR20100029038 20100331	B01J23/62; B01J37/08; H01M4/90; H01M8/10	METHOD FOR FABRICATING HYBRID CATALYST WITH METAL OXIDE NANOWIRE, ELECTRODE AND FUEL CELL CONTAINING HYBRID CATALYST FABRICATED BY THE SAME
KR20110119264 A 20111102	INST SCIENCE & TECH KWANGJU [KR]	KR20100038875 20100427	H01M8/10; C08G77/00; C08J5/22; H01M8/02	ORGANIC-INORGANIC HYBRID ELECTROLYTE MEMBRANE, METHOD FOR FABRICATING THE SAME AND FUEL CELL
KR20110128582 A 20111130	INST SCIENCE & TECH KWANGJU [KR]	KR20100048104 20100524	C12N1/21; C12N15/52; C12N15/74; H01M8/16	SHEWANELLA VARIANTS. MANUFACTURING METHOD AND USE THEREOF

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AT525327T T 20111015	INTELLIGENT ENERGY INC [US]	US20010286114P 20010423; WO2002US12822 20020423	C01B3/02; B01J19/24; C01B3/04; C01B3/24; C01B3/26; C01B3/32; C01B3/38; C01B3/50; H01M8/04; H01M8/06	WASSERSTOFFERZEUGUNGSVORRICHTUNG UND VERFAHREN ZU IHRER VERWENDUNG
JP2011168486 A 20110901	INTELLIGENT ENERGY INC [US]	US20050109227 20050418	C01B3/04; C01B3/56	AMMONIA-BASED HYDROGEN GENERATION APPARATUS AND METHOD FOR USING SAME
GB2476965 A 20110720	INTELLIGENT ENERGY LTD [GB]	GB20100000651 20100115	B65G47/91; B63B35/14; B65G47/00; B65G47/90; H01M8/00; H01M8/10	Transfer mechanism
GB2478154 A 20110831	INTELLIGENT ENERGY LTD [GB]	GB20100003281 20100226	H01M8/10	Laminated Fuel Cell Assembly
AT515071T T 20110715	IPG ELECTRONICS 504 LTD [GB]	ES20000001844 20000724	H01M8/00; H01M2/10; H01M8/04; H01M8/06; H01M8/24; H04M1/00; H04M1/02	BRENNSTOFFSPEICHERUNGSANORDNUNG IN EINEM TRAGBAREN GERÄT
US8012634 B1 20110906	ISIS INNOVATION [GB]	US20100893704 20100929	B01J7/00; B01J8/02; H01M8/06	Catalytic reaction between methanol and a peroxide

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EP2369669 A1 20110928	ITM POWER RES LTD [GB]	EP20050751783 20050616; GB20040013514 20040616; GB20040016724 20040727; GB20040017911 20040811	H01M8/04; C25B15/00; H01M8/02; H01M8/10	Membrane electrode assembly with controlled water management/ion flow
WO2011128705 A1 20111020	ITM POWER RES LTD [GB]; MARCHAL FREDERIC ANDRE [GB]	GB20100006403 20100416	H01M8/24	ELECTROCHEMICAL CELL STACK
US2011212371 A1 20110901	ITOGA MICHITARO [JP]	JP20100044455 20100301	H01M8/06	FUEL CELL SYSTEM
KR20110097460 A 20110831	IUCF HYU [KR]	KR20100017309 20100225	C08G75/06; B01J32/00; H01M8/00	METHOD OF PREPARING POLYTHIOPHENE AND POLYTHIOPHENE PREPARED BY SAME
WO2011087344 A2 20110721	IUCF HYU [KR]; LEE YOUNG MOO [KR]; PARK CHI HOON [KR]; LEE SO YOUNG [KR]; HAN SANG HOON [KR]; HWANG DOO SUNG [KR]	KR20100004497 20100118	H01M8/10; C08G73/10; C08J5/22	POROUS SUPPORT, AND POLYMER ELECTROLYTE MEMBRANE FOR A FUEL CELL COMPRISING SAME
JP2011174528 A 20110908	IWATANI INT CORP; IWATANI IND GASES CORP	JP20100038537 20100224	F17C5/06	METHOD FOR FILLING HYDROGEN GAS IN HYDROGEN GAS PACKING EQUIPMENT
JP2011141994 A 20110721	JAPAN ATOMIC ENERGY AGENCY	JP20100001574 20100106	H01M4/88; B01J23/42; H01M4/96; H01M8/02; H01M8/10	METHOD OF MANUFACTURING ELECTRODE FOR POLYMER FUEL CELL, AND THE ELECTRODE FOR POLYMER FUEL CELL MANUFACTURED USING THE SAME
JP2011208182 A 20111020	JAPAN ATOMIC ENERGY AGENCY	JP20100074590 20100329	C25B9/00; C25B1/02; H01M8/00; H01M8/06	POWER GENERATION AND HYDROGEN PRODUCTION APPARATUS USING SULFUR DIOXIDE GAS AS FUEL

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JP2011222458 A 20111104	JAPAN ATOMIC ENERGY AGENCY	JP20100093555 20100414	H01M8/02; C08J7/00; H01M8/10	RADIATION CROSSLINKING FLUORINE-BASED SOLID POLYMER ELECTROLYTE AND METHOD FOR MANUFACTURING THE SAME
JP2011249093 A 20111208	JAPAN ATOMIC ENERGY AGENCY	JP20100119903 20100525	H01B13/00; C08J7/16; H01B1/06; H01M8/02; H01M8/10	CROSS-LINKED AROMATIC POLYMER ELECTROLYTE MEMBRANE AND PRODUCING METHOD THEREOF, AND POLYMER FUEL CELL USING CROSS-LINKED AROMATIC POLYMER ELECTROLYTE MEMBRANE
JP2011175873 A 20110908	JAPAN ATOMIC ENERGY AGENCY; IBARAKI UNIV	JP20100039376 20100224	H01M8/04; H01M8/10	FUEL CELL, FUEL CELL SYSTEM, AND POWER GENERATION METHOD
JP2011236446 A 20111124	JAPAN ATOMIC ENERGY AGENCY; UNIV TOKAI	JP20100106216 20100506	C22F3/00; B01J20/02; B01J20/30; C22F1/14; C22F1/16	METHOD OF MANUFACTURING HYDROGEN STORAGE MATERIAL, AND THE HYDROGEN STORAGE MATERIAL
JP2011216464 A 20111027	JAPAN FINE CERAMICS CT; KANSAI ELECTRIC POWER CO	JP20100063758 20100319; JP20110007301 20110117	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL AND ITS MANUFACTURING METHOD
JP2011251857 A 20111215	JAPAN PETROLEUM ENERGY CT; HITACHI LTD; JX NIPPON OIL & ENERGY CORP	JP20100125034 20100531	C01B3/00; C01B3/24; F02M21/02; H01M8/00; H01M8/06; H01M8/12	ELECTROTHERMAL SUPPLYING TYPE ORGANIC HYDRIDE STATION
JP2011233274 A 20111117	JAPAN VILENE CO LTD	JP20100100400 20100423	H01M4/86; H01M8/02; H01M8/06; H01M8/10	MOISTURE CONTROL SHEET, GAS DIFFUSION SHEET, FILM-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL

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JP2011216269 A 20111027	JAPAN VILENE CO LTD; NISSAN MOTOR; NOK CORP	JP20100082335 20100331	H01M8/02; D04H1/72; D06M15/353; H01B1/06; H01M8/10	POLYMER ELECTROLYTE MEMBRANE
US2011311896 A1 20111222	JD HOLDING INC [KY]	US20100820972 20100622	H01M8/04; H01M8/24	INTEGRATED SYSTEM FOR ELECTROCHEMICAL ENERGY STORAGE SYSTEM
KR20110115559 A 20111021	JEON CHAN KOO [KR]	KR20110099889 20110930	G21D3/04; H01M8/02	METHOD AND EQUIPMENT OF EMERGENCY ELECTRIC POWER GENERATION FOR NUCLEAR POWER PLANT
JP2011149041 A 20110804	JFE STEEL CORP [JP]	JP20100010120 20100120	C23C22/34	STAINLESS STEEL FOR CONDUCTIVE COMPONENT HAVING LOW CONTACT ELECTRIC RESISTANCE, AND METHOD FOR PRODUCING THE SAME
WO2011089730 A1 20110728	JFE STEEL CORP [JP]; ISHII TOMOHIRO [JP]; IDE SHINSUKE [JP]; ISHIKAWA SHIN [JP]; KATO YASUSHI [JP]; UJIRO TAKUMI [JP]	WO2010JP51001 20100120	C23C22/34; H01M8/02	STAINLESS STEEL FOR CURRENT-CARRYING MEMBER HAVING LOW ELECTRICAL CONTACT RESISTANCE, AND PROCESS FOR PRODUCTION THEREOF
WO2011132797 A1 20111027	JFE STEEL CORP [JP]; NISHIYAMA NAOKI [JP]; ISHIKAWA SHIN [JP]; UJIRO TAKUMI [JP]; KATO YASUSHI [JP]	JP20110021090 20110202; JP20100099922 20100423	H01M8/02; H01M8/10	METAL PLATE FOR USE AS SOLID POLYMER FUEL CELL SEPARATOR
KR20110098256 A 20110901	JH ENG CO LTD [KR]	KR20100017788 20100226	F17C13/12; B60K15/07; H01M8/04	THE DEVICE FOR VENT PREVENTION OF NATURAL GAS EVAPORATED FROM CRYOGENIC TANK OF THE LNG VEHICLE

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US2011202105 A1 20110818	JIANG NAIXIONG [US]; BORNZIN GENE A [US]; POORE JOHN W [US]; WILLIAMS SHELDON [US]; YANG WEIQUN [US]; FARAZI TARANEH GHAFARI [US]	US201113018140 20110131; US20070737307 20070419	A61N1/362; H01M8/16	BIOELECTRIC BATTERY FOR IMPLANTABLE DEVICE APPLICATIONS
CN102142574 A 20110803	JIANGSU BINGCHENG ELECTRICAL MATERIAL CO LTD	CN20111045579 20110225	H01M8/24; H01M4/86; H01M8/04; H01M8/10	Practical proton exchange membrane fuel cell generator
CN102255117 A 20111123	JIANGSU YAOYANG NEW ENERGY TECHNOLOGY CO LTD	CN20111099258 20110420; CN20111104993 20110426	H01M16/00; B60L11/18; H01M8/04; H01M10/44	Battery system for electric vehicle
CN102155359 A 20110817	JIANGZHOU ZHANG	CN20111062062 20110315	F03D9/00; C01B3/02; C25B1/04; F02B63/04; H01M8/06; H02N6/00	Mobile phone signal launching tower base station power supply system
CN102182974 A 20110914	JIANGZHOU ZHANG	CN20111062064 20110315	F21S9/03; C25B1/04; F21S9/04; F21V23/00; H01M8/06	Wind energy, solar energy and wind-solar complementary hydrogen energy power generation, storage and supply light emitting diode (LED) lighting system
CN102173821 A 20110907	JINGDEZHEN CERAMIC INST	CN20111030096 20110125	C04B35/628; C04B35/48; H01M8/12	Method for performing in-situ polymerization on surfaces of yttria-stabilized zirconia (YSZ) particles to obtain water system tape-casting slurry with high solid content by adopting initiator
CN202012401U U 20111019	JIU WANG	CN20112038705U 20110215	F02F1/00; F02P5/15; H01M8/06	Nano-ceramic hydrogen cylinder

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AT527713T T 20111015	JOHNSON MATTHEY PLC [GB]	GB20030019780 20030822; WO2004GB03334 20040802	H01M8/02; H01M4/86; H01M4/88; H01M8/10	VERSIEGELUNG EINER MEMBRAN-ELEKTRODEN-BAUGRUPPE
KR20110116213 A 20111025	JOHNSON MATTHEY PLC [GB]	GB20090002231 20090211	B01J23/89; B01J23/26; H01M4/92; H01M8/10	TERNARY PLATINUM ALLOY CATALYST
WO2011104542 A1 20110901	JOHNSON MATTHEY PLC [GB]; SHARMAN JONATHAN DAVID BRERETON [GB]; PETCH MICHAEL IAN [GB]	GB20100003230 20100226	H01M8/10; C08J5/22; C25B13/00; H01M8/02	MEMBRANE
CN202004099U U 20111005	JS POWER INC	CN20102517804U 20100903	H01M8/06; H01M8/04	Hydrogen production device of macromolecule hydrogen fuel battery and control system
JP2011216296 A 20111027	JSR CORP	JP20100082671 20100331	H01M8/02; C08J5/22; C08K3/10; C08L101/06; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE AND METHOD OF MANUFACTURING THE SAME, AND LIQUID COMPOSITION
WO2011125735 A1 20111013	JSR CORP [JP]; KAWAI JUNJI [JP]; HIGAMI MAKOTO [JP]; SAKAKURA YASUHIRO [JP]; OTSUKI TOSHIHIRO [JP]	JP20100082672 20100331	H01M8/02; C08J5/22; H01B1/06; H01M8/10	SOLID POLYMER ELECTROLYTE COMPOSITE MEMBRANE AND METHOD FOR PRODUCING THE SAME
WO2011155528 A1 20111215	JSR CORP [JP]; ROZHANSKII IGOR [JP]; KADOTA TOSHIAKI [JP]; HIGAMI MAKOTO [JP]; GOTO KOUHEI [JP]	JP20100134446 20100611	C08G61/12; C08G81/00; H01B1/06; H01M8/02; H01M8/10	AROMATIC COPOLYMER HAVING SULFONIC ACID GROUPS, AND USES THEREOF

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WO2011155520 A1 20111215	JSR CORP [JP]; YAMAKAWA YOSHITAKA [JP]; KADOTA TOSHIKI [JP]; MURAKAMI TAKUYA [JP]; TSUNODA YUJI [JP]	JP20100133097 20100610	C08G61/12; C08G81/00; H01B1/06; H01M8/02; H01M8/10	POLYARYLENE BLOCK COPOLYMERS WITH SULFONATE GROUPS AND USES THEREOF
JP2011258461 A 20111222	JSR CORP; HONDA MOTOR CO LTD [JP]	JP20100133136 20100610	H01M4/86; C08G65/48; H01B1/06; H01M8/10	ELECTRODE ELECTROLYTE FOR SOLID POLYMER FUEL CELL, AND ELECTRODE VARNISH, ELECTRODE PASTE AND MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME
JP2011226537 A 20111110	JTEKT CORP	JP20100095836 20100419	F16K31/06; H01F7/16	SOLENOID VALVE AND METHOD OF MANUFACTURING THE SAME
JP2011174145 A 20110908	JX NIPPON MINING & METALS CORP [JP]	JP20100039931 20100225	C23C30/00; C22C5/02; C22C27/06; C23C14/34; H01M8/02	SEPARATOR MATERIAL FOR FUEL CELL, SEPARATOR FOR FUEL CELL USING THE SAME, FUEL CELL STACK AND METHOD FOR PRODUCING MATERIAL FOR FUEL CELL SEPARATOR
JP2011175901 A 20110908	JX NIPPON MINING & METALS CORP [JP]	JP20100039934 20100225	H01M8/02; H01M8/10	SEPARATOR MATERIAL FOR FUEL CELL, SEPARATOR FOR FUEL CELL USING THE SAME, AND FUEL CELL STACK
JP2011202216 A 20111013	JX NIPPON MINING & METALS CORP [JP]	JP20100069343 20100325	C23C28/00; H01M8/02	SEPARATOR MATERIAL FOR FUEL CELL, SEPARATOR FOR FUEL CELL USING THE SAME, FUEL CELL STACK, AND METHOD FOR MANUFACTURING SEPARATOR MATERIAL FOR FUEL CELL
JP2011202258 A 20111013	JX NIPPON MINING & METALS CORP [JP]	JP20100072926 20100326	C22C9/00; B01D53/22; B01D71/02; C01B3/56; C22C30/02	HYDROGEN PERMEABLE ALLOY AND HYDROGEN PERMEATION MEMBRANE UTILIZING THE SAME



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JP2011210383 A 20111020	JX NIPPON MINING & METALS CORP [JP]	JP20100074133 20100329	H01M8/02; H01M8/10	SEPARATOR MATERIAL FOR FUEL CELL, SEPARATOR FOR FUEL CELL USING THE SAME, FUEL CELL STACK, AND METHOD OF MANUFACTURING THE SEPARATOR MATERIAL FOR FUEL CELL
JP2011243473 A 20111201	JX NIPPON MINING & METALS CORP [JP]	JP20100115916 20100520	H01M8/02; C23C14/14; H01M8/10	SEPARATOR MATERIAL FOR FUEL CELL, FUEL CELL SEPARATOR USING THE SAME AND FUEL CELL STACK, AND METHOD OF MANUFACTURING SEPARATOR MATERIAL FOR FUEL CELL
JP2011246763 A 20111208	JX NIPPON MINING & METALS CORP [JP]	JP20100121176 20100527	C23C28/00; B32B15/01; C23C14/14	SURFACE TREATED Ti MATERIAL, AND MANUFACTURING METHOD THEREFOR
JP2011246778 A 20111208	JX NIPPON MINING & METALS CORP [JP]	JP20100122356 20100528	C23C28/00; C22C5/02; C22C27/06; C23C8/14; C23C14/34	SURFACE TREATED STAINLESS STEEL MATERIAL, AND METHOD FOR MANUFACTURING THE SAME
JP2011249147 A 20111208	JX NIPPON MINING & METALS CORP [JP]	JP20100121179 20100527	H01M8/02; C23C14/14; H01M8/10	FUEL CELL SEPARATOR MATERIAL, FUEL CELL SEPARATOR USING THE SAME, FUEL CELL STACK, AND METHOD OF MANUFACTURING FUEL CELL SEPARATOR MATERIAL
JP2011249148 A 20111208	JX NIPPON MINING & METALS CORP [JP]	JP20100121180 20100527	H01M8/02; C23C30/00; H01M8/10	FUEL CELL SEPARATOR MATERIAL, FUEL CELL SEPARATOR USING THE SAME, FUEL CELL STACK, AND METHOD OF MANUFACTURING FUEL CELL SEPARATOR MATERIAL

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WO2011122282 A1 20111006	JX NIPPON MINING & METALS CORP [JP]; SHIBUYA YOSHITAKA [JP]	JP20100080919 20100331	H01M8/02; H01M8/10	SEPARATOR MATERIAL FOR FUEL CELL, SEPARATOR FOR FUEL CELL AND FUEL CELL STACK USING THE SAME, AND METHOD FOR PRODUCING SEPARATOR MATERIAL FOR FUEL CELL
JP2011134443 A 20110707	JX NIPPON OIL & ENERGY CORP [JP]	JP20090289946 20091222	H01M8/04	FUEL CELL SYSTEM
JP2011138697 A 20110714	JX NIPPON OIL & ENERGY CORP [JP]	JP20090298228 20091228	H01M8/04	FUEL CELL SYSTEM AND ITS CONTROL METHOD
JP2011140411 A 20110721	JX NIPPON OIL & ENERGY CORP [JP]	JP20100001208 20100106	C01B3/26; B01D53/22; B01J23/42; C07C5/367; C07C15/04; C07C15/06; H01M8/06	ORGANIC COMPOUND DEHYDROGENATION REACTOR AND HYDROGEN PRODUCTION METHOD
JP2011146245 A 20110728	JX NIPPON OIL & ENERGY CORP [JP]	JP20100005997 20100114	H01M8/04; H01M4/90	PRE-PROCESSING METHOD FOR FUEL CELL
JP2011159493 A 20110818	JX NIPPON OIL & ENERGY CORP [JP]	JP20100020246 20100201	H01M8/04	FUEL CELL SYSTEM AND SETTING METHOD OF POWER GENERATION POWER TARGET VALUE
JP2011167595 A 20110901	JX NIPPON OIL & ENERGY CORP [JP]	JP20100031459 20100216	B01J23/89; B01J35/10; B01J37/08; C01B3/40	REFORMING CATALYST FOR PRODUCING HYDROGEN, METHOD FOR PRODUCING THE SAME, AND METHOD FOR PRODUCING HYDROGEN USING THE CATALYST
JP2011175745 A 20110908	JX NIPPON OIL & ENERGY CORP [JP]	JP20100036897 20100223	H01M8/04; C01B3/38; H01M8/06	FUEL CELL SYSTEM
JP2011187420 A 20110922	JX NIPPON OIL & ENERGY CORP [JP]	JP20100054616 20100311	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011192419 A 20110929	JX NIPPON OIL & ENERGY CORP [JP]	JP20100055466 20100312	H01M8/04	FUEL CELL SYSTEM AND ITS DIAGNOSTIC METHOD

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JP2011192593 A 20110929	JX NIPPON OIL & ENERGY CORP [JP]	JP20100059266 20100316	H01M4/86; H01M8/02	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
JP2011206726 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078681 20100330	B01J23/89; C01B3/40; H01M8/06	STEAM REFORMING CATALYST, HYDROGEN PRODUCTION APPARATUS, AND FUEL CELL SYSTEM
JP2011206732 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078819 20100330	B01J23/89; B01J23/62; H01M8/06	STEAM REFORMING CATALYST, HYDROGEN PRODUCTION APPARATUS, AND FUEL CELL SYSTEM
JP2011206733 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078826 20100330	B01J23/89; B01J23/58; C01B3/40; H01M8/06	CATALYST FOR STEAM-REFORMING, HYDROGEN PRODUCTION APPARATUS, AND FUEL CELL SYSTEM
JP2011207697 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078634 20100330	C01B3/40; B01J23/89; H01M8/06	HYDROGEN PRODUCTION METHOD, HYDROGEN PRODUCING DEVICE, AND FUEL CELL SYSTEM
JP2011207701 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078741 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207704 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078770 20100330	C01B3/38; H01M8/04; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207705 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078779 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207707 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078801 20100330	C01B3/48; C01B3/38; H01M8/04; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207708 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078809 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207709 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078815 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207711 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078824 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM

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JP2011207713 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078839 20100330	C01B3/38; H01M8/06; H01M8/10	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207714 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078847 20100330	C01B3/38; C01B3/48; H01M8/06	HYDROGEN PRODUCING APPARATUS AND FUEL CELL SYSTEM
JP2011207717 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078872 20100330	C01B3/38; C01B3/48; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207723 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100079124 20100330	C01F7/02; B01D15/00; B01J20/08; B01J20/30; C10G25/00; C10G29/16; H01M8/06	METHOD OF MANUFACTURING SULFATE ALUMINA, METHOD OF DECREASING PEROXIDE VALUE OF HYDROCARBON OIL, METHOD OF DESULFURIZING HYDROCARBON OIL AND FUEL CELL SYSTEM
JP2011207726 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100079234 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011207727 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100079240 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCING APPARATUS AND FUEL CELL SYSTEM
JP2011207728 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100079255 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCING APPARATUS AND FUEL CELL SYSTEM
JP2011207729 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100079258 20100330	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011210392 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100074276 20100329	H01M8/04	FUEL CELL SYSTEM
JP2011210449 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100075328 20100329	H01M8/04	FUEL CELL SYSTEM
JP2011210501 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100076490 20100330	H01M8/04	FUEL CELL SYSTEM, AND START-UP METHOD FOR THE SAME
JP2011210625 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078695 20100330	H01M8/04; H01M8/06	FUEL CELL SYSTEM, AND CONTROL METHOD OF THE SYSTEM

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JP2011210626 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078701 20100330	H01M8/06; B01J23/89; C01B3/40	FUEL CELL SYSTEM
JP2011210628 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078719 20100330	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD OF THE SYSTEM
JP2011210634 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078738 20100330	H01M8/06; B01J23/89; C01B3/40	FUEL CELL SYSTEM
JP2011210643 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078803 20100330	H01M8/06; C01B3/48; H01M8/04	FUEL CELL SYSTEM, AND CONTROL METHOD OF THE FUEL CELL SYSTEM
JP2011210648 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078887 20100330	H01M8/04; H01M8/06; H01M8/12	INDIRECT INTERIOR REFORMING TYPE SOLID OXIDE FUEL CELL SYSTEM AND OPERATION METHOD FOR THE SAME
JP2011238527 A 20111124	JX NIPPON OIL & ENERGY CORP [JP]	JP20100110484 20100512	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2011240273 A 20111201	JX NIPPON OIL & ENERGY CORP [JP]	JP20100115446 20100519	B01J20/18; B01D15/00; B01J20/30; C01B3/38; C10G25/00	ADSORBENT, ITS PRODUCTION METHOD AND FUEL DESULFURIZATION METHOD
WO2011122579 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; GOTO AKIRA [JP]; IBUKA TAKESHI [JP]	JP20100078864 20100330	C01B3/38; H01M8/06	DEVICE FOR PRODUCING HYDROGEN, AND FUEL-CELL SYSTEM
WO2011122372 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; GOTO AKIRA [JP]; UNNO TOSHIYUKI [JP]	JP20100078818 20100330	C01B3/38; C01B3/48; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
WO2011122373 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; GOTO AKIRA [JP]; UNNO TOSHIYUKI [JP]	JP20100078868 20100330	C01B3/38; H01M8/04; H01M8/06	HYDROGEN PRODUCTION APPARATUS, FUEL CELL SYSTEM AND METHOD FOR STARTING HYDROGEN PRODUCTION APPARATUS

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WO2011122418 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; HASHIMOTO YASUSHI [JP]; GOTO AKIRA [JP]; KATO EMI [JP]	JP20100078763 20100330	C01B3/38; C01B3/48; H01M8/04; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
WO2011122419 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; HASHIMOTO YASUSHI [JP]; GOTO AKIRA [JP]; KATO EMI [JP]; SAKIMA SHUHEI [JP]	JP20100078789 20100330	C01B3/38; C01B3/48; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
WO2011118775 A1 20110929	JX NIPPON OIL & ENERGY CORP [JP]; ISHIDA TOMOTAKA [JP]	JP20100072885 20100326	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM, REFORMER SYSTEM, AND METHOD FOR DRIVING FUEL CELL SYSTEM
JP2011195387 A 20111006	JX NIPPON OIL & ENERGY CORP [JP]; JAPAN PETROLEUM ENERGY CT	JP20100064550 20100319	C01B3/38; B01D63/06; B01D69/10; B01D69/12; B01D71/02; C01B3/48; C01B3/56	MEMBRANE SEPARATION TYPE REACTOR, MEMBRANE SEPARATION TYPE HYDROGEN PRODUCTION APPARATUS AND METHOD FOR PRODUCING HYDROGEN
JP2011206612 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]; JAPAN PETROLEUM ENERGY CT	JP20100073734 20100326	B01D53/22; B01D71/02; C01B3/50	MEMBRANE SEPARATION TYPE REACTOR AND METHOD OF PRODUCING HYDROGEN
WO2011122485 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; KATO EMI [JP]; GOTO AKIRA [JP]; HASHIMOTO YASUSHI [JP]; HASEGAWA TAKAYUKI [JP]	JP20100074768 20100329	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM

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WO2011083653 A1 20110714	JX NIPPON OIL & ENERGY CORP [JP]; KOBORI YOSHIHIRO [JP]	JP20100066363 20100323; JP20100001208 20100106	C01B3/26; B01D53/22; B01J23/42; C07C5/367; C07C15/04; C07C15/06; H01M8/06	REACTOR FOR DEHYDROGENATION OF ORGANIC COMPOUND, HYDROGEN PRODUCTION APPARATUS, AND HYDROGEN PRODUCTION PROCESS
WO2011111702 A1 20110915	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO TAMAKI [JP]; IBUKA TAKESHI [JP]	JP20100053936 20100311	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING ELECTRIC CURRENT OF SAME
WO2011122578 A1 20111006	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO YASUSHI [JP]; IBUKA TAKESHI [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]; ICHIYA TAKASHI [JP]	JP20100075323 20100329	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011210636 A 20111020	JX NIPPON OIL & ENERGY CORP [JP]; NAT UNIV YOKOHAMA	JP20100078754 20100330	H01M4/90; H01M4/86; H01M8/06; H01M8/10	DOMESTIC STATIONARY FUEL-CELL SYSTEM
JP2011181268 A 20110915	JX NIPPON OIL & ENERGY CORP [JP]; SUMITOMO PRECISION PROD CO	JP20100042976 20100226	H01M8/06; H01M8/04; H01M8/12	HEATING METHOD OF DESULFURIZER FOR FUEL CELL AND FUEL CELL SYSTEM
JP2011181270 A 20110915	JX NIPPON OIL & ENERGY CORP [JP]; SUMITOMO PRECISION PROD CO	JP20100043015 20100226	H01M8/06; C10G25/00; H01M8/04; H01M8/12	DESULFURIZER FOR FUEL CELL AND FUEL CELL SYSTEM EQUIPPED WITH THE SAME
JP2011201729 A 20111013	JX NIPPON OIL & ENERGY CORP [JP]; SUMITOMO PRECISION PROD CO	JP20100070937 20100325	C01B3/38; H01M8/06; H01M8/12	REFORMING DEVICE AND FUEL CELL SYSTEM
JP2011204484 A 20111013	JX NIPPON OIL & ENERGY CORP [JP]; SUMITOMO PRECISION PROD CO	JP20100070916 20100325	H01M8/06; H01M8/12	FUEL CELL SYSTEM

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JP2011238371 A 20111124	JX NIPPON OIL & ENERGY CORP [JP]; UNIV KYUSHU	JP20100106488 20100506	H01M4/86; H01M4/90; H01M8/04	MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, AND ACTIVATING METHOD FOR FUEL CELL
KR20110100555 A 20110914	KAMTEC CO LTD [KR]	KR20100019612 20100304	F16K31/06; F16K31/52; F16K31/53; H01M8/06	GAS CONTROL VALVE FOR VEHICLE
KR20110100556 A 20110914	KAMTEC CO LTD [KR]	KR20100019613 20100304	F16K31/04; F16K31/52; F16K31/53; H01M8/06	GAS CONTROL VALVE FOR VEHICLE
KR20110100557 A 20110914	KAMTEC CO LTD [KR]	KR20100019614 20100304	F16K31/04; F16K31/524; F16K31/53; H01M8/06	GAS CONTROL VALVE FOR VEHICLE
JP2011157456 A 20110818	KANEKA CORP; UNIV YAMANASHI	JP20100019414 20100129	C08G65/326	METHOD FOR PRODUCING SULFONATED POLYMER COMPOUND
JP2011157488 A 20110818	KANEKA CORP; UNIV YAMANASHI	JP20100020740 20100201	C08J3/11; C08G85/00; C08J7/14; H01B1/06; H01B13/00; H01M4/86; H01M8/02	PROCESS FOR PRODUCING SULFONATED POLYMER SOLUTION AND USAGE THEREOF
JP2011181278 A 20110915	KANEKA CORP; UNIV YAMANASHI	JP20100043165 20100226	H01M8/02; C08G65/40; H01M4/86; H01M8/10	POLYMER ELECTROLYTE, ITS MANUFACTURING METHOD, AND ITS APPLICATION



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JP2011190332 A 20110929	KANEKA CORP; UNIV YAMANASHI	JP20100056738 20100312	C08G65/48; C08J5/22; H01B1/06; H01M8/02; H01M8/10	POLYMER ELECTROLYTE AND UTILIZATION THEREOF
KR101067920B B1 20110926	KANG SHINN WANG [KR]	KR20110075709 20110729	C01B3/06; H01M8/06	ALL-IN-ONE CHEMICAL HYDRIDE HYDROGEN GENERATION DEVICE EQUIPPED WITH BY-PRODUCT STORAGE CHAMBER
KR101090705B B1 20111208	KANGNAM UNIVERSITY INDUSTRY ACADEMIA COOPERATION FOUNDATION [KR]; HYUNDAI MOTOR CO LTD [KR]	KR20100117862 20101125	G01R31/36; H01M8/04	METHOD FOR MONITORING OF FUEL CELL STACK STATUS
JP2011140418 A 20110721	KANSAI ELECTRIC POWER CO	JP20100001994 20100107	C04B35/622; H01M8/02	METHOD FOR PRODUCING LAMINATED SHEET, METHOD FOR PRODUCING LAMINATED SHEET FOR FUEL CELL, AND FUEL CELL
JP2011144814 A 20110728	KANSAI ELECTRIC POWER CO; IWATANI INT CORP	JP20100003580 20100112	F17C9/00; C01B3/00; F17C5/06	METHOD FOR PRESSURIZING LIQUEFIED HYDROGEN CONTAINER
JP2011190477 A 20110929	KANSAI PAINT CO LTD	JP20100055199 20100312	C25D13/00; C09D5/24; C09D5/44; C09D7/12; C09D161/00; C09D163/00; C09D175/04; C09D201/00; H01M8/02	METHOD FOR FORMING DOUBLE-LAYERED COATING FILM
JP2011238363 A 20111124	KAWASAKI HEAVY IND LTD	JP20100106384 20100506	H01M8/06; H01M8/04	FUEL CELL

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WO2011158457 A1 20111222	KAWASAKI HEAVY IND LTD [JP]; SUZUKI YUTAKA; NOMICHI KAORU; NINOMIYA MAKOTO	JP20100135854 20100615	F16K31/42; F16K31/06	ELECTROMAGNETIC ON-OFF VALVE
WO2011133844 A1 20111027	KCI LICENSING INC [US]; LOCKE CHRISTOPHER BRIAN [GB]; COULTHARD RICHARD DANIEL JOHN [GB]	US201113090775 20110420; US20100326924P 20100422	A61M27/00; H01M8/16	SYSTEM AND METHOD FOR UTILIZING EXUDATE WITH A REDUCED PRESSURE TREATMENT SYSTEM TO GENERATE ELECTRICITY
JP2011160599 A 20110818	KDDI CORP	JP20100021757 20100203	H02J7/00; H01M8/04; H01M10/44; H02J17/00; H04M1/02	CHARGING DEVICE
WO2011118240 A1 20110929	KEIHIN CORP [JP]; SAITO YOSHIO [JP]; KURIYAGAWA YOHEI [JP]	JP20100071745 20100326	F02D41/04; F02D19/02; F02D19/06; F02D45/00; F02M21/02; F02M21/06; H01M8/04	FUEL SUPPLY CONTROL DEVICE AND FUEL SUPPLY SYSTEM
CN102191511 A 20110921	KEMAI CHANGZHOU ELECTRONICS CO LTD	CN20111105892 20110427	C25B1/10; H01M8/06	Portable water electrolysis oxygenator
US2011229780 A1 20110922	KERSHAW DAN [US]	US201113007486 20110114; US20100728923 20100322	H01M8/06; C25B1/02; C25B9/00; C25B15/02	HYDROGEN GENERATION AND STORAGE SYSTEM FOR COLLECTION AND STORAGE OF ENERGY
CN102222793 A 20111019	KIA MOTORS CORP; HYUNDAI MOTOR CO LTD	KR20100034530 20100415	H01M8/04	Coolant demineralizer for fuel cell vehicle

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JP2011142001 A 20110721	KIKUSUI KAGAKU KOGYO KK	JP20100001775 20100107	H01M8/02; H01B1/06; H01B13/00; H01M8/12	METHOD OF MANUFACTURING SOLID ELECTROLYTE STRUCTURE, THE SOLID ELECTROLYTE STRUCTURE, AND SINGLE CELL FOR SOLID OXIDE FUEL BATTERY USING THE SOLID ELECTROLYTE STRUCTURE
JP2011233309 A 20111117	KIKUSUI KAGAKU KOGYO KK	JP20100101349 20100426	H01M8/24; H01M8/04; H01M8/12	FUEL CELL SYSTEM
KR20110135696 A 20111219	KIM HEUNG TAE [KR]	KR20100055564 20100611	G01R19/165; H01M8/02	DEVICE FOR MEASURING VOLTAGE OF FUEL CELL AND THE METHOD USING THE SAME
US2011294042 A1 20111201	KIM JONGHEE [KR]; JO KIHOO [KR]; KIM YOUNGHWAN [KR]; LEE JEONGHE [KR]; LEE YUNYONG [KR]; KIM JINSUK [KR]; SEOK JONGHOON MOO [KR]	KR20080135141 20081229; KR20090127397 20091218; WO2009KR07891 20091229	H01M2/16; C22C38/16; C22C38/26; C23C22/34; H01M2/18; H01M8/04	STAINLESS STEEL FOR POLYMER FUEL CELL SEPARATOR AND METHOD FOR PREPARING SAME
KR101071228B B1 20111010	KIM YOUNG JUNG [KR]; MIM CERAMICS CO LTD [KR]	KR20100101803 20101019	H01M8/12; H01M8/02; H01M8/24	SOLID OXIDE FUEL CELL
DE102010011206 A1 20110915	KLINDER KAI [DE]	DE201010011206 20100309	H01M8/04; H01M8/02	Fuel cell stack i.e. proton exchange membrane fuel cell stack, for producing power, has bipolar plates whose edges rest against outer structure, where supply of fuel and oxidant and removal of products takes place over edges of plates
US2011300464 A1 20111208	KNIGHT JAMES WILLIAM [US]; HAYNES JR DONALD EDWARD [US]	US20100804725 20100727; US20040948480 20040923; US20030505938P 20030925	H01M8/04	Apparatus and method of recovering vapors

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JP2011148652 A 20110804	KOBE STEEL LTD	JP20100010871 20100121	C01B3/56; B01D53/04; C01B3/32; H01M8/04; H01M8/06	METHOD FOR MANUFACTURING HIGH PURITY HYDROGEN
JP2011198573 A 20111006	KOBE STEEL LTD	JP20100062915 20100318	H01M8/02	SEPARATOR FOR FUEL CELL AND MANUFACTURING METHOD THEREOF
US2011200890 A1 20110818	KOCHERGINSKY NIKOLAI M [US]	US20100706713 20100217	H01M8/22	Redox membrane-based flow fuel cell
DE102010025005 A1 20111229	KOEHNE STEPHAN [DE]; KONRAD MARTIN [DE]	DE201010025005 20100624	H01M8/02	Bipolar plate for fuel cell, has conductive material that is embedded in gas distribution structure and provided in direct electric contact with membrane electrode assembly
KR20110109814 A 20111006	KOLON INC [KR]	KR20100029105 20100331; KR20100056571 20100615	H01M8/04; H01M8/10	HUMIDIFIER FOR FUEL CELL
WO2011122822 A2 20111006	KOLON INC [KR]; KIM KYOUNG-JU [KR]; SHIN YONG-CHEOL [KR]; LEE MOO-SEOK [KR]	KR20110006305 20110121; KR20100056571 20100615; KR20100029105 20100331	H01M8/04; F24F6/00; H01M8/10	HUMIDIFIER FOR FUEL CELL
KR20110120185 A 20111103	KOLON INC [KR]; KOLON FASHION MATERIAL INC [KR]	KR20100039471 20100428	H01M8/10; B82B3/00; C08J5/22; C08J7/12	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20110092960 A 20110818	KOMICO LTD [KR]	KR20100012693 20100211	H01M8/02; H01M8/12	TUBE TYPE SOLID OXIDE FUEL CELL
KR20110092963 A 20110818	KOMICO LTD [KR]	KR20100012697 20100211	H01M8/06; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20110103593 A 20110921	KOMICO LTD [KR]	KR20100022733 20100315	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME

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WO2011149174 A1 20111201	KOMICO LTD [KR]; CHOI SONG-HO [KR]; HAN KI-MOON [KR]; KIM JONG-WAN [KR]	KR20100048908 20100526	H01M8/12; H01M8/02; H01M8/24	LAMINATED STRUCTURE FOR SOLID OXIDE FUEL CELL
JP2011148664 A 20110804	KONICA MINOLTA HOLDINGS INC [JP]	JP20100012935 20100125	C01B3/10; C22C19/00; H01M8/00; H01M8/02; H01M8/06	HYDROGEN GENERATION MATERIAL, FUEL CELL, AND METHOD FOR PRODUCING THE HYDROGEN GENERATION MATERIAL
JP2011165371 A 20110825	KONICA MINOLTA HOLDINGS INC [JP]	JP20100023949 20100205	H01M8/04; H01M8/00; H01M8/06; H01M8/12	FUEL CELL
JP2011184254 A 20110922	KONICA MINOLTA HOLDINGS INC [JP]	JP20100052514 20100310	C01B3/08; H01M8/06	METHOD FOR PRODUCING HYDROGEN GENERATING AGENT, HYDROGEN GENERATING AGENT AND FUEL CELL
JP2011222290 A 20111104	KONICA MINOLTA HOLDINGS INC [JP]	JP20100090072 20100409	H01M8/04; H01M8/02; H01M8/06	FUEL CELL
WO2011089811 A1 20110728	KONICA MINOLTA HOLDINGS INC [JP]; ISHIDA NOBUHISA [JP]; SAMESHIMA KOUICHI [JP]; OHMORI HIROKO [JP]	JP20100012201 20100122	H01M8/06; H01M8/04; H01M8/12	FUEL CELL SYSTEM
WO2011083691 A1 20110714	KONICA MINOLTA HOLDINGS INC [JP]; OKANO TAKAYUKI [JP]	JP20100001843 20100107	H01M8/06; H01M8/02; H01M8/04; H01M8/24	FUEL CELL
WO2011089817 A1 20110728	KONICA MINOLTA HOLDINGS INC [JP]; OKANO TAKAYUKI [JP]	JP20100012936 20100125	H01M8/06; H01M8/02; H01M8/12; H01M8/24	FUEL BATTERY

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WO2011135932 A1 20111103	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; WADA SHIGERU [JP]; UHEYAMA MASAYUKI [JP]; ISHIDA NOBUHISA [JP]	JP20100103469 20100428	H01M8/06; H01M8/00; H01M8/02; H01M8/04	FUEL CELL DEVICE
WO2011142247 A1 20111117	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; WADA SHIGERU [JP]; UHEYAMA MASAYUKI [JP]; ISHIDA NOBUHISA [JP]	JP20100109093 20100511	H01M8/06; H01M8/02; H01M8/04	FUEL CELL DEVICE
WO2011158614 A1 20111222	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; WADA SHIGERU [JP]; UHEYAMA MASAYUKI [JP]; ISHIDA NOBUHISA [JP]	JP20100138842 20100618	H01M8/06; H01M8/00; H01M8/02; H01M8/04	FUEL CELL DEVICE, AND FUEL CELL SYSTEM EQUIPPED WITH SAME
KR101067509B B1 20110927	KORE INST MACH & AMP MATERIALS [KR]	KR20110044237 20110511	H01M8/04; F02C3/00; G05D7/00; H01M8/06	A FUEL CELL-LINKED POWER GENERATION PLANT USING PURE OXYGEN COMBUSTION AND A CONTROL METHOD THEREOF
KR20110089594 A 20110809	KOREA ADVANCED INST SCI & TECH [KR]	KR20100009064 20100201	H01M8/02; H01M8/12	STACK OF DISC TYPE SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
KR20110089595 A 20110809	KOREA ADVANCED INST SCI & TECH [KR]	KR20100009068 20100201	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL WITH HIGH SEALING EFFICIENCY
KR20110089598 A 20110809	KOREA ADVANCED INST SCI & TECH [KR]	KR20100009072 20100201	H01M8/02; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL WITH HIGH SEALING EFFICIENCY AND MANUFACTURING METHOD THEREOF
KR20110097281 A 20110831	KOREA ADVANCED INST SCI & TECH [KR]	KR20100017048 20100225	C01B3/38; H01M8/06	FUEL REFORMER
KR20110101452 A 20110916	KOREA ADVANCED INST SCI & TECH [KR]	KR20100020450 20100308	C08B1/00; C10L1/02; H01M8/06	SYSTEM FOR PRETREATMENT OF BIO MASS AND METHOD FOR PRETREATING BIO MASS USING THE SAME

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KR20110112512 A 20111013	KOREA ADVANCED INST SCI & TECH [KR]	KR20100031652 20100407	H01M8/12; H01M8/02	STACK OF SOLID OXIDE FUEL CELL
KR20110113854 A 20111019	KOREA ADVANCED INST SCI & TECH [KR]	KR20100033163 20100412	H01M8/12; H01M8/02	FABRICATION METHOD OF METAL SUPPORTED SOLID OXIDE FUEL CELL
KR20110124458 A 20111117	KOREA ADVANCED INST SCI & TECH [KR]	KR20100043829 20100511	H01M4/90; B01J27/20; B82B3/00; H01M8/10	METAL-PORPHYRINIC CARBON NANOTUBE USED FOR ELECTRODES OF FUEL CELL
KR20110126786 A 20111124	KOREA ADVANCED INST SCI & TECH [KR]	KR20100046239 20100518	H01M8/12; H01M8/04	POROUS-METAL SUPPORTED SOFC AND METHODS FOR MANUFACTURING THE SAME
KR20110131377 A 20111207	KOREA ADVANCED INST SCI & TECH [KR]	KR20100050782 20100531	H01M8/12; G01K7/02; H01M8/02	A FUEL CELL INCLUDING THERMO-COUPLE AND THE METHOD OF MANUFACTURING THE SAME
KR20110132804 A 20111209	KOREA ADVANCED INST SCI & TECH [KR]	KR20100052346 20100603	H01M4/90; B01J21/18; H01M8/10	DOPED 2-DIMENSIONAL CARBON MATERIAL FOR OXYGEN REDUCTION AND ALCOHOL TOLERANT PROPERTIES AS A CATHODE OF POLYMER ELECTROLYTE FUEL CELL
KR20110138538 A 20111228	KOREA ADVANCED INST SCI & TECH [KR]	KR20100058472 20100621	H01M8/12; C23C30/00; H01M8/02	A FUEL CELL WITH METAL-PASTE AND THE METHOD FOR MANUFACTURING A FUEL CELL WITH METAL-PASTE
KR20110138539 A 20111228	KOREA ADVANCED INST SCI & TECH [KR]	KR20100058473 20100621	H01M8/02; C03C3/00; C04B37/02; H01M2/08	FUEL-CELL OF FIXING A CELL WITH SEALING MATERIAL AND THE METHOD FOR MANUFACTURING THE SAME
CN102244279 A 20111116	KOREA ADVANCED INST SCI & TECH [KR]; HYUNDAI MOTOR CO LTD	KR20100043715 20100511	H01M8/02; H01M2/14	Method for manufacturing composite separator for fuel cell and composite separator manufactured by the same

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KR20110085392 A 20110727	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & AMP NUCLEAR POWER CO LTD [KR]	KR20100005159 20100120	H01M8/02; C08G65/326; C08J7/12; H01M8/10	A METHOD FOR MODIFYING A SURFACE OF PROTON EXCHANGE MEMBRANES USING ION IMPLANTATION AND PROTON EXCHANGE MEMBRANES MODIFIED THEREBY
KR20110083413 A 20110720	KOREA AUTOMOTIVE TECH INST [KR]	KR20100003624 20100114	H01M8/04; H01M8/10	SYSTEM RECIRCULATING HYDROGEN OF A FUEL CELL
KR20110103677 A 20110921	KOREA AUTOMOTIVE TECH INST [KR]	KR20100022856 20100315	F02M37/00; F02M69/00; H01M8/06	HYDROGEN PRESSURE CONTROLLED REGULATOR FOR FUEL CELL VEHICLE
KR20110085677 A 20110727	KOREA BASIC SCIENCE INST [KR]	KR20100005589 20100121	H01M4/88; H01M4/90; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING ELECTRODE FOR FUEL CELL, MANUFACTURING DEVICE FOR THE SAME, AND FUEL CELL COMPRISING ELECTRODE MANUFACTURED BY THE SAME
KR20110075224 A 20110706	KOREA DISTR HEATING CORP [KR]	KR20090131610 20091228	H01M8/06; G05D11/08; H01M8/04	GAS MIXING METHOD FOR COST REDUCTION OF FUEL PURIFICATION PROCESS FOR FUEL CELL SYSTEM
KR101067867B B1 20110927	KOREA ELECTRONICS TECHNOLOGY [KR]; KOREA INST SCI & TECH [KR]	KR20100034443 20100414	H01M8/18; H01M8/02	A GRAPHITE/DSA ASSEMBLED-ELECTRODE FOR REDOX FLOW BATTERY, PREPARATION METHOD THEREOF AND REDOX FLOW BATTERY THEREWITH
KR101052340B B1 20110727	KOREA ENERGY RESEARCH INST [KR]	KR20110039245 20110426	H01M8/02; B01J21/00; B01J23/42; H01M8/10	FUEL CELL SEPARATOR FOR HIGH TEMPERATURE PEMFC WITH REFORM AND COMBUSTION CHANNEL
KR20110078903 A 20110707	KOREA ENERGY RESEARCH INST [KR]	KR20090135817 20091231	H01M4/86; H01M8/10	DIRECT METHANOL FUEL CELL HAVING MICRO-PERFORATED CARBON PAPERS AS DIFFUSION LAYERS
KR20110092416 A 20110818	KOREA ENERGY RESEARCH INST [KR]	KR20100011820 20100209	C01B3/38; H01M8/06	HYDROCARBON REFORMING DEVICE USING MICRO CHANNEL HEATER



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KR20110094448 A 20110824	KOREA ENERGY RESEARCH INST [KR]	KR20100013827 20100216	H01M8/02; H01M8/12	BUNDLE OF UNIT CELL ASSEMBLY TYPE SOFC AND MANUFACTURING METHOD
KR20110094933 A 20110824	KOREA ENERGY RESEARCH INST [KR]	KR20100014672 20100218	H01M8/02; C01F11/00; C01F17/00; H01M8/12	MANUFACTURING METHOD OF LSCF/CGO COMPOSITE CATHODE FOR SOLID OXIDE FUEL CELL AND THE CATHODE
KR20110104200 A 20110922	KOREA ENERGY RESEARCH INST [KR]	KR20100023195 20100316	H01M8/12; B05D1/02; C04B35/01; H01M8/04	MANUFACTURING METHOD OF LCC CERAMIC INTERCONNECT FOR SOFC USING THERMAL PLASMA SPRAY COATING AND THE INTERCONNECT MADE BY THE SAME
KR20110108569 A 20111006	KOREA ENERGY RESEARCH INST [KR]	KR20100027835 20100329	H01M4/88; H01M8/02; H01M8/10	METHOD FOR PRE-ACTIVATING POLYMER ELECTROLYTE FUEL CELL(PEFC)
KR20110108952 A 20111006	KOREA ENERGY RESEARCH INST [KR]	KR20100028458 20100330	H01M8/12; C04B35/48; H01M8/02	MANUFACTURING METHOD OF SUPPORT FOR SEGMENT-IN-SERIES TYPE SOFC AND THE SUPPORT MADE BY THE SAME
KR20110116624 A 20111026	KOREA ENERGY RESEARCH INST [KR]	KR20100036151 20100420	H01M8/18; H01M8/04	REDOX FLOW BATTERY STRUCTURE
KR20110124550 A 20111117	KOREA ENERGY RESEARCH INST [KR]	KR20100044003 20100511	H01M8/12; C23C28/04; H01M8/02	MESH TYPE CATHODE CURRENT COLLECTOR OF TUBULAR SOLID OXIDE FUEL CELL
KR20110125759 A 20111122	KOREA ENERGY RESEARCH INST [KR]	KR20100045297 20100514	H01M4/92; B01J21/18; B01J23/40; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY(MEA) USING NANO CARBON MATERIALS FOR FUEL CELL AND METHOD FOR THE SAME
KR20110128077 A 20111128	KOREA ENERGY RESEARCH INST [KR]	KR20100047702 20100520	H01M8/04; G01R31/36; G05D7/06; H01M8/10	METHOD AND APPARATUS FOR CONTROLLING OPERATION OF DIRECT METHANOL FUEL CELL SYSTEM

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US2011236774 A1 20110929	KOREA ENERGY RESEARCH INST [KR]	KR20100027836 20100329	H01M8/06; H01M8/04; H01M8/10; H01M8/24	System for Pre-Activation of Polymer Electrolyte Fuel Cell (PEFC)
KR20110094592 A 20110824	KOREA IND TECH INST [KR]	KR20100014097 20100217	H01M8/02; C23C8/26; H01M4/86; H01M8/10	FUEL CELL BIPOLAR PLATE
KR20110096998 A 20110831	KOREA IND TECH INST [KR]	KR20100016604 20100224	H01M8/02; C01F11/00; C01F17/00; H01M8/12	MANUFACTURING METHOD OF LSCF POWDER AND CELL HAVING THE POWDER FOR SOLID OXIDE FUEL CELL
WO2011162571 A2 20111229	KOREA IND TECH INST [KR]; KIM HO SUNG [KR]; KIM YOUNG MI [KR]; KANG JU HEE [KR]; CHANG DUCK RYE [KR]; LEE JONG HO [KR]; KANG CHANG SEOG [KR]; JEONG CHAE HWAN [KR]; JANG JAE HYUK [KR]	KR20100060657 20100625	H01M8/12; B05D1/12; H01M4/86; H01M8/02	METHOD FOR MANUFACTURING UNIT CELLS OF SOLID OXIDE FUEL CELL
KR20110128439 A 20111130	KOREA INST CERAMIC ENG & TECH [KR]	KR20100047891 20100524	H01M8/12; C01F5/02; C01F7/02; H01M8/04	FORMING COMPONENT MATERIAL LAYER USING TRANSCRIPTION METHOD ON POROUS CERAMIC SUPPORT FOR SEGMENTED TYPE SOFC
KR101093553B B1 20111213	KOREA INST GEOSCIENCE & MINERA [KR]	KR20110017032 20110225	C01G23/00; B01J23/42; H01M4/92; H01M8/02	PREPARATION METHOD FOR NANOPOROUS PT/TIO2 COMPOSITE PARTICLES
AT531085T T 20111115	KOREA INST SCI & TECH [KR]	KR20050033755 20050422; WO2005KR04326 20051215	H01M4/86; H01M4/88; H01M8/12	HERSTELLUNGSVERFAHREN EINER MIKROGRÖSSEN- ELEKTRODE FÜR EINE FESTOXID-BRENNSTOFFZELLE

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KR20110082724 A 20110720	KOREA INST SCI & TECH [KR]	KR20100002597 20100112	H01M4/88; H01M4/92; H01M8/10	ELECTRODE INCLUDING POLYBENZIMIDAZOLE, MEMBRANE ELECTROLYTE ASSEMBLY AND FUEL CELL INCLUDING THE ELECTRODE, AND METHOD FOR MANUFACTURING THE SAME
KR20110092805 A 20110818	KOREA INST SCI & TECH [KR]	KR20100012437 20100210	F17C13/08; C01B3/02; F17C13/04; H01M8/04	HYDROGEN SUPPLY TANK, HYDROGEN SUPPLY APPARATUS AND METHOD FOR SUPPLYING HYDROGEN AND HYDROGEN USAGE APPARATUS USING THE SAME
KR20110110600 A 20111007	KOREA INST SCI & TECH [KR]	KR20100030003 20100401	H01M4/88; H01M8/10	A METHOD OF PREPARING A MEMBRANE-ELECTRODE ASSEMBLY FOR A FUEL CELL
KR20110114231 A 20111019	KOREA INST SCI & TECH [KR]	KR20100033762 20100413	B01J23/63; C22C5/04; H01M4/92; H01M8/10	PT-Y ALLOY CATALYST AND METHOD FOR PREPARING THE SAME, FUEL CELL COMPRISING THE CATALYST
KR20110114992 A 20111020	KOREA INST SCI & TECH [KR]	KR20100034421 20100414	H01M4/86; B01J35/12; H01M8/10	A CATALYST SLURRY COMPOSITION, A METHOD FOR PREPARING A MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL USING THE SAME AND THE MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL PREPARED THEREFROM
KR20110122541 A 20111110	KOREA INST SCI & TECH [KR]	KR20100042107 20100504	B01J8/04; B01J19/32; C01B3/38; H01M8/06	MICRO-MACRO CHANNEL REACTOR
KR20110122906 A 20111114	KOREA INST SCI & TECH [KR]	KR20100042238 20100506	B01J8/04; B01J19/32; C01B3/38; H01M8/06	METHOD FOR MANUFACTURING MICRO-MACRO CHANNEL REACTOR

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KR20110127507 A 20111125	KOREA INST SCI & TECH [KR]	KR20100047036 20100519	G01N27/00; G01N33/22; H01M8/00	SENSOR AND METHOD FOR SENSING FUEL CONCENTRATION, METHOD AND SYSTEM APPARATUS FOR FUEL RECIRCULATION OF FUEL CELL USING THE SAME, FUEL CELL USAGE APPARATUS USING THE SAME
US2011217614 A1 20110908	KOREA INST SCI & TECH [KR]	US201113109135 20110517; KR20060018927 20060227; KR20060031958 20060407; US20060554407 20061030	H01M8/04	DIRECT FORMIC ACID FUEL CELL PERFORMING REAL TIME MEASUREMENT AND CONTROL OF CONCENTRATION OF FORMIC ACID AND OPERATION METHOD THEREOF
KR20110123031 A 20111114	KOREA INST SCI & TECH [KR]; SUNG JIN GEOTEC CO LTD [KR]; DONGHWA ENTEC CO LTD [KR]; DAEWOO SHIPBUILDING & MARINE [KR]; JNK HEATERS CO LTD [KR]; HY LOK CORP [KR]	KR20100042446 20100506	H01M8/06; B63H21/17; C07C41/01; C10L3/10	FPSO-DME SYSTEM FOR CONVERSION OF ASSOCIATED GAS IN OIL FIELDS AND STRANDED GAS IN STRANDED GAS FIELDS, AND PROCESS FOR PRODUCTION OF DIMETHYL ETHER USING THE SAME
JP2011249321 A 20111208	KOREA MACH & MATERIALS INST	KR20100049428 20100527; KR20100057833 20100618	H01M8/04; H01M8/06	OPEN-TYPE FUEL CELL SYSTEM HAVING UNREACTED SUBSTANCE REMOVING FUNCTION
KR20110115079 A 20111020	KOREA MARITIME UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	KR20100034186 20100414	H01M8/16; H01M8/02	ARRARATUS FOR A BATCH MICROBIAL FUEL CELL WITH WATER SURFACE AIR CATHODE
KR20110096437 A 20110830	KOREA RES INST CHEM TECH [KR]	KR20100015878 20100222	H01M4/92; B01J23/34; B01J23/42; H01M8/10	PLATINUM-MANGANESE-BASED ALLOY CATHODE CATALYST FOR FUEL CELLS HAVING AN IMPROVED ACTIVITY
JP2011181301 A 20110915	KRI INC	JP20100043793 20100301	H01M8/04; G01N21/78; H01M4/86	EVALUATION METHOD OF ELECTRODE CATALYST FOR ALKALINE FUEL CELL

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KR20110139012 A 20111228	KUKDONG JEYEN COMPANY LTD [KR]	KR20100059239 20100622	C09K5/20; H01M8/04	COOLING LIQUID COMPOSITION FOR FUEL-CELL
US2011183231 A1 20110728	KUMOH NAT INST TECH ACAD COOP [KR]	KR20100008015 20100128	H01M8/10; B05D5/12; B06B1/00; C08K3/36; H01M8/04; H01M8/22	HIGH MOLECULAR NANOCOMPOSITE MEMBRANE FOR DIRECT METHANOL FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY AND METHANOL FUEL CELL INCLUDING THE SAME
US2011294040 A1 20111201	KUMOH NAT INST TECH ACAD COOP [KR]	KR20100050946 20100531	H01M8/12; B05D5/12; H01B1/06	PROTON-CONDUCTING HYBRID GLASS AND METHOD FOR MANUFACTURING THE SAME
CN202029705U U 20111109	KUNSHAN FUERSAI ENERGY CO LTD	CN20112021871U 20110124	B60L11/00; B60L11/18; H01M8/00	Multifunctional fuel cell automobile system
JP2011165347 A 20110825	KURARAY CO [JP]; UNIV NAGOYA	JP20100023525 20100204	H01M8/02; H01B1/06; H01M8/10	ELECTROLYTE, ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
JP2011204467 A 20111013	KURARAY CO [JP]	JP20100070654 20100325	H01M4/86; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND METHOD OF MANUFACTURING THE SAME, AND POLYMER ELECTROLYTE FUEL CELL
JP2011204468 A 20111013	KURARAY CO [JP]	JP20100070655 20100325	H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND SOLID POLYMER FUEL CELL
JP2011216244 A 20111027	KURARAY CO [JP]	JP20100081463 20100331	H01M8/02; C08F297/04; C08J5/22; H01B1/06; H01M8/10	POLYMER ELECTROLYTE, POLYMER ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL

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WO2011145588 A1 20111124	KURARAY CO [JP]; ONO TOMOHIRO [JP]; YAMASHITA TAKETOMO [JP]; TOSHINARI KENTA [JP]; NAKANO TAKESHI [JP]; SHIMIZU KAZUYA [JP]; KUBO KEIJI [JP]; SUGOH NOZOMU [JP]	JP20100117507 20100521	H01B1/06; C08F8/40; C08J5/18; H01M8/10	POLYMER ELECTROLYTE AND POLYMER ELECTROLYTE FILM COMPRISING SAME
WO2011122498 A1 20111006	KURARAY CO [JP]; ONO TOMOHIRO [JP]; YAMASHITA TAKETOMO [JP]; TOSHINARI KENTA [JP]; SHIMIZU KAZUYA [JP]; KUBO KEIJI [JP]; SUGOH NOZOMU [JP]	JP20100074348 20100329	H01M8/02; C08F8/04; C08F8/36; C08F297/00; C08J5/18; H01B1/06; H01M8/10	POLYELECTROLYTE, POLYELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
AT534154T T 20111215	KURARAY CO LTD KURASHIKI PLANT [JP]	JP20040367573 20041220; WO2005JP23840 20051220	H01M4/86; H01M8/02; H01M8/10	IONENLEITFÄHIGER BINDER, MEMBRAN-ELEKTRODEN- BAUGRUPPE UND BRENNSTOFFZELLE
JP2011210503 A 20111020	KURIEITEITSUKU JAPAN KK	JP20100076510 20100330	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE CONJUGANT AND DIRECT ALCOHOL FUEL CELL USING THE SAME
KR20110125498 A 20111121	KWANDONG UNIVERSITY INDUSTRY FOUNDATION [KR]	KR20100045063 20100513	H01M8/16; H01M8/02	MICROBIAL FUEL CELLS
JP2011233334 A 20111117	KYOCERA CORP [JP]; TOKYO GAS CO LTD	JP20100102011 20100427	H01M8/24; H01M8/02; H01M8/12	HORIZONTAL-STRIPED SOLID OXIDE FUEL CELL STACK AND FUEL CELL
JP2011249242 A 20111208	KYOCERA CORP [JP]; TOKYO GAS CO LTD	JP20100123414 20100528	H01M8/02; H01M8/12; H01M8/24	HORIZONTALLY STRIPED SOLID OXIDE TYPE FUEL BATTERY CELL STACK, HORIZONTALLY STRIPED SOLID OXIDE TYPE FUEL BATTERY BUNDLE AND FUEL BATTERY

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JP2011165613 A 20110825	KYOCERA CORP [JP];; TOKYO GAS CO LTD	JP20100030229 20100215	H01M8/24; H01M8/04; H01M8/12	HORIZONTAL STRIPE TYPE SOLID OXIDE FUEL CELL BUNDLE AND FUEL CELL
JP2011204392 A 20111013	KYOCERA CORP [JP];; TOKYO GAS CO LTD	JP20100068611 20100324	H01M8/24; H01M8/12	HORIZONTAL STRIPE TYPE SOLID-OXIDE FUEL CELL BUNDLE AND FUEL CELL
JP2011134538 A 20110707	KYOCERA CORP [JP]	JP20090291907 20091224	H01M8/02; H01M8/12; H01M8/24	CELL STACK, AND FUEL CELL MODULE AND FUEL CELL DEVICE EQUIPPED THEREWITH
JP2011134542 A 20110707	KYOCERA CORP [JP]	JP20090292038 20091224	H01M8/24	CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011134543 A 20110707	KYOCERA CORP [JP]	JP20090292043 20091224	H01M8/04; H01M8/06; H01M8/12; H01M8/24	FUEL CELL MODULE AND FUEL CELL DEVICE
JP2011146397 A 20110728	KYOCERA CORP [JP]	JP20110055615 20110314	H01M8/06; H01M8/04; H01M8/12	GENERATOR
JP2011150994 A 20110804	KYOCERA CORP [JP]	JP20090292042 20091224; JP20100170739 20100729	H01M8/24; H01M8/04	CELL STACK DEVICE, FUEL-CELL MODULE, AND FUEL-CELL DEVICE
JP2011154806 A 20110811	KYOCERA CORP [JP]	JP20100014073 20100126	H01M8/02; H01M8/12; H01M8/24	FUEL BATTERY CELL, CELL STACK DEVICE, FUEL BATTERY MODULE, AND FUEL BATTERY DEVICE
JP2011154874 A 20110811	KYOCERA CORP [JP]	JP20100015430 20100127	H01M8/24; H01M8/02; H01M8/04; H01M8/12	CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011154935 A 20110811	KYOCERA CORP [JP]	JP20100016481 20100128	H01M8/02; H01M8/12	CELL STACK OF HORIZONTALLY STRIPED SOLID OXIDE FUEL BATTERY AND FUEL BATTERY
JP2011175851 A 20110908	KYOCERA CORP [JP]	JP20100038937 20100224	H01M8/04; H01M8/24	FUEL CELL DEVICE

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JP2011175852 A 20110908	KYOCERA CORP [JP]	JP20100038938 20100224	H01M8/04; H01M8/06; H01M8/24	FUEL CELL DEVICE
JP2011175853 A 20110908	KYOCERA CORP [JP]	JP20100038939 20100224	H01M8/24; H01M8/04; H01M8/06; H01M8/12	FUEL BATTERY MODULE
JP2011175854 A 20110908	KYOCERA CORP [JP]	JP20100038940 20100224	H01M8/02; H01M8/24	CELL STACK UNIT, FUEL BATTERY MODULE, AND FUEL BATTERY DEVICE
JP2011175855 A 20110908	KYOCERA CORP [JP]	JP20100038942 20100224	H01M8/04; H01M8/24	FUEL CELL MODULE AND FUEL CELL DEVICE
JP2011175906 A 20110908	KYOCERA CORP [JP]	JP20100039971 20100225	H01M8/02; C04B35/50; H01B1/08; H01M4/86; H01M8/12; H01M8/24	CELL STACK, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011175968 A 20110908	KYOCERA CORP [JP]	JP20100014076 20100126; JP20110014306 20110126	H01M8/02; H01M8/12	FUEL BATTERY CELL, CELL STACK DEVICE USING THE SAME, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011181262 A 20110915	KYOCERA CORP [JP]	JP20100042860 20100226	H01M8/02; C23C24/04; H01M8/12	SOLID-OXIDE FUEL CELL
JP2011198768 A 20111006	KYOCERA CORP [JP]	JP20110130344 20110610	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
JP2011204619 A 20111013	KYOCERA CORP [JP]	JP20100073204 20100326	H01M8/04; H01M8/00; H04M1/02	FUEL SUPPLY UNIT FOR PORTABLE ELECTRONIC EQUIPMENT AND FUEL CARTRIDGE FOR PORTABLE ELECTRONIC EQUIPMENT
JP2011210374 A 20111020	KYOCERA CORP [JP]	JP20100073784 20100326	H01M8/04	PORTABLE TERMINAL DEVICE AND PORTABLE TERMINAL UNIT



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JP2011210411 A 20111020	KYOCERA CORP [JP]	JP20100074579 20100329	H01M8/02; H01M8/24	CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011233342 A 20111117	KYOCERA CORP [JP]	JP20100102122 20100427	H01M8/24	CELL STACK DEVICE
JP2011238629 A 20111124	KYOCERA CORP [JP]	JP20110184915 20110826	H01M8/02; H01M8/24	FUEL BATTERY CELL, AND CELL STACK DEVICE, FUEL CELL MODULE AND FUEL CELL DEVICE WHICH USE THE FUEL BATTERY CELL
JP2011249160 A 20111208	KYOCERA CORP [JP]	JP20100121711 20100527	H01M8/04; H01M8/06	FUEL BATTERY MODULE AND FUEL BATTERY DEVICE
JP2011258378 A 20111222	KYOCERA CORP [JP]	JP20100131112 20100608	H01M8/04; H01M8/06; H01M8/12	CELL STACK APPARATUS, FUEL BATTERY MODULE AND FUEL BATTERY DEVICE
WO2011105578 A1 20110901	KYOCERA CORP [JP]; FUJIMOTO TETSUROU [JP]; HIGASHI MASAHIKO [JP]	JP20100039957 20100225	C23C26/00; H01M8/02; H01M8/12; H01M8/24	COMPOSITE BODY, COLLECTOR MEMBER, GAS TANK, AND FUEL CELL DEVICE
WO2011093328 A1 20110804	KYOCERA CORP [JP]; HORI YUUCHI [JP]; FUJIMOTO TETSUROU [JP]; KAWAKAMI MASASHI [JP]	JP20100014071 20100126	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL BATTERY CELL, FUEL BATTERY CELL DEVICE, FUEL BATTERY MODULE, AND FUEL BATTERY DEVICE
WO2011105485 A1 20110901	KYOCERA CORP [JP]; NAKAJIMA MASAYOSHI [JP]; KOYAMA AKIRA [JP]; HAYAKAWA TAKANOBU [JP]; SHINODA YOSHIYUKI [JP]	JP20100038509 20100224	H01M8/04; H01M8/00	ELECTRONIC APPARATUS
WO2011155669 A1 20111215	KYUNGPOOK NAT UNIV IND ACAD [KR]; LEE HYE JIN [KR]; SIM HYE RIM [KR]	KR20100055051 20100610	G01N21/27; B32B15/08; G01N9/24; H01M8/04	SPR SENSOR FOR FUEL MEASUREMENT OF A FUEL CELL HAVING A MODIFIED METAL THIN FILM SURFACE, AND MANUFACTURING METHOD THEREFOR

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US8076034 B1 20111213	L LIVERMORE NAT SECURITY LLC [US]	US20080233388 20080918; US20070994757P 20070920	H01M8/00; B01J2/00; B01J20/00; B01J20/02; B01J20/22; B01J29/04; C01B3/02; C01B31/08	Confinement of hydrogen at high pressure in carbon nanotubes
US2011200912 A1 20110818	LANGRY KEVIN C [US]; FARMER JOSEPH C [US]	US20100706626 20100216	H01M8/10	FUEL CELL COMPONENTS AND SYSTEMS HAVING CARBON-CONTAINING ELECTRICALLY-CONDUCTIVE HOLLOW FIBERS
US2011305968 A1 20111215	LEE JIN-HWA [KR]; LEE CHI-SEUNG [KR]; AN SEONG-JIN [KR]; HAN SANG-II [KR]; SONG KAH-YOUNG [KR]	KR20100055628 20100611	H01M8/24	FUEL CELL STACK
US2011305965 A1 20111215	LEE JIN-HWA [KR]; LEE CHI-SEUNG [KR]; AN SEONG-JIN [KR]; HAN SANG-IL [KR]; SONG KAH-YOUNG [KR]	KR20100054974 20100610	H01M8/04; H01M8/24	Stack for fuel cell system
PT105689 A 20110919	LEGUA SILVIO SALES DOMINGOS [PT]	PT20090105689 20090413	B01J7/02	M?QUINA GERADORA ELECTROQU?MICA MAR?TIMA E INDUSTRIAL COM SISTEMA DE C?LULAS A COMBUST?VEL DE ELECTR?LITO MISTO E C?MARA INTERNA EM V?CUO.
KR20110105497 A 20110927	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100024667 20100319	H01M8/02; B60L11/18	ELECTRIC VEHICLE FUEL CELL DUALITY SYSTEM
KR20110124468 A 20111117	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100043852 20100511	H01M12/06; B65D83/04; H01M8/04	ZINC-BALL SUPPLYING APPARATUS

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KR20110124469 A 20111117	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100043853 20100511	H01M12/06; B65D83/04; H01M8/04	ZINC-BALL SUPPLYING APPARATUS
KR20110124470 A 20111117	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100043854 20100511	H01M12/06; B65D83/04; H01M8/04	ZINC-BALL SUPPLYING APPARATUS
KR20110133985 A 20111214	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100053712 20100608	H01M12/06; B65D83/04; H01M8/04	ZINC-BALL SUPPLYING APPARATUS
KR20110133986 A 20111214	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100053713 20100608	H01M12/06; H01M8/04	ZINC-AIR FUEL CELL ASSEMBLY HAVING ZINC OXIDE SECESSION MEANS
KR20110133987 A 20111214	LEOMOTORS INC [KR]; LEE JUNG YONG [KR]	KR20100053714 20100608	H01M12/06; H01M8/02	ZINC-AIR FUEL CELL ASSEMBLY OF RADIAL SHAPE STACK STRUCTUE
WO2011110339 A1 20110915	LEONARDIS STIFTUNG [DE]; RENNEBECK KLAUS [DE]; HILDENBRAND BERND [DE]	DE201010010751 20100309	H01M4/76; H01M4/74; H01M4/96; H01M8/00	TUBULAR ELECTRODE
US2011236776 A1 20110929	LEONIDA ANDREI [US]	US201113154886 20110607; US20100869167 20100826; US20060588200 20061026; US20050731054P 20051028	H01M8/06	FUEL CELL SYSTEM SUITABLE FOR ORGANIC FUELS AND A METHOD OF OPERATION OF THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2393143 A1 20111207	LG CHEMICAL LTD [KR]	EP20050789651 20050329; KR20040021176 20040329; KR20040031683 20040506	H01M2/14; H01M2/16; H01M6/46; H01M8/02; H01M10/04; H01M10/05; H01M10/0525; H01M10/0585; H01M10/0587	Electrochemical cell with two types of separators
KR20110100120 A 20110909	LG CHEMICAL LTD [KR]	RU20100107927 20100303	H01M8/10; C08J5/22; C08L27/12; C08L79/02	POLYMER MEMBRANES FOR FUEL CELLS, BASED ON INTERPOLYELECTROLYTE COMPLEXES OF POLYANILINE AND NAFION OR IT'S ANALOGUES
KR20110114790 A 20111020	LG CHEMICAL LTD [KR]	KR20100034115 20100414	H01M8/02; C08J7/04; H01M8/10	HYDROCARBON BASED POLYELECTROLYTE SEPARATION MEMBRANE SURFACE-TREATED WITH FLUORINATED IONOMER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
KR20110122915 A 20111114	LG CHEMICAL LTD [KR]	KR20100042249 20100506	H01M4/88; B01J23/40; H01M4/92; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY USING CATALYST LAYER FORMING POWDER, PROCESS FOR PREPARING THE SAME, AND FUEL CELL COMPRISING THE SAME
US2011189577 A1 20110804	LG CHEMICAL LTD [KR]	KR20090111345 20091118; KR20100114601 20101117; WO2010KR08148 20101118	H01M8/24; B32B37/02; B32B37/06; B32B37/12; B32B37/26; B32B38/10; F27D19/00; H01M4/04; H01M8/00; H01M8/04	BIPOLAR ELECTRODE/SEPARATOR ASSEMBLY, BIPOLAR BATTERY COMPRISING THE SAME AND METHOD OF MANUFACTURING THE SAME

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US2011200907 A1 20110818	LG CHEMICAL LTD [KR]	KR20080049822 20080528; WO2009KR02829 20090528	H01M8/24; H01M8/10	ION CONDUCTIVE RESIN FIBER, ION CONDUCTIVE HYBRID MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
WO2011088881 A1 20110728	LI TEC BATTERY GMBH [DE]; SCHAEFER TIM [DE]; HOHENTHANNER CLAUS-RUPERT [DE]	DE201010005017 20100119	H01M2/10; H01G9/00; H01M2/20; H01M8/24; H01R11/28	ELECTRICAL ENERGY UNIT AND SPACER
WO2011092039 A1 20110804	LI TEC BATTERY GMBH [DE]; SCHAER TIM [DE]; HOHENTHANNER CLAUS-RUPERT [DE]; GUTSCH ANDREAS [DE]; LACHENMEIER WALTER [DE]	DE201010006390 20100201	H01M2/10; H01G9/00; H01M2/20; H01M8/24; H01R11/28	STACKED ELECTRIC ENERGY UNIT
DE102010008917 A1 20110825	LIEBHERR WERK BIBERACH [DE]	DE201010008917 20100223	H02J1/00; H01M8/00; H02J15/00; H02P3/22	Antriebssystem und Arbeitsmaschine
WO2011120706 A1 20111006	LINDE AG [DE]; WINKLER HUBERTUS [DE]; MAAS HANS- JUERGEN [DE]; WASSERSCHIED PETER [DE]; MOSTERTZ MATHIAS [DE]; BASF SE [DE]	DE201010013660 20100401	H01M8/06; C01B3/34; C01C1/00; C07C1/00; C07C1/12; C25B1/04; H01M8/00; H01M8/04	METHOD AND DEVICE FOR STORING ENERGY

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WO2011133982 A1 20111027	LIOX POWER INC [US]; CHASE GREGORY V [US]; ZECEVIC STRAHINJA [US]; WALKER WESLEY [US]; UDDIN JASIM [US]; SASAKI KENJI A [US]; GIORDANI VINCENT [US]; BRYANTSEV VYACHESLAV [US]; BLANCO MARIO [US]; ADDISON DAN D [US]	US20100392014P 20101011; US20100327304P 20100423	H01M8/02	SOLUBLE OXYGEN EVOLVING CATALYSTS FOR RECHARGEABLE METAL-AIR BATTERIES
CN102195060 A 20110921	LIQUAN WANG	CN20101122118 20100311	H01M8/24; H01M2/16; H01M8/02; H01M8/10	Method for preparing novel proton exchange membrane fuel cell
US2011189586 A1 20110804	LIU YOU MIN [US]; CAI ZHIWEI [US]	US20100658159 20100204	H01M8/10	Nanometer and sub-micron laminar structure of LaxSryMnOz for solid oxide fuel cells application
US2011275008 A1 20111110	LOS ALAMOS NAT SECURITY LLC [US]	US201113186214 20110719; US20100878844 20100909; US20090242247P 20090914	H01M8/10; B01J41/14; C08F14/18; C08J5/22	ANION EXCHANGE POLYMER ELECTROLYTES
KR20110104731 A 20110923	LSIS CO LTD [KR]	KR20100023802 20100317	H01M8/06; C01B3/38	STEAM REFORMER
KR20110112609 A 20111013	LSIS CO LTD [KR]	KR20100031801 20100407	H01M8/04; H01M8/10	FUEL CELL SYSTEM
KR20110123561 A 20111115	LSIS CO LTD [KR]	KR20100043109 20100507	H01M8/02; H01M4/86; H01M8/10	STACK OF FUEL CELL
DE202011107337 U U1 20111208	LUDWIG GUENTER [DE]	DE201120107337U 20111027	H01M8/00	Solar-Brennstoffzellenenergien

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US2011177419 A1 20110721	LUOMA WARREN L [US]; ROCHE ROBERT P [US]; BREAU LT RICHARD D [US]; KANURI SRIDHAR V [US]; TENNETI KISHORE KUMAR [US]	US20110930633 20110111; US20100856732 20100816; US20070718336 20070501	H01M2/16; H01M8/00; H01M8/04	Fuel cell separator plate
KR101054837B B1 20110805	M & AMP S SYSTEM CO LTD [KR]	KR20110028078 20110329	H01M8/04; B60L11/18; F04F5/00; H01M8/10	EJECTOR FOR HYDROGEN FUELED CAR
US2011229777 A1 20110922	MAK WAI FATT [SG]; WANG TING [SG]; PHONTHAMMACHAI NOPPHAWAN [SG]; SRINIVASAN MADHAVI [SG]; MHAISALKA SUBODH [SG]; BOEY YIN CHIANG FREDDY [SG]	US200913062910 20090907; US20080095085P 20080908; WO2009SG00319 20090907	H01M12/06; H01G9/042; H01G9/155; H01M4/86; H01M4/88; H01M8/10; H01M8/14; H01M8/22	ELECTRODE MATERIALS FOR METAL-AIR BATTERIES, FUEL CELLS AND SUPERCAPACITATORS
JP2011140094 A 20110721	MAKITA CORP [JP]	JP20100002050 20100107	B25F5/00; H01M8/00; H01M8/04; H01M8/06	POWER TOOL
WO2011118438 A1 20110929	MAKITA CORP [JP]; UMEMURA TAKUYA [JP]; KOBAYAKAWA TADAHIKO [JP]; HAYASHI HIDEKAZU [JP]; TAGA HIDEYUKI [JP]; SUZUKI HITOSHI [JP]	JP20100066674 20100323	B25F5/00; H01M8/00; H01M8/04; H01M8/10	ELECTRIC TOOL
WO2011159994 A2 20111222	MASSACHUSETTS INST TECHNOLOGY [US]; KO SUNG HEE [KR]; KIM SUNG JAE [US]; HAN JONGYOON [US]; GAN HIONG YAP [SG]	US20100355703P 20100617	H01M8/10	METHOD FOR ENHANCING CURRENT THROUGHPUT IN AN ELECTROCHEMICAL SYSTEM

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WO2011127384 A1 20111013	MASSACHUSETTS INST OF TECHNOLOGY [US]; CHIANG YET-MING [US]; CARTER W CRAIG [US]; DUDUTA MIHAI [US]; HO BRYAN Y [US]	US20100322599P 20100409; US20100374934P 20100818; US20100424033P 20101216	H01M8/18; H01M8/22; H01M10/052	ENERGY TRANSFER USING ELECTROCHEMICALLY ISOLATED FLUIDS
US2011200899 A1 20110818	MATA MARIANNE [US]; ATREYA SHAIKESH [US]	US20100706250 20100216	H01M8/24; C25B9/18; H01M4/82	Modularized Electrochemical Cell System
AT534607T T 20111215	MAX PLANCK GESELLSCHAFT [DE]	DE20001047625 20000926; WO2001EP11159 20010926	C01B13/14; B01D67/00; B01D69/02; B01D71/02; C01B9/00; C01B13/02; C01B17/20; C01G23/00; C09K5/16; H01B1/08; H01B3/12; H01M4/02	STÖCHIOMETRIEÄNDERUNG EINES IONISCH AUFGEBAUTEN FESTSTOFFES
JP2011154028 A 20110811	MAXIM INTEGRATED PRODUCTS	US20100298347P 20100126; US201113012140 20110124	G01R27/02; B60L3/00; H01M10/48	ISOLATION MONITORING SYSTEM AND METHOD UTILIZING VARIABLE EMULATED INDUCTANCE
JP2011159585 A 20110818	MAZDA MOTOR	JP20100022358 20100203	H01M8/04; H01M8/00; H01M8/06; H01M8/12	FUEL CELL SYSTEM



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JP2011165498 A 20110825	MAZDA MOTOR	JP20100027435 20100210	H01M8/04; H01M8/00; H01M8/06; H01M8/12	FUEL CELL SYSTEM
JP2011171217 A 20110901	MAZDA MOTOR	JP20100035791 20100222	H01M8/04; H01M8/00; H01M8/06; H01M8/12	FUEL CELL SYSTEM
WO2011100722 A2 20110818	MCALISTER ROY EWARD [US]	US20100304403P 20100213; US20100857228 20100816	C01B3/24; B01J19/24; C01B31/02; F02M21/02; H01M8/06	INDUCTION FOR THERMOCHEMICAL PROCESSES, AND ASSOCIATED SYSTEMS AND METHODS

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US2011200897 A1 20110818	MCALISTER TECHNOLOGIES LLC [US]	US201113027235 20110214; US20100857553 20100816; US20100707651 20100217; WO2010US24497 20100217; US20100707653 20100217; WO2010US24498 20100217; US20100707656 20100217; WO2010US24499 20100217; US20100857541 20100816; US20100857554 20100816; US20100857502	H01M8/06; B01D53/22; C01B5/00	DELIVERY SYSTEMS WITH IN-LINE SELECTIVE EXTRACTION DEVICES AND ASSOCIATED METHODS OF OPERATION

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US2011207008 A1 20110825	MCALISTER TECHNOLOGIES LLC [US]	US201113027215 20110214; US20100857228 20100816; US20100707651 20100217; WO2010US24497 20100217; US20100707653 20100217; WO2010US24498 20100217; US20100707656 20100217; WO2010US24499 20100217; US20100304403P 20100213; US20090153253P 20090217; US2009023747	H01M8/06; C30B25/10; H05B6/02	INDUCTION FOR THERMOCHEMICAL PROCESSES, AND ASSOCIATED SYSTEMS AND METHODS
US2011212372 A1 20110901	MCELROY RICHARD [CA]	US201113064950 20110428; US20070892442 20070823	H01M8/04; H01M8/06	Motion fuel cell

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US2011223521 A1 20110915	MCGRATH JAMES E [US]; HICKNER MICHAEL [US]; WANG FENG [US]; KIM YU-SEUNG [US]	US20100845874 20100729; US20080035087 20080221; US20010956256 20010920; US20010311350P 20010813; US20010311360P 20010813; US20000234177P 20000920	H01M8/10; B01D69/14; B01D71/64; B01D71/68; B01D71/82; C08G73/10; C08G75/23; C08J5/22	ION-Conducting Sulfonated Polymeric Materials
KR20110096995 A 20110831	MEET CO LTD [KR]	KR20100016601 20100224	H01M10/44; H01M8/04; H02J7/00	A HYBRID BATTERY SYSTEM WITH THE SERIAL-PARALLEL CONVERTIBLE CIRCUIT
KR20110109141 A 20111006	MEET CO LTD [KR]	KR20100028733 20100330	H01M12/06; H01M8/04	CARTRIDGE SEPERATE TYPE METAL-AIR BATTERY
FR2961756 A1 20111230	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	FR20100055215 20100629	B60L11/18; B60S5/02; C25B1/26; H01M2/36; H01M8/06	SYSTEME DE PRODUCTION ET D'ALIMENTATION EN HYDROGENE ET EN CHLORATE DE SODIUM, COMPORTANT UN ELECTROLYSEUR AU CHLORURE DE SODIUM POUR PRODUIRE LE CHLORATE DE SODIUM
FR2961959 A1 20111230	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	FR20100055212 20100629	H01M8/06; B60L11/18; H01M8/04	VEHICULE A MOTORISATION ELECTRIQUE ET A PILE A COMBUSTIBLE, COMPORTANT UN REACTEUR DE DECOMPOSITION DE CHLORATE DE SODIUM POUR ALIMENTER LA PILE EN OXYGENE
US2011217624 A1 20110908	MICROVAST INC [US]	US201113039282 20110302; US20100309495P 20100302	H01M8/22; H01M8/04	FUEL AND OXIDANT STORAGE DEVICE AND FUEL CELL SYSTEM EMPLOYING THE SAME

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CN102208655 A 20111005	MINGXING XIAO	CN20111097524 20080213	H01M4/86; H01M8/02	Silk structural membrane electrode assembly
CN102208670 A 20111005	MINGXING XIAO	CN20111097510 20080213	H01M8/10; H01M4/86	Textile-structure fuel cell
JP2011131170 A 20110707	MITSUBISHI CHEM CORP; UNIV TOKYO	JP20090293304 20091224	B01J35/02; B01J27/24; C01B3/04; H01M8/06	ELECTRODE FOR PHOTOLYTIC WATER DECOMPOSITION REACTION USING PHOTOCATALYST
JP2011213553 A 20111027	MITSUBISHI CHEM CORP; UNIV TOKYO	JP20100083880 20100331	C01B3/04; B01J35/02; C25B9/00; H01M8/06	APPARATUS FOR PRODUCING HYDROGEN
JP2011157842 A 20110818	MITSUBISHI ELECTRIC CORP	JP20100018610 20100129	F02M27/02; C01B3/32; H01M8/04; H01M8/06	STARTER FOR FUEL REFORMER, AND METHOD FOR CONTROLLING THE SAME
JP2011175772 A 20110908	MITSUBISHI ELECTRIC CORP	JP20100037518 20100223	H01M4/86; H01M4/88; H01M4/96; H01M8/10	CATALYST FOR POLYMER ELECTROLYTE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011181374 A 20110915	MITSUBISHI ELECTRIC CORP	JP20100045207 20100302	H01M4/86; H01M4/96; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL AND SOLID POLYMER FUEL CELL
JP2011222438 A 20111104	MITSUBISHI ELECTRIC CORP	JP20100093023 20100414	H01M8/02; H01M4/86; H01M4/88; H01M4/92; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE/CATALYST METAL COMPOSITE ELECTRODE, AND METHOD OF MANUFACTURING THE SAME
JP2011138630 A 20110714	MITSUBISHI HEAVY IND LTD	JP20090296153 20091225	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM

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JP2011138665 A 20110714	MITSUBISHI HEAVY IND LTD	JP20090297207 20091228	H01M8/02; H01M8/10; H01M8/24	SOLID POLYMER FUEL CELL
JP2011161402 A 20110825	MITSUBISHI HEAVY IND LTD	JP20100029134 20100212	B01D53/22; B01D71/02	HYDROGEN SEPARATION MEMBRANE MODULE AND METHOD FOR MANUFACTURING THE SAME
JP2011165588 A 20110825	MITSUBISHI HEAVY IND LTD	JP20100029682 20100215	H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL POWER GENERATION SYSTEM
JP2011175738 A 20110908	MITSUBISHI HEAVY IND LTD	JP20100036776 20100223	H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL USING THE SAME
JP2011181291 A 20110915	MITSUBISHI HEAVY IND LTD	JP20100043522 20100226	H01M8/24; H01M4/86; H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2011181412 A 20110915	MITSUBISHI HEAVY IND LTD	JP20100045906 20100302	H01M8/02; H01M8/12	FUEL CELL
JP2011233283 A 20111117	MITSUBISHI HEAVY IND LTD	JP20100100721 20100426	H01M4/90	ELECTRODE CATALYST FOR FUEL CELL
JP2011210440 A 20111020	MITSUBISHI HEAVY IND LTD; CHUBU ELECTRIC POWER	JP20100075165 20100329	H01M8/24; H01M8/12	FUEL CELL
JP2011210623 A 20111020	MITSUBISHI HEAVY IND LTD; CHUBU ELECTRIC POWER	JP20100078677 20100330	H01M4/86; H01M8/12	POWER GENERATION FILM FOR SOLID ELECTROLYTE FUEL CELL, AND SOLID ELECTROLYTE FUEL CELL HAVING THE SAME
JP2011210624 A 20111020	MITSUBISHI HEAVY IND LTD; CHUBU ELECTRIC POWER	JP20100078678 20100330	H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2011192460 A 20110929	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100056076 20100312	H01M8/02; H01M8/12	POWER GENERATION CELL UNIT OF SOLID OXIDE FUEL CELL AND ITS MANUFACTURING METHOD

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JP2011192461 A 20110929	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100056077 20100312	H01M8/04; H01M4/86; H01M8/02; H01M8/12; H01M8/24	OPERATION METHOD OF SOLID OXIDE FUEL CELL
JP2011192462 A 20110929	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100056079 20100312	H01M8/24; H01M8/12	FUEL CELL MODULE
JP2011210567 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077661 20100330	H01M8/04; H01M8/00; H01M8/12	SOLID OXIDE FUEL BATTERY POWER GENERATION APPARATUS, AND OPERATION STOP METHOD THEREOF
JP2011210587 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077947 20100330	H01M8/04; H01M8/06	FUEL BATTERY POWER GENERATING APPARATUS, AND CONTROL METHOD THEREOF
JP2011157248 A 20110818	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100022428 20100203	C01G53/00; H01M4/86; H01M4/88	NICKEL-BASED ALLOY POWDER AND PRODUCTION PROCESS THEREFOR
JP2011159443 A 20110818	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100018638 20100129	H01M8/06; H01M8/04; H01M8/12	FUEL-CELL MODULE
JP2011159588 A 20110818	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100022426 20100203	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2011159589 A 20110818	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100022427 20100203	H01M4/86; H01M8/12	FUEL ELECTRODE MATERIAL FOR SOLID OXIDE FUEL CELL, FUEL ELECTRODE, AND POWER GENERATION CELL
JP2011192463 A 20110929	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100056080 20100312	H01M8/04; H01M8/06	FUEL CELL MODULE
JP2011204600 A 20111013	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100073046 20100326	H01M8/04; H01M8/00; H01M8/12	FUEL CELL SYSTEM

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JP2011204601 A 20111013	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100073047 20100326	H01M8/24; H01M8/02; H01M8/12	FLAT PLATE LAMINATION TYPE FUEL CELL
JP2011204602 A 20111013	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100073048 20100326	H01M8/02; H01M8/12; H01M8/24	FLAT PLATE LAMINATION TYPE FUEL CELL
JP2011207683 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077665 20100330	C01B3/38; H01M8/04; H01M8/06	APPARATUS AND METHOD FOR PERFORMANCE ASSESSMENT OF POROUS STEAM REFORMER
JP2011210566 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077660 20100330	H01M4/86; H01M4/88; H01M8/02; H01M8/12	POWER GENERATION CELL FOR SOLID OXIDE FUEL BATTERY, AND METHOD FOR MANUFACTURING THE SAME
JP2011210568 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077662 20100330	H01M8/02; H01M8/12	FUEL ELECTRODE COLLECTOR UNIT OF SOLID OXIDE FUEL BATTERY
JP2011210569 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077663 20100330	H01M8/06; H01M8/12; H01M8/24	FUEL CELL MODULE
JP2011210570 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077664 20100330	H01M8/04	FUEL CELL MODULE
JP2011210571 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077667 20100330	H01M8/04; H01M8/12	OPERATION CONTROL METHOD FOR FUEL BATTERY SYSTEM
JP2011210586 A 20111020	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100077946 20100330	H01M8/04; H01M8/06	FUEL BATTERY POWER GENERATING APPARATUS, CONTROL PROGRAM, AND CONTROL METHOD
JP2011216277 A 20111027	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO	JP20100082468 20100331	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL



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AT523913T T 20110915	MITSUBISHI MATERIALS CORP [JP]; KANSAI ELECTRIC POWER CO [JP]	JP20050350414 20051205; WO2006JP24177 20061204	H01M8/06; H01M8/04; H01M8/12; H01M8/24	BRENNSTOFFZELLE
JP2011230433 A 20111117	MITSUBISHI PLASTICS INC	JP20100104627 20100429	B32B27/36; B32B27/00	RELEASE POLYESTER FILM
JP2011233444 A 20111117	MITSUBISHI PLASTICS INC	JP20100104635 20100429	H01M8/02; B32B27/00; B32B27/36; H01M8/12	DOUBLE SIDE RELEASE FILM FOR FUEL CELL
JP2011165464 A 20110825	MITSUBISHI RAYON CO	JP20100026366 20100209	H01M8/02; H01M4/90; H01M8/10; H01M8/16	FUEL CELL
JP2011212599 A 20111027	ITSUI SHIPBUILDING ENG; NAT INST OF ADVANCED IND SCIEN; OBIHIRO UNIV OF AGRICULTURE & VETERINARY MEDICINE	JP20100083552 20100331	C02F11/04; C02F11/02; H01M8/16	HEAT EXCHANGER HAVING BATTERY FUNCTION, AND METHANE FERMENTATION TREATMENT SYSTEM USING THE SAME
US2011259815 A1 20111027	MONTEMAGNO CARLO D [US]	US200913123208 20091006; US20080103281P 20081007; WO2009DK00216 20091006	B01D71/80; D02G3/00; H01M8/16	Biomimetic Membrane Formed from a Vesicle- Thread Conjugate
JP2011181236 A 20110915	MORI YUKINOBU	JP20100042169 20100226	H01M8/06; C01B3/08; H01M4/96; H01M8/02	FUEL CELL, CELL OF FUEL CELL, AND FUEL CELL POWER GENERATION SYSTEM
KR20110079938 A 20110712	MOTONIC CORP [KR]	KR20100000039 20100104	H01M8/04; F02D9/10; F16K1/18	AIR SHUT OFF VALVE APPARATUS FOR FUEL CELL VEHICLE

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KR20110098292 A 20110901	MOTONIC CORP [KR]	KR20100017844 20100226	H01M8/06; B60L11/18; G01R31/36; G05D7/00	APPARATUS AND METHOD OF REGULATOR CONTROL FOR FUEL CELL ELECTRIC VEHICLE
AT516608T T 20110715	MTU ONSITE ENERGY GMBH [DE]	DE20021047997 20021015; WO2003EP11284 20031011	H01M8/14	GRÜNE ELEKTROLYTMATRIX UND VERFAHREN ZUR HERSTELLUNG EINER ELEKTROLYTMATRIX
DE102010024803 A1 20111229	MTU ONSITE ENERGY GMBH [DE]	DE201010024803 20100623	H01M8/06	Arrangement for treatment and supply of cleaned gas for use as combustible gas for fuel cell, has downstream pre-reformer arranged in flow path of process gas filter system for removal of halogen compounds from process gas
WO2011082752 A1 20110714	MTU ONSITE ENERGY GMBH [DE]; PETERHANS STEFAN-IBRAHIM [DE]; TRENKLER ANTON [DE]	DE200910058226 20091214	H01M8/24	FUEL CELL ARRANGEMENT
DE102009059343 A1 20110707	MUHR & BENDER KG [DE]	DE200910059343 20091231	F16F1/32; H01M8/02	Spring element e.g. straight-running open end waveband, for use between parallel distance variable plates in construction of vehicle, has circular section provided with curvature sensing unit, where spring element includes wave periods
US2011207019 A1 20110825	MUKERJEE SANJEEV [US]	US200913119937 20090918; US20080192409P 20080918; WO2009US57518 20090918	H01M4/92; B01J21/18; B01J23/42; B05D1/38; B05D3/00; B05D5/00; H01M4/88; H01M8/10	PLATINUM ALLOY ELECTROCATALYST WITH ENHANCED RESISTANCE TO ANION POISONING FOR LOW AND MEDIUM TEMPERATURE FUEL CELLS

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JP2011208792 A 20111020	MURATA MANUFACTURING CO [JP]	JP20100079998 20100331	F16K31/165; F16K7/07; H01M8/04	VALVE DRIVEN BY PRESSURE DIFFERENCE AND FUEL CELL SYSTEM USING THE VALVE
JP2011247106 A 20111208	MURATA MANUFACTURING CO [JP]	JP20100118557 20100524	F04B9/00; F04B53/10; F16K15/14	PUMP
WO2011138915 A1 20111110	MURATA MANUFACTURING CO [JP]; TAKATA KAZUHIDE [JP]	JP20100107549 20100507	C04B35/47; H01M8/02; H01M8/12	HIGH-TEMPERATURE STRUCTURAL MATERIAL, STRUCTURAL BODY FOR SOLID ELECTROLYTE FUEL CELL, AND SOLID ELECTROLYTE FUEL CELL
WO2011159246 A1 20111222	MYFC AB [SE]; LUNDBLAD ANDERS [SE]; MASHOOF MAHSA [SE]; KARLSSON DANIEL [SE]; LINDBLOM MAGNUS [SE]; POULAIN RAPHAEL [FR]	SE20100050628 20100618	H01M8/04; F16K31/00; H01M2/12; H01M8/02; H01M8/10	ELECTROCHEMICALLY ACTUATED VALVE
KR101053170B B1 20110801	MYONGJI UNIV IND & ACAD COOP [KR]	KR20100017728 20100226	H01M8/02; H01M8/16	MICROBIAL FUEL CELL WITH LOOP CONFIGURATION CHARACTERIZED BY GRAPHITE GRANULE ELECTRODE UNIT AS AN ANODE AND GRAPHITE FELT ELECTRODE UNIT AS A CATHODE
KR20110098231 A 20110901	MYONGJI UNIV IND & ACAD COOP [KR]	KR20100017738 20100226	H01M8/16; C02F1/72	MICROBIAL FUEL CELL CHARACTERIZED BY THE INJECTION OF OZONE INSTEAD OF AIR ON CATHODIC CHAMBER FOR SUPPLYING OXYGEN TO CATHODIC CHAMBER
US2011177423 A1 20110721	NACHTMANN ANTON [DE]; TELLER OLIVER [US]; KILLER ANTON [DE]	US20100690988 20100121	H01M8/10	Five-Layer Membrane Electrode Assembly with Attached Border and Method of Making Same
WO2011132996 A2 20111027	NADA INNOVATION CO LTD [KR]; KANG MYUNG HO [KR]; KIM KI YOUNG [KR]; AHN BOUNG UK [KR]; KO WON [KR]	KR20100037127 20100422	H01M8/04; B29C45/56	FUEL CELL SEPARATOR MOLDING DEVICE, FUEL CELL SEPARATOR MOLDING PROCESS, AND FUEL CELL SEPARATOR MOLDED BY THE MOLDING PROCESS

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CN102142572 A 20110803	NAN YA PRINTED CIRCUIT BOARD [TW]	CN20101105511 20100128	H01M8/22; H01M4/86; H01M4/94	Direct methanol fuel cell structure and manufacturing method thereof
US2011318670 A1 20111229	NAN YA PRINTED CIRCUIT BOARD [TW]	TW20100121000 20100628	H01M8/10	FUEL CELL MEA (MEMBRANE ELECTRODE ASSEMBLY) WITH A BORDER PACKAGING STRUCTURE
JP2011150949 A 20110804	NANOMEMBRANE TECHNOLOGIES INC; UNIV HOKKAIDO	JP20100012660 20100123	H01M8/02; H01M8/12	MEMBRANE ELECTRODE ASSEMBLY, ITS MANUFACTURING METHOD, AND FUEL BATTERY CELL
AU2011211404 A1 20110901	NANOSYS INC [US]	AU20110211404 20110812	H01M4/86; H01M4/88; H01M4/92; H01M8/10	Nanowire structures comprising carbon
US2011275005 A1 20111110	NANOSYS INC [US]	US200913124790 20091022; US20080108301P 20081024; WO2009US61684 20091022	H01M8/10; B05D5/12; H01M4/92	Membrane Electrode Assemblies With Interfacial Layer
TW201126804 A 20110801	NAT CHANGHUA UNIVERSITY OF EDUCATION [TW]	TW20100101403 20100119	H01M8/16	Algae-based battery
JP2011225416 A 20111110	NAT INST FOR MATERIALS SCIENCE	JP20090125016 20090525; JP20100084753 20100401; JP20100118582 20100524	C01B3/08; B22F1/00; B22F1/02; B22F9/02	HYDROGEN GENERATING MATERIAL, METHOD FOR PRODUCING SAME, METHOD FOR PRODUCING HYDROGEN, AND APPARATUS FOR PRODUCING HYDROGEN
JP2011253626 A 20111215	NAT INST FOR MATERIALS SCIENCE; ASAHI GLASS CO LTD	JP20100124715 20100531	H01M4/86; H01M4/88; H01M4/90; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL AND MANUFACTURING METHOD THEREOF
JP2011253627 A 20111215	NAT INST FOR MATERIALS SCIENCE; ASAHI GLASS CO LTD	JP20100124716 20100531	H01M4/86; H01M4/88; H01M4/90	ELECTRODE CATALYST FOR FUEL CELL AND MANUFACTURING METHOD THEREOF

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JP2011228162 A 20111110	NAT INST OF ADV IND & TECHNOL	JP20100097835 20100421	H01M14/00; C01B3/02; H01M4/38; H01M4/58; H01M4/66; H01M8/00; H01M8/06; H01M8/10; H01M10/36; H01M10/38; H01M16/00	COMBINATION OF HYDROGEN PRODUCTION BY LITHIUM-WATER BATTERY AND FUEL CELL
JP2011258489 A 20111222	NAT INST OF ADV IND & TECHNOL	JP20100133618 20100611	H01M12/08; H01M4/90; H01M8/18; H01M10/54; H01M12/06	LITHIUM-AIR CELL COMPRISING POSITIVE ION EXCHANGE MEMBRANE BETWEEN SOLID ELECTROLYTE MEMBRANE AND ELECTROLYTIC SOLUTION FOR AIR ELECTRODE
JP2011200748 A 20111013	NAT INST OF ADVANCED IND SCIEN	JP20100067908 20100324	B01J31/22; H01M4/90	CATALYST FOR ELECTROCHEMICAL OXIDATION OF ALCOHOL
JP2011204523 A 20111013	NAT INST OF ADVANCED IND SCIEN	JP20100071760 20100326	H01M4/88; H01M4/86; H01M4/90	ELECTRODE CATALYST FOR FUEL CELL CATHODE EXCELLENT IN CARBON CORROSION RESISTANCE, AND METHOD OF MANUFACTURING THE SAME
JP2011204568 A 20111013	NAT INST OF ADVANCED IND SCIEN	JP20100072576 20100326	H01M8/02; B01J19/08; C25B1/02; H01M8/12; H01M8/24	FLAT TUBE TYPE ELECTROCHEMICAL CELL, ELECTROCHEMICAL MODULE, AND ELECTROCHEMICAL REACTION SYSTEM
JP2011245428 A 20111208	NAT INST OF ADVANCED IND SCIEN	JP20100121565 20100527	B01J23/89; C01B3/04; C22C5/04; C22C19/03; H01M8/06	CATALYST FOR HYDROGEN GENERATION, AND HYDROGEN GENERATION METHOD

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JP2011146395 A 20110728	NAT INST OF ADVANCED IND SCIEN; TAKASAGO THERMAL ENGINEERING; DAIKI ATAKA ENGINEERING CO LTD	JP20110048603 20110307	H01M8/04; C25B15/02; H01M8/10	OPERATION CONTROL METHOD OF REVERSIBLE CELL
TW201123598 A 20110701	NAT UNIV CHIN YI TECHNOLOGY [TW]	TW20090143271 20091217	H01M8/02; H01M8/04	Assembly structure for assembling collector plate or membrane electrode set of fuel cell device and its fuel cell device thereof.
TW201128837 A 20110816	NAT UNIV CHUNG HSING [TW]	TW20100104553 20100212	H01M2/16; H01M8/10	A self-humidified system of the PEMFC and a manufacturing methods of catalyst layer
KR20110104768 A 20110923	NAT UNIV GYEONGSANG IACF [KR]	KR20100023854 20100317	H01M8/02; H01M8/10; H01M8/16	FUEL CELL AND POWER SUPPLYING SYSTEM THEROF
WO2011115349 A1 20110922	NAT UNIV GYEONGSANG IACF [KR]; KIM KI-WON [KR]; NAM TAE-HYEON [KR]; AHN JOU-HYEON [KR]; AHN HYO-JUN [KR]; CHO GYU-BONG [KR]; NOH JUNG-PIL [KR]; KIM CHANG-JOON [KR]; ZHANG MEI-YU [KR]; CHUNG SE-KYO [KR]; KANG DONG-WOO [KR]; CHO KWON-KOO [KR]; RYU HO-SUK [K	KR20100109227 20101104; KR20100109222 20101104; KR20100107507 20101101; KR20100102361 20101020; KR20100023848 20100317	A61N1/378; A61N1/05; A61N1/372; A61N2/02; H01M8/16	TUBE-STRUCTURED BATTERY TO BE INSERTED INTO LIVING BODY
KR20110121011 A 20111107	NAT UNIV PUKYONG IND UNIV COOP [KR]	KR20100040404 20100430	C01B3/36; C01B3/38; H01M8/06	HYDROGEN PRODUCTION SYSTEM
EP2363193 A2 20110907	NAT UNIV TSINGHUA [TW]	TW20100106250 20100304	B01D53/32; B01D53/56; B01D53/86; B01D53/92; B01D53/94; H01M8/04; H01M8/06	Electrochemical-catalytic converter for exhaust emission control with power generation

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US2011223503 A1 20110915	NAT UNIV TSINGHUA [TW]	TW20100106702 20100309	H01M8/04; H01M8/06	ELECTRODE STRUCTURE CAPABLE OF SEPARATELY DELIVERING GAS AND FLUID AND PASSIVE FUEL CELL USING THE SAME
WO2011136119 A1 20111103	NAT UNIVERSITY CORP NAGOYA INST OF TECHNOLOGY [JP]; KASUGA TOSHIHIRO [JP]; KATO HIROKI [JP]	JP20100104778 20100430	H01B1/06; C01B25/37; H01M8/02; H01M8/10	PROTON CONDUCTOR
WO2011145150 A1 20111124	NAT UNIVERSITY CORP NIIGATA UNIVERSITY [JP]; HARADA SHUJI [JP]; ISHIDUKA TATSUYA [JP]; NAKAMURA TSUNEO [JP]	WO2010JP03445 20100521	G01N27/416; G01N27/406; H01M8/04	HYDROGEN GAS SENSOR
JP2011181283 A 20110915	NEC CORP	JP20100043343 20100226	H01M4/86; H01M12/06	OXYGEN ELECTRODE, AND FUEL CELL OR AIR CELL USING THE SAME
JP2011187201 A 20110922	NEC CORP	JP20100048731 20100305	H01M4/86; B01J29/035; B01J29/74; H01M8/00	CATALYST ELECTRODE, FUEL CELL, APPARATUS, AND METHOD OF MANUFACTURING CATALYST ELECTRODE
JP2011198467 A 20111006	NEC CORP	JP20100060252 20100317	H01M4/86; B01J23/42; B01J23/89; C22C14/00; C22C19/03; C22C19/07; C22C22/00; C22C27/02; C22C27/06; C22C28/00; C22C38/00; H01M8/00	CATALYST ELECTRODE, FUEL CELL, EQUIPMENT, AND MANUFACTURING METHOD OF CATALYST ELECTRODE

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JP2011194328 A 20111006	NEC CORP; NAT UNIV YOKOHAMA	JP20100064602 20100319	B01J23/20; B01J21/06; B01J23/22; B01J23/26; B01J23/28; B01J23/34; B01J23/648; B01J23/847; B01J37/08; H01M4/90	OXYGEN REDUCTION CATALYST
US2011198530 A1 20110818	NEW MEXICO TECHNICAL FOUNDATION [US]	US201113029013 20110216; US20100305883P 20100218	H01G9/022; H01M8/10	Method of Producing a Bismuth Vanadium Oxide Derivative of Bi <sub>4</sub> V <sub>2</sub> O <sub>11</sub> Using Molten Salt Synthesis, and Product Produced
AT534156T T 20111215	NGK INSULATORS LTD [JP]	JP20010278076 20010913; JP20010324603 20011023; JP20020172368 20020613; JP20020172673 20020613	H01M8/02; H01M2/10; H01M8/10; H01M8/12; H01M8/24	HALTETEIL FÜR ELEKTROCHEMISCHE ZELLE, HALTERUNGSVORRICHTUNG DAFÜR, ELEKTROCHEMISCHE VORRICHTUNG UND VERBINDUNGSTEIL FÜR ELEKTROCHEMISCHE ZELLEN
JP2011150959 A 20110804	NGK INSULATORS LTD [JP]	JP20100012842 20100125	H01M8/02; H01M8/12	CELL OF SOLID OXIDE FUEL CELL
JP2011165374 A 20110825	NGK INSULATORS LTD [JP]	JP20100024023 20100205	H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY CELL
JP2011165379 A 20110825	NGK INSULATORS LTD [JP]	JP20100024114 20100205	H01M8/02; H01M8/12	CELL OF SOLID OXIDE FUEL CELL
JP2011192635 A 20110929	NGK INSULATORS LTD [JP]	JP20100036266 20100222; JP20110001177 20110106	H01M8/02; H01M8/12	FUEL CELL
JP2011204505 A 20111013	NGK INSULATORS LTD [JP]	JP20100071316 20100326	H01M8/02; H01M8/12	FUEL BATTERY CELL
JP2011222487 A 20111104	NGK INSULATORS LTD [JP]	JP20100071314 20100326; JP20110001179 20110106	H01M8/02; H01M8/12	FUEL BATTERY CELL



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JP2011222488 A 20111104	NGK INSULATORS LTD [JP]	JP20100071317 20100326; JP20110001180 20110106	H01M8/02; H01M8/12	FUEL BATTERY CELL
US2011236789 A1 20110929	NGK INSULATORS LTD [JP]	JP20100070793 20100325; JP20110012852 20110125; JP20110050537 20110308; JP20110050538 20110308	H01M8/10; H01B1/08	ELECTRODE MATERIAL, FUEL CELL INCLUDING THE SAME, AND METHOD OF MANUFACTURING THE SAME
WO2011093168 A1 20110804	NGK INSULATORS LTD [JP]; KOBAYASHI AYANO [JP]; OHMORI MAKOTO [JP]	JP20100015716 20100127	H01M8/02; H01M4/86; H01M8/12	FUEL CELL
JP2011154821 A 20110811	NGK SPARK PLUG CO [JP]	JP20100014550 20100126	H01M8/24; H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL
JP2011210423 A 20111020	NGK SPARK PLUG CO [JP]	JP20100074906 20100329	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2011222152 A 20111104	NGK SPARK PLUG CO [JP]	JP20100086917 20100405	H01M8/04; H01M8/02; H01M8/24	FUEL CELL AND FUEL CELL STACK OR FUEL CELL UNIT
JP2011222158 A 20111104	NGK SPARK PLUG CO [JP]	JP20100087179 20100405	H01M8/04; H01M8/06; H01M8/12	AUXILIARY DEVICE FOR SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL SYSTEM
JP2011222159 A 20111104	NGK SPARK PLUG CO [JP]	JP20100087180 20100405	H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL SYSTEM
JP2011222220 A 20111104	NGK SPARK PLUG CO [JP]	JP20100088677 20100407	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL COMPLEX AND METHOD OF PRODUCING THE SAME
JP2011228171 A 20111110	NGK SPARK PLUG CO [JP]	JP20100097935 20100421	H01M8/04; H01M8/02; H01M8/06; H01M8/24	FUEL CELL

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JP2011237407 A 20111124	NGK SPARK PLUG CO [JP]	JP20100093976 20100415; JP20110036033 20110222	G01N27/18; G01N27/00; G01N27/26; H01M8/04	COMBUSTIBLE GAS DETECTOR AND CONTROL METHOD FOR COMBUSTIBLE GAS DETECTION ELEMENT
JP2011247519 A 20111208	NGK SPARK PLUG CO [JP]	JP20100122352 20100528	F24H1/00; H01M8/04	CONTROL DEVICE, FUEL CELL SYSTEM, CONTROL METHOD, AND METHOD FOR CONTROL OF FUEL CELL SYSTEM
JP2011249185 A 20111208	NGK SPARK PLUG CO [JP]	JP20100122353 20100528	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2011258358 A 20111222	NGK SPARK PLUG CO [JP]	JP20100130562 20100607	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
WO2011148769 A1 20111201	NGK SPARK PLUG CO [JP]; TODO YUSUKE [JP]; KOMATSU DAISUKE [JP]; OKUYAMA YASUO [JP]; UEMATSU HIDEKI [JP]; ISHIKAWA HIROYA [JP]	JP20100120839 20100526	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2011143335 A 20110728	NGK SPARK PLUG CO [JP]; TOKYO GAS CO LTD	JP20100004982 20100113	B01D53/22; B01D69/12; B01D71/02; C01B3/56	HYDROGEN SEPARATION DEVICE AND METHOD FOR MANUFACTURING HYDROGEN SEPARATION DEVICE
JP2011240301 A 20111201	NGK SPARK PLUG CO [JP]; TOKYO GAS CO LTD	JP20100116960 20100521	B01D53/22; B01D63/00; B01D69/10; B01D69/12; B01D71/02; C01B3/56; H01M8/06	GAS SEPARATION APPARATUS AND METHOD FOR PRODUCTION THEREOF

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WO2011142262 A1 20111117	NHK SPRING CO LTD [JP]; YAMAUCHI YUICHIRO [JP]; SAITO SHINJI [JP]	JP20100111157 20100513	B23K35/30; B23K1/00; B23K1/19; C22C5/06; H01M8/02; H01M8/12	BRAZING MATERIAL FOR BONDING IN ATMOSPHERE, BONDED ARTICLE, AND CURRENT COLLECTING MATERIAL
JP2011150893 A 20110804	NIHON GORE KK	JP20100011231 20100121	H01M4/86; H01M4/96; H01M8/06; H01M8/10	GAS DIFFUSION LAYER MEMBER FOR POLYMER ELECTROLYTE FUEL CELL, AND POLYMER ELECTROLYTE FUEL CELL
JP2011198520 A 20111006	NIHON GORE KK	JP20100061348 20100317	H01M4/86; H01M8/02; H01M8/10	GAS DIFFUSION LAYER OF SOLID POLYMER FUEL CELL
WO2011105519 A1 20110901	NIHON YAMAMURA GLASS CO LTD [JP]; AKAMATSU TAKAFUMI [JP]; MAYUMI YOSHITAKA [JP]	JP20100039086 20100224	C03C8/02; C03C8/24; H01M8/02; H01M8/12	GLASS COMPOSITION AND SEALING MATERIAL
CN102122722 A 20110713	NINGBO INST MAT TECH & ENG CAS	CN20111024540 20110121	H01M8/24; H01M8/04	Solid oxide fuel cell stack
CN102180669 A 20110914	NINGBO INST MAT TECH & ENG CAS	CN20111066320 20110318	C04B35/48; C04B35/01; C04B35/622; H01M8/02	Method for co-sintering cathode and anode of electrolyte-supported solid oxide fuel cell
JP2011171124 A 20110901	NIPPON CATALYTIC CHEM IND [JP]	JP20100034020 20100218	H01M8/02; C04B35/622	ANODE SUPPORT TYPE HALF CELL, ITS MANUFACTURING METHOD, AND ANODE SUPPORT TYPE CELL
JP2011204398 A 20111013	NIPPON CATALYTIC CHEM IND [JP]	JP20100068799 20100324	H01M8/02; C04B35/48; C04B35/622; H01M8/12	MANUFACTURING METHOD OF SCANDIA-STABILIZED ZIRCONIA SHEET FOR SOLID OXIDE FUEL CELL

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JP2011204416 A 20111013	NIPPON CATALYTIC CHEM IND [JP]	JP20100069391 20100325	H01M4/86; H01M4/90; H01M8/06; H01M8/12	FUEL ELECTRODE MATERIAL FOR SOLID OXIDE FUEL BATTERY, FUEL ELECTRODE USING THE SAME, AND CELL FOR SOLID OXIDE FUEL BATTERY
JP2011204417 A 20111013	NIPPON CATALYTIC CHEM IND [JP]	JP20100069392 20100325	H01M8/02; C23C30/00; H01M8/06; H01M8/12; H01M8/24	SOLID OXIDE FUEL BATTERY
JP2011204418 A 20111013	NIPPON CATALYTIC CHEM IND [JP]	JP20100069393 20100325	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL BATTERY SYSTEM, AND STARTING METHOD THEREOF
JP2011210505 A 20111020	NIPPON CATALYTIC CHEM IND [JP]	JP20100076518 20100330	H01M8/02; H01M8/12	ELECTROLYTE SHEET FOR SOLID OXIDE FUEL BATTERY, MANUFACTURING METHOD OF THE ELECTROLYTE SHEET, AND CELL EMPLOYING THE ELECTROLYTE SHEET FOR SOLID OXIDE FUEL BATTERY
JP2011216187 A 20111027	NIPPON CATALYTIC CHEM IND [JP]	JP20100080138 20100331	H01M8/02; H01M8/12	CURRENT COLLECTOR MATERIAL FOR SOLID-STATE OXIDE FUEL BATTERY AND CELL FOR SOLID-STATE OXIDE FUEL BATTERY USING THE SAME
JP2011216345 A 20111027	NIPPON CATALYTIC CHEM IND [JP]	JP20100083707 20100331	H01M8/02; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING ANODE SUPPORT TYPE HALF CELL, ANODE SUPPORT TYPE HALF CELL OBTAINED BY THIS METHOD FOR MANUFACTURING, AND ANODE SUPPORT TYPE CELL, SOLID ELECTROLYTE FUEL CELL
JP2011222265 A 20111104	NIPPON CATALYTIC CHEM IND [JP]	JP20100089622 20100408	H01M4/88; H01M8/12	METHOD OF PRODUCING GREEN SHEET FOR FUEL ELECTRODE SUBSTRATE

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WO2011122010 A1 20111006	NIPPON CATALYTIC CHEM IND [JP]; HATA KAZUO [JP]	JP20100076530 20100330	H01M8/02; H01M8/12	ELECTROLYTE SHEET FOR SOLID OXIDE TYPE FUEL CELL AND PROCESS FOR PRODUCTION THEREOF, SINGLE CELL FOR SOLID OXIDE TYPE FUEL CELL, AND SOLID OXIDE TYPE FUEL CELL
JP2011222329 A 20111104	NIPPON PILLAR PACKING	JP20100090883 20100409	H01M8/02	FUEL CELL SEPARATOR AND METHOD OF MANUFACTURING THE SAME
JP2011208269 A 20111020	NIPPON SEISEN CO LTD	JP20100094475 20100329	C22C38/00; B21D22/20; B21J5/00; C22C38/58	HIGH STRENGTH STAINLESS STEEL MATERIAL FOR WORKING HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE, STAINLESS STEEL WIRE THEREOF AND STAINLESS STEEL FORMED PART
JP2011236429 A 20111124	NIPPON SHEET GLASS CO LTD [JP]	JP20040060808 20040304; JP20040102787 20040331; JP20110136060 20110620	C08J5/08; C03C14/00; C08J5/22; D04H1/42; D04H1/64; D06M13/513; D21H13/40; H01B1/06; H01M8/02; H01M8/10	REINFORCING MATERIAL FOR PROTON CONDUCTIVE MEMBRANE, AND PROTON CONDUCTIVE MEMBRANE USING THE SAME AND FUEL CELL
WO2011111367 A1 20110915	NIPPON SHEET GLASS CO LTD [JP]; ONISHI MASAKI [JP]; KEZUKA MASAMICHI [JP]; SAKAGUCHI SHUHEI [JP]	JP20100050019 20100308	H01M8/02; C03C25/10; D06M15/233; D06M15/256	REINFORCING SHEET FOR SOLID ELECTROLYTE MEMBRANE
JP2011187432 A 20110922	NIPPON SOKEN; DENSO CORP; TOYOTA MOTOR CORP	JP20100030283 20100215; JP20100186357 20100823	H01M8/04; G01R19/00; G01R33/02	LOCAL CURRENT MEASURING DEVICE OF FUEL CELL AND FUEL CELL DIAGNOSIS DEVICE

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JP2011150917 A 20110804	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20100011816 20100122	H01M8/02; H01M4/86; H01M8/04; H01M8/06	GAS DIFFUSION LAYER, AND FUEL CELL HAVING THE SAME
JP2011162863 A 20110825	NIPPON STEEL & SUMIKIN SST	JP20100028979 20100212	C22C38/00; C22C38/28; C22C38/54	AI-CONTAINING FERRITIC STAINLESS STEEL SUPERIOR IN OXIDATION RESISTANCE AND ELECTRIC CONDUCTIVITY
JP2011146321 A 20110728	NIPPON STEEL CORP	JP20100007784 20100118	H01M4/96; B01J23/42; H01M8/10	CATALYST FOR SOLID POLYMER FUEL CELL, AND ELECTRODE FOR SOLID POLYMER FUEL CELL USING THE SAME
JP2011187180 A 20110922	NIPPON TELEGRAPH & TELEPHONE	JP20100048208 20100304	H01M8/02; H01M4/86; H01M8/12	UNIT CELL FOR SOLID OXIDE FUEL BATTERY AND SOLID OXIDE FUEL BATTERY
JP2011198758 A 20111006	NIPPON TELEGRAPH & TELEPHONE	JP20100043149 20100226; JP20110035856 20110222	H01M4/86; H01M8/12	FUEL ELECTRODE MATERIAL FOR SOLID OXIDE FUEL CELL, FUEL ELECTRODE, SOLID OXIDE FUEL CELL, AND MANUFACTURING METHOD OF FUEL ELECTRODE MATERIAL
JP2011228079 A 20111110	NIPPON TELEGRAPH & TELEPHONE	JP20100095876 20100419	H01M8/00; C01B3/38; H01M6/50; H01M8/04; H01M8/06; H01M12/06; H01M12/08; H02J7/00; H02J7/34	POWER SUPPLY SYSTEM AND POWER SOURCE OPERATION METHOD
JP2011233286 A 20111117	NIPPON TELEGRAPH & TELEPHONE	JP20100100799 20100426	H01M4/86; C01F17/00; C04B35/50; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL

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JP2011249098 A 20111208	NIPPON TELEGRAPH & TELEPHONE	JP20100120113 20100526	H01M16/00; H01M8/00; H01M8/04; H01M12/06	HYBRID POWER SUPPLY SYSTEM AND HYBRID POWER SUPPLY OPERATION METHOD
JP2011249186 A 20111208	NIPPON TELEGRAPH & TELEPHONE	JP20100122425 20100528	H01M8/02; H01M4/86; H01M8/12	UNIT CELL FOR SOLID OXIDE FUEL BATTERY
JP2011249234 A 20111208	NIPPON TELEGRAPH & TELEPHONE	JP20100123240 20100528	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING FUEL CELL SYSTEM
JP2011258409 A 20111222	NIPPON TELEGRAPH & TELEPHONE	JP20100131762 20100609	H01M8/24; H01M8/02	FUEL CELL STACK
JP2011198546 A 20111006	NIPPON TELEGRAPH & TELEPHONE; SUMITOMO PRECISION PROD CO	JP20100062310 20100318	H01M8/24; H01M8/04; H01M8/12	FLAT-PLATE SOLID OXIDE FUEL CELL MODULE AND METHOD FOR OPERATING THE SAME
JP2011216498 A 20111027	NISSAN MOTOR [JP]	JP20110168508 20110801	H01M8/04	FUEL CELL SYSTEM
JP2011228313 A 20111110	NISSAN MOTOR [JP]	JP20110150152 20110706	H01M8/04	FUEL CELL SYSTEM
JP2011253718 A 20111215	NISSAN MOTOR [JP]	JP20100126775 20100602	H01M8/02; H01M8/24	FUEL CELL STACK
KR20110085003 A 20110726	NISSAN MOTOR [JP]	JP20080300133 20081125; JP20080301309 20081126; JP20080303217 20081127; JP20080303219 20081127; JP20080303223 20081127; JP20090142600 20090615	H01B5/02; H01B13/00; H01M8/02; H01M8/10	CONDUCTIVE MEMBER AND SOLID STATE POLYMER FUEL CELL USING SAME

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US2011223502 A1 20110915	NISSAN MOTOR [JP]	JP20020351013 20021203; JP20020308364 20021023; JP20020351014 20021203; JP20030311883 20030903	C01B3/40; H01M8/06; B01J8/04; B01J23/42; B01J23/44; B01J23/46; B01J23/63; C01B3/48; H01M8/00; H01M8/10	Fuel Reforming Apparatus And Fuel Cell System
WO2011158551 A1 20111222	NISSAN MOTOR [JP]; IKEZOE KEIGO; ABE MITSUTAKA; OKU TAKANORI; NUMAO YASUHIRO	JP20100136228 20100615	H01M8/02; H01M8/24	FUEL CELL
WO2011152405 A1 20111208	NISSAN MOTOR [JP]; OKU TAKANORI; ABE MITSUTAKA; UEHARA SHIGETAKA; NUMAO YASUHIRO	JP20100125733 20100601	H01M8/24; H01M8/02; H01M8/10	FUEL CELL
WO2011162226 A1 20111229	NISSAN MOTOR [JP]; OSADA TAKAHITO; IKEZOE KEIGO; CHIKUGO HAYATO	JP20100142242 20100623	H01M8/04	FUEL CELL SYSTEM
WO2011114787 A1 20110922	NISSAN MOTOR [JP]; SAGINOMIYA SEISAKUSHO INC [JP]; TAKEMOTO SHINICHIROU; OSAWA KAZUHIKO [JP]; OKAWARA ICHIRO [JP]; KITANO SHINICHI [JP]; OMATA MICHIO [JP]	JP20100064079 20100319	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME
WO2011114811 A1 20110922	NISSAN MOTOR [JP]; UEHARA SHIGETAKA	JP20100060363 20100317	H01M8/02; H01M8/24	FUEL CELL



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JP2011174152 A 20110908	NISSHIN STEEL CO LTD	JP20100040264 20100225	C22C38/00; C22C38/48; C22C38/54; H01M8/02; H01M8/12	RARE EARTH METAL NON-ADDED FERRITIC STAINLESS STEEL HAVING EXCELLENT OXIDATION RESISTANCE AT HIGH TEMPERATURE
JP2011179063 A 20110915	NISSHIN STEEL CO LTD	JP20100043819 20100301	C23C8/14; C21D1/76; C21D6/00; C22C38/00; C22C38/28; C22C38/54; C23C8/18; H01M8/02; H01M8/12	CONDUCTIVE MEMBER OF SOLID OXIDE FUEL CELL
WO2011132676 A1 20111027	NISSHINBO HOLDINGS INC [JP]; UNIV GUNMA NAT UNIV CORP [JP]; KISHIMOTO TAKEAKI [JP]; KOBAYASHI RIEKO [JP]; OZAKI JUN- ICHI [JP]	JP20100097184 20100420	H01M4/90; B01J21/18; B01J23/75; B01J37/02; B01J37/08; H01M4/96; H01M8/10	CARBON CATALYST FOR DIRECT FUEL CELL CATHODE, AND DIRECT FUEL CELL CATHODE AND DIRECT FUEL CELL USING SAME
JP2011251285 A 20111215	NISSHINBO HOLDINGS INC; UNIV GUNMA	JP20110157904 20110719	B01J23/42; B01J37/08; H01M4/96	CARRIER FOR CARRYING CATALYST, CATALYST CARRIER, ELECTRODE, AND BATTERY
JP2011233347 A 20111117	NITTO DENKO CORP [JP]	JP20100102268 20100427	H01M8/02; C08G73/10; C08J5/22; H01B1/06; H01M8/10	PROTON CONDUCTIVE POLYMER ELECTROLYTE MEMBRANE AND MEMBRANE-ELECTRODE ASSEMBLY USING IT AND POLYMER ELECTROLYTE FUEL CELL
JP2011233693 A 20111117	NITTO DENKO CORP [JP]	JP20100102199 20100427	H05K3/28; H01M8/04	WIRING CIRCUIT BOARD AND FUEL CELL

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US2011189508 A1 20110804	NITTO DENKO CORP [JP]	JP20100023353 20100204; JP20110008659 20110119	H01M14/00; H01M8/00; H05K1/00; H05K1/09	PRINTED CIRCUIT BOARD AND FUEL CELL INCLUDING THE SAME
US2011281202 A1 20111117	NITTO DENKO CORP [JP]	JP20100112802 20100517; JP20100252124 20101110	H01M8/04; H05K1/00; H05K3/10	PRINTED CIRCUIT BOARD, FUEL CELL AND METHOD OF MANUFACTURING PRINTED CIRCUIT BOARD
JP2011145205 A 20110728	NOBEL POWER SOLAR KK	JP20100007004 20100115	G01R19/00; H01L31/04; H02J7/35	EXTREMELY-LOW VOLTAGE DETECTION CIRCUIT
US2011171496 A1 20110714	NOGUERA DANIEL R [US]; DONOHUE TIMOTHY J [US]; ANDERSON MARC A [US]; MCMAHON KATHERINE D [US]; TEJEDOR ISABEL [US]; PEREZ RODOLFO E [US]; CHO YUN KYUNG [US]	US20080243650 20081001; US20080029187 20080211; US20070889266P 20070210	H01M8/16	LIGHT-POWERED MICROBIAL FUEL CELLS
AT521099T T 20110915	NOK CORP [JP]	JP20000195535 20000629; JP20000307152 20001006; JP20000328136 20001027; JP20010026295 20010202; WO2001JP04273 20010522	H01M8/02	BAUELEMENT FÜR BRENNSTOFFZELLE
ES2369984T T3 20111209	NOK CORP [JP]	JP20000195535 20000629	H01M8/02	PARTE CONSTITUYENTE PARA UNA PILA DE COMBUSTIBLE.
JP2011170973 A 20110901	NOK CORP [JP]	JP20100030772 20100216	H01M8/02; H01M8/10	SEAL STRUCTURE FOR FUEL CELL
JP2011192584 A 20110929	NOK CORP [JP]	JP20100059200 20100316	H01M8/02; F16J15/10; H01M8/24	MOUNTING STRUCTURE OF GASKET FOR FUEL CELL

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JP2011222245 A 20111104	NOK CORP [JP]	JP20100089217 20100408	H01M8/02; F16J15/10; F16J15/12	GASKET FOR FUEL CELL
JP2011226606 A 20111110	NOK CORP [JP]	JP20100098404 20100422	F16K31/06; F16K27/00; F16K27/02	SOLENOID VALVE
JP2011233474 A 20111117	NOK CORP [JP]	JP20100105334 20100430	H01M8/02	SEAL STRUCTURE FOR FUEL CELL AND MANUFACTURING METHOD THEREOF
WO2011129168 A1 20111020	NOK CORP [JP]; HASEGAWA TOMONORI [JP]	JP20100091707 20100412	C08L23/08; C08K5/101; C08K5/5419; C08L83/05; C09K3/10; F16J15/10; H01M8/02	RUBBER COMPOSITION AND USE THEREOF
WO2011158624 A1 20111222	NOK CORP [JP]; MASAKA TAKESHI [JP]; KURANO YOSHIHIRO [JP]; KOGA SHOTARO [JP]	JP20100187844 20100825; JP20100134784 20100614	F16J15/10; H01M8/02	GASKET
JP2011165525 A 20110825	NORITAKE CO LTD [JP]	JP20100028270 20100210	H01M4/88; H01M8/10	METHOD OF MANUFACTURING BASE MATERIAL FOR GAS DIFFUSION ELECTRODE AND POWDER-SHAPED MATERIAL FOR FORMING BASE MATERIAL FOR GAS DIFFUSION ELECTRODE USED THEREFOR
JP2011222191 A 20111104	NORITAKE CO LTD [JP]	JP20100087900 20100406	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND BONDING MATERIAL USED FOR THE SAME
WO2011108162 A1 20110909	NORITAKE CO LTD [JP]; ITO MASAAKI [JP]	JP20100044101 20100301	B01J23/89; B01J35/08; B01J37/16; H01M4/88; H01M4/90	CATALYST HAVING METAL MICROPARTICLES SUPPORTED THEREON, AND USE THEREOF

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JP2011258357 A 20111222	NORITAKE CO LTD v	JP20100130491 20100607	H01M4/86; H01M4/88; H01M8/10	CATALYST LAYER AND CATALYST PASTE FOR SOLID POLYMER FUEL CELL
JP2011131141 A 20110707	NORITZ CORP	JP20090291517 20091222	B01D1/00; C01B3/38; H01M8/04; H01M8/06	EVAPORATOR AND FUEL CELL SYSTEM USING THE SAME
JP2011132377 A 20110707	NORITZ CORP	JP20090293423 20091224	C10L3/10; B01D53/04; C01B3/38; H01M8/04; H01M8/06	DESULFURIZER AND FUEL CELL SYSTEM PROVIDED WITH THE SAME
JP2011154975 A 20110811	NORITZ CORP	JP20100017281 20100128	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011233378 A 20111117	NORITZ CORP	JP20100102888 20100428	H01M8/00; F24H1/00; F24H9/00; H01M8/04	FUEL CELL HOT-WATER SUPPLY SYSTEM
US2011311891 A1 20111222	NUCELLSYS GMBH [DE]	US201113220217 20110829; DE200410020029 20040423; US20070587140 20070523; WO2005US13773 20050422; US20040631705P 20041130	H01M8/06	Fuel Cell Based Power Generation Systems and Methods of Operating the Same
JP2011198776 A 20111006	NUVERA FUEL CELLS EUROP SRL	IT2002MI00869 20020423	H01M8/02; H01M8/24; H01M8/10	MEMBRANE ELECTROCHEMICAL GENERATOR

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AT529908T T 20111115	NUVERA FUEL CELLS INC [US]	US20020335538 20021231; WO2003US41660 20031231	H01M8/00; H01M2/00; H01M2/02; H01M8/04; H01M8/06; H01M8/10; H01M8/12; H01M8/14; H01M8/18	HOCHEFFIZIENTES BRENNSTOFFZELLEN-STROMVERSORGUNGSSYSTEM MIT STROMERZEUGUNGS- EXPANDER
US2011223514 A1 20110915	NUVERA FUEL CELLS INC [US]	US20100722051 20100311	H01M8/24	OPEN FLOW FIELD FUEL CELL
WO2011112195 A1 20110915	NUVERA FUEL CELLS INC [US]; BLANCHET SCOTT C [US]; CROSS JAMES C III [US]	WO2010US27004 20100311	H01M8/04	OPEN FLOW FIELD FUEL CELL
WO2011123644 A2 20111006	NUVERA FUEL CELLS INC [US]; LUNT BENJAMIN [US]; BLANCHET SCOTT [US]	US20100319522P 20100331	H01M8/02	VARIABLE LOAD FUEL CELL
WO2011119041 A1 20110929	OESTRENG ERIK [NO]; NILSEN OLA [NO]; FJELLVAAG HELMER [NO]	US20100316043P 20100322	C23C16/455; C23C16/40; H01M8/12	PROTON, OR MIXED PROTON AND ELECTRONIC CONDUCTING THIN FILMS
JP2011227052 A 20111110	OGIHARA MFG CO LTD	JP20100086041 20100402; JP20110019457 20110201	G01V3/08	COILED CAPACITOR AND AIR BUBBLE DETECTING DEVICE USING THE SAME
JP2011131182 A 20110707	OGIHARA SEISAKUSHO KK; KYOCERA CORP	JP20090294660 20091225	C02F1/42; C02F1/20; H01M8/04; H01M8/06	WATER PURIFICATION DEVICE OF FUEL CELL POWER GENERATION SYSTEM
JP2011204432 A 20111013	OIKE KOGYO KK	JP20100069680 20100325	H01M4/88; B01J23/44; B01J23/46; B01J37/18	METHOD OF MANUFACTURING ELECTRODE MATERIAL FOR FUEL CELL MATERIAL

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JP2011150932 A 20110804	OKUMURA TOMOSUKE; UDA TETSUYA; NOSE YOSHITARO; OKUNO CHEM IND CO	JP20100012259 20100122	H01M4/88; C25B13/02; H01M8/02; H01M8/12	ELECTRODE FORMED ON SURFACE OF SOLID ELECTROLYTE, FUEL CELL INCLUDING THE SAME, HYDROGEN GENERATOR, AND SELECTIVE HYDROGEN PERMEATION DEVICE
JP2011193992 A 20111006	OLYMPUS CORP	JP20100063121 20100318	A61M1/36; H01M4/90; H01M4/92; H01M8/00; H01M8/02; H01M8/06; H01M8/10	POWER SUPPLY DEVICE
JP2011204529 A 20111013	OLYMPUS CORP	JP20100071946 20100326	H01M8/02; H01M8/04; H01M8/06; H01M8/08	SUGAR FUEL CELL, AND ELECTRODE FOR THE SAME
JP2011258318 A 20111222	OLYMPUS CORP; UNIV NAGAOKA TECHNOLOGY	JP20100129359 20100604	H01M8/04	AGING METHOD OF DIRECT ALCOHOL FUEL CELL AND AGING APPARATUS THEREFOR
WO2011139657 A2 20111110	OMEGA ENGINEERING [US]; HOLLANDER MILTON [US]; FERGUSON JAMES [US]	US20100352608P 20100608; US20100329788P 20100430; US20100328443P 20100427; US20100343294P 20100426	H01M4/64; H01M8/10; H01R43/00	SYSTEM AND METHOD FOR FORMING CONDUCTORS OF AN ENERGY GENERATING DEVICE
WO2011096429 A1 20110811	OMRON TATEISI ELECTRONICS CO [JP]; HISANO ATSUSHI	JP20100023396 20100204	G06Q50/00; H02J3/00; H02J13/00	POWER DEMAND-SUPPLY SYSTEM

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JP2011159426 A 20110818	ORGANO KK	JP20100018433 20100129	H01M8/06; B01D61/48; B01D61/52; B01J47/12; C02F1/42; C02F1/469	WATER TREATMENT DEVICE FOR FUEL CELL AND WATER TREATMENT METHOD
JP2011189315 A 20110929	ORGANO KK	JP20100059187 20100316	C02F1/469; B01D61/48; H01M8/06	ELECTRIC DEIONIZED-WATER PRODUCTION APPARATUS
WO2011160067 A2 20111222	ORIGIN OIL INC [US]; GREEN MICHAEL [US]; ECKLEBERRY NICHOLAS [US]	US201113162562 20110616; US20100356435P 20100618	C12M1/00; C12P3/00; H01M8/06	BIO-ENERGY REACTOR
JP2011146208 A 20110728	OSAKA GAS CO LTD	JP20100005287 20100113	H01M8/04	OPERATION CONTROL DEVICE FOR FUEL CELL
JP2011146209 A 20110728	OSAKA GAS CO LTD	JP20100005288 20100113	H01M8/04; F24H1/00; H01M8/00	COGENERATION SYSTEM
JP2011150842 A 20110804	OSAKA GAS CO LTD	JP20100010064 20100120	H01M8/06; H01M8/04	FUEL CELL DEVICE
JP2011150843 A 20110804	OSAKA GAS CO LTD	JP20100010065 20100120	H01M8/04; H01M8/02; H01M8/06; H01M8/12; H01M8/24	FUEL CELL DEVICE
JP2011153741 A 20110811	OSAKA GAS CO LTD	JP20100014535 20100126	F24H1/00; H01M10/44	COGENERATION SYSTEM
JP2011159485 A 20110818	OSAKA GAS CO LTD	JP20100019961 20100201	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL

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JP2011163679 A 20110825	OSAKA GAS CO LTD	JP20100027934 20100210	F24H1/00; F02G5/04; H01M8/00; H01M8/04	COGENERATION SYSTEM
JP2011163709 A 20110825	OSAKA GAS CO LTD	JP20100029094 20100212	F24H1/00; F02G5/04; H01M8/00; H01M8/04	COGENERATION SYSTEM
JP2011165338 A 20110825	OSAKA GAS CO LTD	JP20100023361 20100204	H01M8/04	FUEL CELL SYSTEM
JP2011165339 A 20110825	OSAKA GAS CO LTD	JP20100023362 20100204	H01M8/04	FUEL CELL SYSTEM
JP2011165652 A 20110825	OSAKA GAS CO LTD	JP20100006079 20100114; JP20100262695 20101125	H01M8/02	METHOD OF MANUFACTURING INTERCONNECTOR FOR FUEL CELL, AND INTERCONNECTOR FOR FUEL CELL
JP2011181263 A 20110915	OSAKA GAS CO LTD	JP20100042875 20100226	H01M8/04	METHOD OF MAINTAINING SHUTDOWN STATE OF FUEL CELL SYSTEM
JP2011184549 A 20110922	OSAKA GAS CO LTD	JP20100050707 20100308	C10L3/10; C01B3/38; H01M8/06	DESULFURIZATION PROCESS, DESULFURIZER, AND FUEL CELL POWER GENERATION SYSTEM
JP2011184630 A 20110922	OSAKA GAS CO LTD	JP20100053429 20100310	C10K1/22; B01D53/02; B01J20/06; B01J20/18; B01J23/889; B01J29/14; H01M8/06	DESULFURIZING METHOD AND DESULFURIZING APPARATUS AND FUEL CELL POWER GENERATING SYSTEM
JP2011185520 A 20110922	OSAKA GAS CO LTD	JP20100050706 20100308	F24H1/00	COGENERATION SYSTEM



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JP2011192545 A 20110929	OSAKA GAS CO LTD	JP20100058174 20100315	H01M8/06; B01J4/00; C01B3/38; H01M8/04	GAS-LIQUID SUPPLY DEVICE AND REFORMING DEVICE EQUIPPED WITH THE SAME
JP2011192546 A 20110929	OSAKA GAS CO LTD	JP20100058175 20100315	H01M8/02	MANUFACTURING METHOD OF INTERCONNECTOR FOR FUEL CELL
JP2011195391 A 20111006	OSAKA GAS CO LTD	JP20100065001 20100319	C01B3/38	ON-START UP OPERATION METHOD FOR HYDROGEN-CONTAINING GAS PRODUCING APPARATUS
JP2011204390 A 20111013	OSAKA GAS CO LTD	JP20100068496 20100324	H01M8/04; C01B3/38; F24H1/00; H01M8/00; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM AND COGENERATION SYSTEM EQUIPPED WITH THIS
JP2011210399 A 20111020	OSAKA GAS CO LTD	JP20100074449 20100329	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011210682 A 20111020	OSAKA GAS CO LTD	JP20100079474 20100330	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2011210684 A 20111020	OSAKA GAS CO LTD	JP20100079593 20100330	H01M8/04; F24H1/00; F25B27/00; H01M8/00	FUEL CELL COGENERATION SYSTEM
JP2011210685 A 20111020	OSAKA GAS CO LTD	JP20100079599 20100330	H01M8/00; F24H1/00; F25B30/02; H01M8/04	FUEL CELL COGENERATION DEVICE
JP2011216208 A 20111027	OSAKA GAS CO LTD	JP20100080535 20100331	H01M8/06; C01B3/34; H01M8/04	FUEL CELL SYSTEM
JP2011216305 A 20111027	OSAKA GAS CO LTD	JP20100082979 20100331	H01M8/04; H01M8/10	OPERATION METHOD OF FUEL CELL SYSTEM

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JP2011216306 A 20111027	OSAKA GAS CO LTD	JP20100082980 20100331	H01M8/04; H01M8/10	STOPPING METHOD OF FUEL CELL SYSTEM
JP2011216307 A 20111027	OSAKA GAS CO LTD	JP20100082981 20100331	H01M8/04; H01M8/10	STARTING METHOD OF FUEL CELL SYSTEM
JP2011216308 A 20111027	OSAKA GAS CO LTD	JP20100082984 20100331	H01M8/04; H01M8/06; H01M8/12; H01M8/24	SOLID OXIDE FUEL BATTERY SYSTEM
JP2011222478 A 20111104	OSAKA GAS CO LTD	JP20100069081 20100325; JP20100232196 20101015	H01M8/04; H01M8/12	SOLID OXIDE TYPE FUEL CELL
JP2011258467 A 20111222	OSAKA GAS CO LTD	JP20100133220 20100610	H01M8/02; H01M8/10; H01M8/24	SOLID POLYMER FUEL BATTERY
JP2011204446 A 20111013	OSAKA GAS CO LTD; KYOCERA CORP [JP]	JP20100070105 20100325	H01M8/04; H01M8/00; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
JP2011210686 A 20111020	OSAKA GAS CO LTD; KYOCERA CORP [JP]	JP20100079605 20100330	H01M8/06; C01B3/34; H01M8/04	FUEL CELL POWER GENERATION DEVICE
JP2011204462 A 20111013	OSAKA GAS CO LTD; KYOCERA CORP [JP]; TAISEI KOGYO CO LTD	JP20100070560 20100325	H01M8/04; F24H1/00; F24H9/00; H01M8/00; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM

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US2011236790 A1 20110929	PACKER ENG INC [US]	US20100888910 20100923; US20040824719 20040415; US20070744270 20070504; US20030477156P 20030609; US20030474721P 20030530	H01M8/10; B01J19/08; B67D7/00; F17C11/00; H01M8/04	SYSTEM, METHODS AND MATERIALS FOR STORING AND RETRIEVING HYDROGEN
US2011265669 A1 20111103	PADBERG CHRISTOPH [DE]; SINSCHKE JUERGEN [DE]; RAAP TORSTEN [DE]; HOFMANN ULF [DE]	US201113166847 20110623; DE200410034139 20040715; US20070572040 20070508; WO2005EP07689 20050714	H01M8/00; H01M8/10	METHOD FOR THE PRODUCTION OF MEMBRANE/ELECTRODE UNITS
JP2011171301 A 20110901	PANASONIC CORP [US]; PENN STATE RES FOUND	US20100706649 20100216	H01M4/86	DIRECT OXIDATION FUEL CELL
AT518266T T 20110815	PANASONIC CORP [JP]	JP20040046521 20040223; WO2005JP02691 20050221	H01M4/86; H01M4/94; H01M8/02; H01M8/10	GASDIFFUSIONSSCHICHT UND BRENNSTOFFZELLE DAMIT
CA2762534 A1 20110909	PANASONIC CORP [JP]	JP20100047451 20100304; WO2011JP01255 20110303	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM
CA2763450 A1 20110929	PANASONIC CORP [JP]	JP20100069647 20100325; WO2011JP01744 20110324	H01M8/06; H01M8/04	FUEL CELL SYSTEM
DE102011007304 A1 20111110	PANASONIC CORP [JP]	JP20100103963 20100428	H01M8/02	Polymerelektrolytbrennstoffzellenstapel

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US2011207009 A1 20110825	PANASONIC CORP [JP]	US201113099863 20110503; JP20040175047 20040614; US20060629496 20061214; WO2005JP10826 20050614	H01M8/04; H01M8/10	METHOD OF PRESERVING POLYMER ELECTROLYTE FUEL CELL STACK AND PRESERVATION ASSEMBLY OF POLYMER ELECTROLYTE FUEL CELL STACK
US2011223504 A1 20110915	PANASONIC CORP [JP]	US201113113868 20110523; JP20040378967 20041228; US20050592671 20051212; WO2005JP22746 20051212	H01M8/04	FUEL CELL SYSTEM
WO2011096149 A1 20110811	PANASONIC CORP [JP]; AIZAWA MASATO; GYOTEN HISAAKI; TAOMOTO AKIRA	JP20100022936 20100204	H01M8/02; H01B1/06; H01B13/00; H01M8/10	A METHOD FOR FABRICATING A POLYMER ELECTROLYTE MEMBRANE FOR A FUEL CELL
WO2011099280 A1 20110818	PANASONIC CORP [JP]; KAKE NIN; SATO KEIICHI; KAKU HIROAKI; NAGASATO HIROSHI; OOTANI AKIHITO; KUSHISAKA TORU	JP20100026193 20100209	H02J3/38; H01M8/04; H02M3/155; H02M3/28; H02M7/48	POWER CONVERSION DEVICE AND FUEL CELL SYSTEM PROVIDED THEREWITH
WO2011108248 A1 20110909	PANASONIC CORP [JP]; KAKU HIROAKI; KATOU MOTOMICHI; SHIMADA TAKANORI; TANAKA YOSHIKAZU	JP20100043936 20100301	H01M8/04	FUEL-CELL POWER GENERATING SYSTEM
WO2011111400 A1 20110915	PANASONIC CORP [JP]; KANEKO HIROAKI; KUSUMURA KOICHI; YUKIMASA AKINORI	JP20100055160 20100311; JP20100055137 20100311	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD FOR RUNNING A FUEL CELL SYSTEM

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WO2011148604 A1 20111201	PANASONIC CORP [JP]; KANI YUKIMUNE; UKAI KUNIHIRO; KANEKO HIROAKI	JP20100122827 20100528	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND METHOD FOR OPERATION THEREOF, AND FUEL CELL SYSTEM
WO2011102147 A1 20110825	PANASONIC CORP [JP]; KATOU MOTOMICHI; TANAKA YOSHIKAZU; SHIMADA TAKANORI	JP20100035580 20100222	H01M8/04	FUEL CELL OPERATING METHOD AND FUEL CELL SYSTEM
WO2011093066 A1 20110804	PANASONIC CORP [JP]; KOKUBU HIROFUMI; KUSUMURA KOICHI; NAKAMURA AKINARI; URATA TAKAYUKI	JP20100014953 20100127	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND OPERATION METHOD THEREFOR
WO2011092777 A1 20110804	PANASONIC CORP [JP]; KOMORI TOMOYUKI; OHTSUKA TAKASHI; OMOTE ATSUSHI	JP20100014975 20100127	H01M4/86; H01M8/04	POWER GENERATION METHOD USING FUEL CELL, AND FUEL CELL
WO2011108252 A1 20110909	PANASONIC CORP [JP]; KONDO JUNICHI; HIRAYAMA TETSUAKI; TAOMOTO AKIRA; GYOTEN HISAAKI	JP20100049706 20100305	H01M4/88; H01M4/86; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL CATHODE ELECTRODE AND FUEL CELL CATHODE ELECTRODE
WO2011108264 A1 20110909	PANASONIC CORP [JP]; MAENISHI AKIRA; MUKAI YUJI; KAWAGUCHI YUJI; OZEKI MASATAKA	JP20100047453 20100304	C01B3/38; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL POWER GENERATION SYSTEM
WO2011118138 A1 20110929	PANASONIC CORP [JP]; MATSUDA HIROAKI	JP20100070823 20100325	H01M8/02	DIRECT OXIDATION FUEL CELL
WO2011099285 A1 20110818	PANASONIC CORP [JP]; MATSUMURA JUN; TSUJI YOICHIRO; NAGAI HIROYUKI; SATO NOBUO	JP20100027554 20100210	H01M8/02; H01M8/10	CATALYST-COATED MEMBRANE ASSEMBLY MANUFACTURING METHOD AND DEVICE
WO2011118111 A1 20110929	PANASONIC CORP [JP]; MITSUI MASAKI; AKIYAMA TAKASHI	JP20100072823 20100326	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR

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WO2011118136 A1 20110929	PANASONIC CORP [JP]; MORIMOTO TAKASHI; TSUJI YOICHIRO; YAMAUCHI MASAKI; MURATA ATUSHI; YOSHIMURA MITSUO	JP20100066282 20100323	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY WITH INTEGRATED FRAME AND FUEL CELL
WO2011118158 A1 20110929	PANASONIC CORP [JP]; NAKAMURA AKINARI; URATA TAKAYUKI; YASUDA SHIGEKI	JP20100066057 20100323	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM AND CONTROL SYSTEM FOR SAME
WO2011083534 A1 20110714	PANASONIC CORP [JP]; NAKAMURA MASATOSHI; NOBUOKA MASAKI; TADA KOUJI; SIMA KAZUYA	JP20100000762 20100105	C01B3/38; C01B3/48; H01M8/06	FUEL TREATMENT DEVICE
WO2011108271 A1 20110909	PANASONIC CORP [JP]; NOMURA TAKAIKI; SUZUKI TAKAHIRO; MIYATA NOBUHIRO; HATO KAZUHITO	JP20100047426 20100304	B01J35/02; B01J23/08; B01J27/24; C01G15/00; C25B1/04; C25B9/00; C25B11/06	OPTICAL SEMICONDUCTOR, OPTICAL SEMICONDUCTOR ELECTRODE USING SAME, PHOTOELECTROCHEMICAL CELL, AND ENERGY SYSTEM
WO2011114702 A1 20110922	PANASONIC CORP [JP]; OKANISHI TAKEOU; KOASHI NAOTSUGU; TSUJI YOICHIRO	JP20100061045 20100317	H01M8/02; H01M4/86; H01M8/10	POLYMER ELECTROLYTE FUEL CELL AND FUEL CELL STACK EQUIPPED WITH SAME
WO2011114748 A1 20110922	PANASONIC CORP [JP]; SUGAWARA YASUSHI; YASUMOTO EIICHI; UMEDA TAKAHIRO	JP20100062633 20100318	H01M8/04; C01B3/38; H01M8/06	FUEL CELL ELECTRICITY GENERATION SYSTEM AND SHUT-DOWN METHOD FOR FUEL CELL ELECTRICITY GENERATION SYSTEM
WO2011151986 A1 20111208	PANASONIC CORP [JP]; TADA KOUJI; NOBUOKA MASAKI; SHIMA KAZUYA	JP20100126982 20100602	C01B3/38	HYDROGEN GENERATOR

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WO2011096205 A1 20110811	PANASONIC CORP [JP]; TAKEGUCHI SHINSUKE; OKANISHI TAKEOU; TSUJI YOICHIRO	JP20100024372 20100205	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
WO2011121932 A1 20111006	PANASONIC CORP [JP]; TANIGUCHI NOBORU; TOKUHIRO KENICHI; SUZUKI TAKAHIRO; KUROHA TOMOHIRO; NOMURA TAKAIKI; HATO KAZUHITO; TAMURA SATORU	JP20100083418 20100331	H01M14/00; C25B11/06; H01M8/00; H01M8/06	PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME
WO2011111336 A1 20110915	PANASONIC CORP [JP]; UKAI KUNIHIRO	JP20100052664 20100310	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND FEEDING CONTROL SYSTEM USING SAME
WO2011122019 A1 20111006	PANASONIC CORP [JP]; UMEDA TAKAHIRO; KUSAKABE HIROKI; YASUMOTO EIICHI; UNOKI SHIGEYUKI; SUGAWARA YASUSHI; SHIBATA SOICHI; SAKAI OSAMU	JP20100078397 20100330	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR DRIVING SAME
WO2011108266 A1 20110909	PANASONIC CORP [JP]; URATA TAKAYUKI; NAKAMURA AKINARI; YASUDA SHIGEKI	JP20100047450 20100304	H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING THEREOF
WO2011083548 A1 20110714	PANASONIC CORP [JP]; YAMAUCHI MASAKI; TSUJI YOICHIRO; MURATA ATUSI; MORIMOTO TAKASHI; MATSUMOTO TOSHIHIRO	JP20100000552 20100105	H01M8/02; H01M8/10	ELECTRODE-MEMBRANE-FRAME ASSEMBLY, METHOD FOR PRODUCING SAME, AND FUEL CELL
WO2011158495 A1 20111222	PANASONIC CORP [JP]; YUKIMASA AKINORI; TAGUCHI KIYOSHI; UKAI KUNIHIRO	JP20100135718 20100615	H01M8/06; C01B3/38; C01B3/52; H01M8/04; H01M8/10	METHOD FOR OPERATION OF FUEL CELL SYSTEM

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WO2011118169 A1 20110929	PANASONIC CORP [JP]; YUKIMASA AKINORI; YASUDA SHIGEKI; TANABE NAOHISA; WAKAMATSU HIDETOSHI	JP20100067587 20100324	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM
JP2011154849 A 20110811	PANASONIC CORP [US]	JP20100014952 20100127	H01M8/04	FUEL CELL POWER GENERATOR
JP2011159409 A 20110818	PANASONIC CORP [US]	JP20100018145 20100129	H01M10/50; H01M8/00	POWER SUPPLY SYSTEM
JP2011159523 A 20110818	PANASONIC CORP [US]	JP20100020878 20100202	H01M8/04	FUEL CELL ELECTRIC POWER GENERATOR
JP2011165318 A 20110825	PANASONIC CORP [US]	JP20100022962 20100204	H01M8/04; H01M8/06	FUEL CELL GENERATOR SYSTEM
JP2011165367 A 20110825	PANASONIC CORP [US]	JP20100023900 20100205	H01M8/00; F24H1/00	INFORMATION OUTPUT DEVICE OF COGENERATION DEVICE
JP2011165460 A 20110825	PANASONIC CORP [US]	JP20100026314 20100209	H01M8/02; H01M8/10	METHOD OF MANUFACTURING MEMBRANE-CATALYST LAYER ASSEMBLY
JP2011165539 A 20110825	PANASONIC CORP [US]	JP20100028483 20100212	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND ITS PROGRAM
JP2011165593 A 20110825	PANASONIC CORP [US]	JP20100029785 20100215	H01M8/04	FUEL CELL SYSTEM
JP2011165594 A 20110825	PANASONIC CORP [US]	JP20100029786 20100215	H01M8/04; H01M8/00	METHOD OF CONTROLLING FUEL CELL POWER GENERATION SYSTEM
JP2011170407 A 20110901	PANASONIC CORP [US]	JP20100030964 20100216	G06F9/445; H01M8/04	FUEL CELL SYSTEM
JP2011170985 A 20110901	PANASONIC CORP [US]	JP20100030965 20100216	H01M8/04; H01M8/00	FUEL CELL ELECTRIC POWER GENERATOR
JP2011171137 A 20110901	PANASONIC CORP [US]	JP20100034474 20100219	H01M8/04	FUEL CELL POWER GENERATION SYSTEM, AND PROGRAM THEREFOR
JP2011173751 A 20110908	PANASONIC CORP [US]	JP20100038354 20100224	C01B3/38; C01B3/48	HYDROGEN GENERATOR



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JP2011175741 A 20110908	PANASONIC CORP [US]	JP20100036803 20100223	H01M8/04	FUEL CELL SYSTEM
JP2011175742 A 20110908	PANASONIC CORP [US]	JP20100036805 20100223	H01M8/04; F24H1/00; H01M8/00	FUEL CELL SYSTEM
JP2011181198 A 20110915	PANASONIC CORP [US]	JP20100041502 20100226	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION SYSTEM
JP2011181424 A 20110915	PANASONIC CORP [US]	JP20100046174 20100303	H01M8/04; H01M8/00	FUEL CELL POWER GENERATION SYSTEM
JP2011181440 A 20110915	PANASONIC CORP [US]	JP20100046521 20100303	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM
JP2011181474 A 20110915	PANASONIC CORP [US]	JP20100047452 20100304	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011181475 A 20110915	PANASONIC CORP [US]	JP20100047454 20100304	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION APPARATUS
JP2011181514 A 20110915	PANASONIC CORP [US]	JP20110101064 20110428	H01M8/04; F24H1/00; H01M8/00	FUEL CELL COGENERATION SYSTEM
JP2011184215 A 20110922	PANASONIC CORP [US]	JP20100048708 20100305	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR
JP2011187240 A 20110922	PANASONIC CORP [US]	JP20100049707 20100305	H01M4/88; H01M4/86	METHOD OF MANUFACTURING ELECTRODE FOR FUEL CELL, AND FUEL CELL USING THE SAME
JP2011198477 A 20111006	PANASONIC CORP [US]	JP20100060584 20100317	H01M8/02; C08G77/30; C08G77/38; C08G77/44; H01B1/06; H01M8/10	SOLID ELECTROLYTE

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JP2011198478 A 20111006	PANASONIC CORP [US]	JP20100060585 20100317	H01M8/02; H01B13/00; H01M4/94	METHOD FOR FORMING PROTON CONDUCTOR THIN FILM
JP2011204429 A 20111013	PANASONIC CORP [US]	JP20100069645 20100325	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM
JP2011204430 A 20111013	PANASONIC CORP [US]	JP20100069646 20100325	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011204583 A 20111013	PANASONIC CORP [US]	JP20100072791 20100326	H01M4/86; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL USING THE SAME
JP2011210604 A 20111020	PANASONIC CORP [US]	JP20100078395 20100330	H01M8/24	FUEL CELL STACK
JP2011210605 A 20111020	PANASONIC CORP [US]	JP20100078396 20100330	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011210606 A 20111020	PANASONIC CORP [US]	JP20100078398 20100330	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011216405 A 20111027	PANASONIC CORP [US]	JP20100085164 20100401	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL AND SEPARATOR FOR THE SAME
JP2011222350 A 20111104	PANASONIC CORP [US]	JP20100091261 20100412	H01M4/86; H01M4/88; H01M8/10	METHOD OF MANUFACTURING OXYGEN REDUCTION REACTION ELECTRODE AND FUEL CELL USING THE SAME
JP2011225410 A 20111110	PANASONIC CORP [US]	JP20100099214 20100422	C01B3/38; H01M8/06	HYDROGEN GENERATING APPARATUS, FUEL CELL SYSTEM WITH THE SAME AND METHOD OF OPERATING HYDROGEN GENERATING APPARATUS
JP2011228187 A 20111110	PANASONIC CORP [US]	JP20100098387 20100422	H01M8/02; H01M8/10	FUEL CELL
JP2011230963 A 20111117	PANASONIC CORP [US]	JP20100103296 20100428	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM HAVING THE APPARATUS

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JP2011233278 A 20111117	PANASONIC CORP [US]	JP20100100591 20100426	H01M8/04	FUEL CELL SYSTEM
JP2011233540 A 20111117	PANASONIC CORP [US]	JP20110160571 20110722	H01M8/04; H01M8/10	SOLID POLYMER TYPE FUEL CELL SYSTEM AND METHOD OF OPERATING THE SAME
JP2011238478 A 20111124	PANASONIC CORP [US]	JP20100109275 20100511	H01M8/04; H01M8/02	FUEL CELL SYSTEM AND OPERATIONAL METHOD THEREOF
JP2011238479 A 20111124	PANASONIC CORP [US]	JP20100109276 20100511	H01M8/04	FUEL CELL SYSTEM AND OPERATIONAL METHOD THEREOF
JP2011243291 A 20111201	PANASONIC CORP [US]	JP20100111634 20100514	H01M8/02; H01M8/04; H01M8/24	FUEL CELL STACK, FUEL CELL SYSTEM WITH THE SAME, AND OPERATIONAL METHOD OF FUEL CELL SYSTEM
JP2011243444 A 20111201	PANASONIC CORP [US]	JP20100115285 20100519	H01M8/04; H01M8/10	METHOD FOR ACTIVATING POLYMER ELECTROLYTE FUEL CELL AND ACTIVATION DEVICE FOR THE SAME
JP2011249024 A 20111208	PANASONIC CORP [US]	JP20100117999 20100524	H01M8/04	FUEL CELL SYSTEM
JP2011253705 A 20111215	PANASONIC CORP [US]	JP20100126565 20100602	H01M8/04; B01D53/04; C01B3/26; H01M8/06	FUEL CELL SYSTEM
JP2011256059 A 20111222	PANASONIC CORP [US]	JP20100130302 20100607	C01B3/38; H01M8/04; H01M8/06	METHOD FOR OPERATING HYDROGEN GENERATOR AND FUEL CELL SYSTEM
JP2011258428 A 20111222	PANASONIC CORP [US]	JP20100132266 20100609	H01M8/02; H01M4/86; H01M8/10	POLYMER ELECTROLYTE FUEL CELL AND FUEL CELL STACK WITH THE SAME
JP2011150858 A 20110804	PANASONIC ELEC WORKS CO LTD [JP]	JP20100010455 20100120	H01M8/02	METHOD FOR MANUFACTURING FUEL CELL SEPARATOR, FUEL CELL SEPARATOR, METHOD FOR MANUFACTURING FUEL CELL SEPARATOR WITH GASKET, AND METHOD FOR MANUFACTURING FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011204648 A 20111013	PANASONIC ELEC WORKS CO LTD [JP]	JP20100073624 20100326	H01M8/02	METHOD OF MANUFACTURING SEPARATOR OF FUEL CELL, SEPARATOR OF FUEL CELL, AND FUEL CELL
JP2011204650 A 20111013	PANASONIC ELEC WORKS CO LTD [JP]	JP20100073631 20100326	H01M8/02	COMPOSITION FOR SEPARATOR OF FUEL CELL, SEPARATOR OF FUEL CELL, AND METHOD OF MANUFACTURING FUEL CELL
JP2011249085 A 20111208	PANASONIC ELEC WORKS CO LTD [JP]	JP20100119623 20100525	H01M8/02; H01M8/10	METHOD OF MANUFACTURING FUEL CELL SEPARATOR, FUEL CELL SEPARATOR, AND METHOD OF MANUFACTURING FUEL CELL
WO2011093124 A1 20110804	PANASONIC ELEC WORKS CO LTD [JP]; NISHIKAWA TOSHIKAZU [JP]	JP20100013943 20100126	C01B5/00; C25B1/04; H01M8/00; H01M8/06	WATER TREATMENT DEVICE
WO2011089758 A1 20110728	PANASONIC ELEC WORKS CO LTD [JP]; YAMAMOTO HIROSHI [JP]; ITO TORU [JP]	JP20100119623 20100525; JP20100010455 20100120	H01M8/02	PRODUCTION METHOD FOR FUEL CELL SEPARATOR, FUEL CELL SEPARATOR, PRODUCTION METHOD FOR FUEL CELL SEPARATOR HAVING GASKET, AND PRODUCTION METHOD FOR FUEL CELL.
WO2011092885 A1 20110804	PANASONIC ELEC WORKS CO LTD [JP]; YAMAMOTO HIROSHI [JP]; ITO TORU [JP]	JP20100017197 20100128	H01M8/02	METHOD FOR PRODUCING FUEL CELL SEPARATOR, AND FUEL CELL
US2011244351 A1 20111006	PARK JUNG-KURN [KR]; NA YOUNG-SEUNG [KR]; CHO HYE-JUNG [KR]; HU LEI [KR]	US201113037217 20110228; US20100320261P 20100401	H01M8/04	OPERATING METHOD OF FUEL CELL SYSTEM
KR20110129617 A 20111202	PARK YOUNG CHEOL [KR]	KR20100049102 20100526	H01M8/12; C03C3/091; C09K3/10; H01M8/04	SEAL FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF

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US2011212382 A1 20110901	PENN STATE RES FOUND [US]; RECAPING INC [US]	US20100924908 20101007; US20090278867P 20091013; US20100303644P 20100211	C04B35/468; C04B35/46; C04B35/465; C04B35/472; C04B35/64; H01B1/00; H01B1/02; H01G9/022; H01M4/86; H01M8/10	High energy density ionic dielectric materials and devices
FR2956620 A1 20110826	PEUGEOT CITROEN AUTOMOBILES SA [FR]	FR20100051334 20100225	B60K11/06; B60K1/04; H01M2/12; H01M8/04	Vehicle i.e. motor vehicle, has air exhaust duct terminated with air extraction device emerged tangentially to exterior of vehicle on sidewall of vehicle in maximum depression area of vehicle
CN202023652U U 20111102	PHEMAX TECHNOLOGIES INC	CN20102583061U 20101029	F02G1/043; H01M8/06; H02K35/00	Heat burning device for flywheel
US2011229775 A1 20110922	PHYCOSYSTEMS INC [US]	US200913120418 20090922; US20080099177P 20080922; WO2009US57920 20090922	H01M8/16	Device for Efficient, Cost-Effective Conversion of Aquatic Biomass to Fuels and Electricity
WO2011106043 A2 20110901	PILUS ENERGY LLC [US]; IRVIN RANDALL T [CA]; BARKELOO JASON E [US]; HASSETT DANIEL J [US]	US20100660200 20100223; US20100660224 20100223	C12N1/21; C12N15/52; C12N15/78; H01M8/16	IMPROVED MICROBIAL FUEL CELL

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CZ22423U U1 20110707	PLSKOVA EVA [CZ]; PLISKA JAN [CZ]	CZ20110024176U 20110407	H02J15/00; H01L31/048; H01M8/22; H02J1/14; H02J3/32; H02J7/35	Arrangement of FV reservoir power station with parallel connection to transmission or distribution system
KR20110118300 A 20111031	POSBEE [KR]	KR20100037813 20100423	H01M8/12; H01M8/02	TUBE TYPE SOLID OXIDE FUEL CELL STACKS AND THEIR MANUFACTURING METHODS
KR20110075242 A 20110706	POSCO [KR]	KR20090131639 20091228	H01M8/02; C01F17/00; H01M8/12	COMPOSITE CERAMIC CONTACT MATERIAL FOR SOLID OXIDE FUEL CELL AND METHOD OF PREPARING CERAMIC CONTACT MATERIAL
KR20110135262 A 20111216	POSCO [KR]	KR20100055071 20100610	H01M8/12; B05B9/04; C04B35/01; H01M8/02	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20110135286 A 20111216	POSCO [KR]	KR20100055100 20100610	H01M8/12; B30B15/14; H01M8/04; H01M8/24	FASTENING APPARATUS FOR STACK
KR20110085703 A 20110727	POSTECH ACAD IND FOUND [KR]	KR20100005622 20100121	H01M8/02; C01F11/02; C01F17/00; H01M8/12	ANODE MATERIAL FOR SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL USING THE SAME
KR20110086904 A 20110802	POSTECH ACAD IND FOUND [KR]	KR20100006284 20100125	H01M8/04; H01M8/12	ELECTRICAL COLLECTOR FOR SOLID OXIDE FUEL CELL USING SEGMENTED FLAT TUBE STRUCTURE
KR20110136148 A 20111221	POSTECH ACAD IND FOUND [KR]	KR20100055965 20100614	H01M8/12; C04B35/00; C09K3/10; H01M8/02	INTERNAL REFORMING TUBULAR TYPE SOLID OXIDE FUEL CELL STACKS AND THEIR MANUFACTURING METHODS

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WO2011126217 A2 20111013	POSTECH ACAD IND FOUND [KR]; CHUNG JONG SHIK [KR]	KR20100032854 20100409	H01M8/12; H01M8/02; H01M8/24	HUGE STACK FOR FLAT-TUBULAR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
AT513322T T 20110715	POWERCELL SWEDEN AB [SE]	SE20000003966 20001027; WO2001SE02275 20011018	H01M8/10; H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M4/96; H01M8/02	KATHODENSCHICHTSTRUKTUR FÜR EINE FESTPOLYMERBRENNSTOFFZELLE UND BRENNSTOFFZELLE MIT EINER SOLCHEN STRUKTUR
WO2011124850 A1 20111013	PRAGMA IND [FR]; FORTE PIERRE [FR]; LEPILLER CATHERINE [FR]	FR20100052661 20100408	H01M8/24; C25D3/00; H01M8/02	STRIPS FOR CONNECTING THE ANODES AND CATHODES OF AN ELECTROCHEMICAL CONVERTER AND A CONVERTER COMPRISING IT
WO2011124863 A1 20111013	PRAGMA IND [FR]; FORTE PIERRE [FR]; LEPILLER CATHERINE [FR]	FR20100052660 20100408	H01M8/02; H01M8/10; H01M8/24	IMPROVED ELECTROCHEMICAL CONVERTER
US2011244368 A1 20111006	PROMERUS LLC [US]	US201113157767 20110610; US20100966768 20101213; US20090283994P 20091211	H01M8/10; B01J41/14; C08F232/08; C08J5/22; H01M4/86; H01M8/08	NORBORNENE-TYPE POLYMERS HAVING QUATERNARY AMMONIUM FUNCTIONALITY
WO2011131657 A1 20111027	PROTIA AS [NO]; KJOELSETH CHRISTIAN [NO]; FJELD HARALD [NO]; VESTRE PER KRISTIAN [NO]	US20100282905P 20100419	H01M4/90; H01M8/06; H01M8/12	PROTON CERAMIC FUEL CELL
WO2011098525 A1 20110818	PROTIA AS [NO]; KJOELSETH CHRISTIAN [NO]; VESTRE PER CHRISTIAN [NO]	US20100303854P 20100212	H01M8/02; C01B3/50; C07C5/32	PROTON CONDUCTING MEMBRANE

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AT516605T T 20110715	PROTOTECH AS [NO]	GB20020021304 20020913; WO2003GB03969 20030915	H01M8/06; H01M8/04	STROMVERSORGUNGSVORRICHTUNG
KR20110075430 A 20110706	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20090131880 20091228	H01M8/16	MICROBIAL FUEL CELL USING NON-WOVEN FABRICS AS SEPARATOR
KR20110075454 A 20110706	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20090131907 20091228	H01M8/16	PADDLE ELECTRODE
KR20110078573 A 20110707	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20090135421 20091231	H01M4/96; H01M8/10	FUEL CELL ELECTRODE AND METHOD OF FABRICATING THEREOF
KR20110115412 A 20111021	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20100034902 20100415	H01M8/16; B01J31/18; B01J31/28	ELECTROCATALYTIC MATERIAL FOR ENZYME-BASED BIOFUEL CELL AND ENZYME-BASED BIOFUEL CELL USING THE SAME
CN102200038 A 20110928	QINGNAN KONG	CN20101131037 20100324	F01K27/00; H01M8/06	Thermochemical cycle power generating method
AT524228T T 20110915	QUESTAIR TECHNOLOGIES INC [CA]	US20020364772P 20020314; WO2003CA00372 20030314	B01D53/04; B01D53/047; B01D53/06; H01M8/06	GASTRENNUNG DURCH EINE KOMBINATION AUS DRUCKWECHSEL UND VERDRÄNGUNGSSPÜLUNG
CN102222794 A 20111019	RAYMOND CORP	US20100761536 20100416	H01M8/04; B60R16/033	Fuel cell water disposal



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CN102142530 A 20110803	RECHARGEABLE BATTERY CORP	US20040846020 20040514; US20040710116 20040618; US20040710135 20040621; US20040904097 20041022	H01M2/26; H01M2/00; H01M2/02; H01M2/16; H01M2/18; H01M4/00; H01M4/04; H01M4/24; H01M4/26; H01M4/42; H01M4/50; H01M6/04; H01M6/08; H01M6/10; H01M6/42; H01M6/46; H01M8/10; H01M10/04	Embedded electrode conformations for balanced energy, power, and cost
WO2011126363 A1 20111013	REDSTACK B V [NL]; GOETING CHRISTIAAN HALDIR [NL]; VALK JAN [NL]	NL20102004510 20100406	B01D61/50; B01D63/08; B01D69/06; H01M8/22	MEMBRANE STACK FOR A MEMBRANE BASED PROCESS AND METHOD FOR PRODUCING A MEMBRANE THEREFOR
WO2011151008 A1 20111208	REHAU AG & CO [DE]; RIEDEL HARALD [DE]; DAMBERG JUERGEN [DE]	DE201020007529U 20100602	H01M8/02; F16L53/00	HEATABLE MEDIA LINE, IN PARTICULAR FOR PROCESS MEDIA OF A FUEL CELL SYSTEM, AND FUEL CELL SYSTEM
WO2011114094 A1 20110922	RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD [IE]; UNDERWOOD RICHARD LINDSAY [GB]; RIDLEY PETER JOHN [GB]	US20100345339P 20100517; GB20100004650 20100319	H01M8/18; H01M8/02; H01M8/04; H01M8/20; H01M8/22; H01M8/24	ELECTROCHEMICAL CELL STACK

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WO2011154811 A1 20111215	RENSSELAER POLYTECH INST [US]; SNELSON TODD [US]; PUFFER RAYMOND [US]; WALCZYK DANIEL [US]; PYZZA JAKE [US]; KRISHNAN LAKSHMI [US]	US20100397192P 20100608	H01M8/02; C25B9/10; H01M4/88; H01M8/10	METHOD FOR THE PRODUCTION OF AN ELECTROCHEMICAL CELL
KR20110075379 A 20110706	RES INST IND SCIENCE & TECH [KR]	KR20090131820 20091228	H01M8/06; C01B3/38	FUEL REFORMER WITH ENHANCED HEAT TRANSFER ABILITY
KR20110075380 A 20110706	RES INST IND SCIENCE & TECH [KR]	KR20090131821 20091228	H01M8/06; C01B3/38	FUEL REFORMING METHOD
KR20110075381 A 20110706	RES INST IND SCIENCE & TECH [KR]	KR20090131822 20091228	H01M8/06; C01B3/38	FUEL REFORMER WITH DISTRIBUTED OXYGEN INJECTION STRUCTURE AND FUEL REFORMING METHOD THEREOF
WO2011100602 A1 20110818	REVOLT TECHNOLOGY LTD [IE]; BURCHARDT TRYGVE [CH]; LAUBACH ADAM [CH]; BECQUET ANNE-LAURE [CH]; PEDICINI CHRISTOPHER [US]; MCDOUGALL JAMES P [CH]	US20100847890 20100730; US20100304273P 20100212	H01M4/86; H01M4/88; H01M8/02; H01M12/06	MANUFACTURING METHODS FOR AIR ELECTRODE
KR20110120263 A 20111103	RHEE SHIE WOO [KR]	KR20110102914 20111010	H02J3/46; H01M8/02	SYSTEM AND METHOD OF POWER SUPPLY TO A GROUP OF ISLANDS UTILIZING RENEWABLE ENERGY
JP2011238625 A 20111124	RICOH CO LTD	JP20110166484 20110729	H01M8/02; H01M4/88; H01M4/90; H01M8/00; H01M8/10; H01M8/24	FUEL CELL, FUEL CELL ASSEMBLY, POWER SOURCE, ELECTRONIC DEVICE, AND A METHOD FOR FORMING ELECTRODE
JP2011134504 A 20110707	RINNAI KK; TOKYO GAS CO LTD; GASTAR CORP	JP20090291434 20091222	H01M8/04; H01M8/06	POWER GENERATOR
JP2011134505 A 20110707	RINNAI KK; TOKYO GAS CO LTD; GASTAR CORP	JP20090291435 20091222	H01M8/24; H01M8/12	POWER GENERATOR

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WO2011117092 A2 20110929	RITTAL GMBH & CO KG [DE]; KOVALEV SERGEJ [DE]; MESCHKAT JAN [DE]; PAUL HARTMUT [DE]; SCHWIETZ SANDRA [DE]	DE201010016149 20100325	H01M8/24	POWER SUPPLY SYSTEM
WO2011117093 A1 20110929	RITTAL GMBH & CO KG [DE]; PAUL HARTMUT [DE]; KOVALEV SERGEJ [DE]; MESCHKAT JAN [DE]; SCHWIETZ SANDRA [DE]	DE201010016150 20100325	H01M8/24	POWER SUPPLY SYSTEM
WO2011110202 A1 20110915	ROCHE DIAGNOSTICS GMBH [DE]; HOFFMANN LA ROCHE [CH]; OCVIRK GREGOR [DE]; KOELKER KARL-HEINZ [DE]	EP20100002588 20100311	A61B5/00; C12Q1/00; H01M8/16	METHOD FOR THE ELECTROCHEMICAL MEASUREMENT OF AN ANALYTE CONCENTRATION IN VIVO, AND FUEL CELL FOR THIS PURPOSE
KR20110084068 A 20110721	RYU JAE LIM [KR]	KR20100004123 20100115	H01M8/04; H01M8/12; H01M8/14	HIGH SPEED WARMING UP DEVICE FOR FUEL CELL
WO2011089821 A1 20110728	SAGINOMIYA SEISAKUSHO INC [JP]; NISSAN MOTOR [JP]; OSAWA KAZUHIKO [JP]; OKAWARA ICHIRO [JP]; KITANO SHINICHI [JP]; OMATA MICHIO [JP]; TAKEMOTO SHINICHIROU	JP20100010870 20100121	H01M8/04	FILTER DEVICE
US2011305970 A1 20111215	SAHAI YOGESHWAR [US]; CHOUDHURY NURUL A [US]; BUCHHEIT RUDOLPH G [US]	US20100944067 20101111; US20100353734P 20100611	H01M8/10; B01J31/06; H01G9/00; H01G9/155; H01M4/00; H01M4/38; H01M4/583; H01M4/62	CHEMICALLY LINKED HYDROGEL MATERIALS AND USES THEREOF IN ELECTRODES and/or ELECTROLYTES IN ELECTROCHEMICAL ENERGY DEVICES

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WO2011082326 A2 20110707	SAINT GOBAIN CERAMICS; MAHONEY F MICHAEL; NARENDAR YESHWANTH; HUANG HANSONG	US20090335085P 20091231	H01M8/12; H01M8/02	ANISOTROPIC CTE LSM FOR SOFC CATHODE
WO2011081736 A2 20110707	SAINT GOBAIN CERAMICS; PARIHAR SHAILENDRA S; QUEREL GILLES; GICH MARTI	US20090335155P 20091231	H01M8/12; C04B35/01; C09K3/10; H01M8/02	THIN, FINE GRAINED AND FULLY DENSE GLASS-CERAMIC SEAL FOR SOFC STACK
FR2958287 A1 20111007	SAINT GOBAIN CT RECHERCHES [FR]; CENTRE NAT RECH SCIENT [FR]	FR20100052483 20100401	C04B38/00; H01M8/02	MICROREACTEUR
WO2011121572 A1 20111006	SAINT GOBAIN CT RECHERCHES [FR]; CENTRE NAT RECH SCIENT [FR]; DEVILLE SYLVAIN [FR]; VIAZZI CELINE [FR]	FR20100052485 20100401	B01J37/32; C04B38/06; H01M8/02	CERAMIC MATERIAL COMPRISING FRUSTOCONICAL TUBULAR PORES
US2011183224 A1 20110728	SALTER L CARLTON [US]; SALTER KRIS [US]; PENDERGRASS ROBERT [US]; REDMOND JASON [US]	US20100951489 20101122; US20070680480 20070228; US20060823486P 20060824	H01M8/04; H01M8/10	FUNCTIONALLY INTEGRATED HYDROGEN FUEL CELL
CN102208651 A 20111005	SAMSUNG ELECTRO MECH [KR]	KR20100028670 20100330	H01M4/86; H01M8/10	Metal oxide-yttria stabilized zirconia composite and solid oxide fuel cell using the same
KR20110139495 A 20111229	SAMSUNG ELECTRO MECH [KR]	KR20100059616 20100623	H01M8/04; H01L35/00	FUEL CELL SYSTEM
US2011275007 A1 20111110	SAMSUNG ELECTRO MECH [KR]	KR20100042624 20100506	H01M8/10; H01M8/00	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
US2011318668 A1 20111229	SAMSUNG ELECTRO MECH [KR]	KR20100061970 20100629	H01M8/04; B05D5/12; H01M8/00; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, FUEL CELL AND MANUFACTURING THE METHOD THEREOF

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CN102142571 A 20110803	SAMSUNG ELECTRONICS CO LTD [JP]	KR20100008597 20100129; KR20110008251 20110127	H01M8/18	Organic electrolyte solution and redox flow battery including the same
JP2011238485 A 20111124	SAMSUNG ELECTRONICS CO LTD [JP]	JP20100109408 20100511	H01M4/96; H01M4/88; H01M8/10	ELECTRODE FOR FUEL CELL, MANUFACTURING METHOD THEREOF, AND FUEL CELL
JP2011238496 A 20111124	SAMSUNG ELECTRONICS CO LTD [JP]	JP20100109760 20100512	H01M4/86; H01M4/88; H01M4/96; H01M8/02; H01M8/10	ELECTRODE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME, AND METHOD FOR MANUFACTURING ELECTRODE FOR FUEL CELL
US2011281199 A1 20111117	SAMSUNG ELECTRONICS CO LTD [JP]	JP20100109408 20100511; KR20110015568 20110222	H01M8/10; B05D5/12; H01M4/86; H01M4/90; H01M4/92; H01M4/96	ELECTRODE FOR FUEL CELL, METHOD OF PREPARING THE SAME, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
EP2368925 A1 20110928	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100027602 20100327	C08G8/22; B01J20/02; C08G8/24; C08J9/00; D01F9/12; H01M8/04	Aerogel, composition for the aerogel, and method of making the aerogel
KR20110083940 A 20110721	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100003934 20100115	H01M4/92; B01J21/18; B01J23/44; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, MANUFACTURING METHOD THEREOF, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
KR20110091446 A 20110811	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100011179 20100205	C07D265/14; C08G61/12; H01M4/86; H01M8/10	COMPOSITION, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE SAME, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME, AND FUEL CELL EMPLOYING THE SAME

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KR20110094966 A 20110824	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100014727 20100218	H01M8/06; B01J19/08; C01B3/06	PROCESS FOR PREPARING HYDROGEN, AND FUEL CELL USING SAME
KR20110103208 A 20110920	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100022427 20100312	H01M4/90; B01J21/00; B01J23/00; H01M8/10	CATALYST COMPOSITION COMPRISING METAL OXIDE, AND A FUEL CELL EMPLOYING AN ELECTRODE USING THE SAME
KR20110130827 A 20111206	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100050346 20100528	H01M4/86; H01B1/08; H01M4/92; H01M8/10	ELECTRODE FOR FUEL CELL AND FUEL CELL EMPLOYING THE SAME
US2011195283 A1 20110811	SAMSUNG ELECTRONICS CO LTD [KR]	US201113016317 20110128; KR20100008597 20100129; KR20110008251 20110127; US20100828537 20100701	H01M8/20; H01M2/38; H01M8/08; H01M10/056	ORGANIC ELECTROLYTE SOLUTION AND REDOX FLOW BATTERY INCLUDING THE SAME
US2011195340 A1 20110811	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100011179 20100205; KR20110006492 20110121	H01M8/10; C08F26/06; H01M4/62	COMPOSITION, POLYMER THEREOF, ELECTRODE AND ELECTROLYTE MEMBRANE FOR FUEL CELL, AND FUEL CELL INCLUDING THE SAME
US2011223519 A1 20110915	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100021380 20100310	H01M8/10; C23C14/34; H01M8/00	SOLID OXIDE FUEL CELL AND METHOD OF PREPARING THE SAME

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US2011223520 A1 20110915	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100022425 20100312	H01M8/10; B01J21/18; B01J23/40; B01J23/48; B01J23/74; B01J31/06; H01M4/88; H01M4/90	CATALYST COMPOSITION INCLUDING PROTON CONDUCTIVE METAL OXIDE AND FUEL CELL EMPLOYING ELECTRODE USING CATALYST COMPOSITION
US2011223522 A1 20110915	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100022426 20100312	H01M4/60; H01M4/04; H01M8/00	BIPOLAR PLATE FOR FUEL CELL, METHOD OF MANUFACTURING THE BIPOLAR PLATE, AND FUEL CELL INCLUDING THE BIPOLAR PLATE
US2011294038 A1 20111201	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100049116 20100526	H01M8/10; H01M4/38; H01M8/00	ELECTRODE CATALYST FOR FUEL CELLS, METHOD OF PREPARING THE SAME, AND FUEL CELL INCLUDING ELECTRODE CONTAINING THE ELECTRODE CATALYST
KR20110100155 A 20110909	SAMSUNG ELECTRONICS CO LTD [KR]; BASF SE [DE]	KR20100019027 20100303	C08L79/04; C08G73/22; H01M4/86; H01M8/02	POLYBENZTHIAZOLE-BASED COMPOUND COMPOSITION, PREPARING METHOD THEREOF, ELECTRODE USING THE COMPOSITION, AND FUEL CELL EMPLOYING THE SAME
WO2011108861 A2 20110909	SAMSUNG ELECTRONICS CO LTD [KR]; BASF SE [DE]	KR20110018011 20110228; KR20100019027 20100303	C08L79/04; C08G73/22; C08J3/02; H01M4/86; H01M8/02	(A2 A3) COMPOSITION, METHOD OF PREPARING THE COMPOSITION, ELECTRODE INCLUDING THE COMPOSITION, AND FUEL CELL INCLUDING THE ELECTRODE
KR20110083371 A 20110720	SAMSUNG ELECTRONICS CO LTD [KR]; IUCF HYU [KR]; SAMSUNG SDI CO LTD [KR]	KR20100003562 20100114	H01M8/12; B82B3/00	SOLID OXIDE FUEL CELL CONTAINING COMPOSITE NANOTUBE AND PREPARATION METHOD THEREOF

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US2011294039 A1 20111201	SAMSUNG ELECTRONICS CO LTD [KR]; IUCF HYU [KR]; SAMSUNG SDI CO LTD [KR]	KR20100049826 20100527	H01M8/10; C04B35/64	SOLID OXIDE ELECTROLYTE, SOLID OXIDE FUEL CELL INCLUDING THE SOLID OXIDE ELECTROLYTE, AND METHOD OF PREPARING THE SOLID OXIDE ELECTROLYTE
US2011236795 A1 20110929	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG SDI CO LTD [KR]	KR20100026401 20100324	H01M8/12	METAL-DOPED OXIDE, METHOD OF PREPARING THE SAME, AND SOLID OXIDE ELECTROLYTE USING THE METAL-DOPED OXIDE
KR20110090774 A 20110810	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&AMP DB FOUNDATION [KR]	KR20100010495 20100204	C08G73/18; B01D67/00; C08J5/22; H01M8/10	COMPOUND, CROSS-LINKING MATERIAL THEREOF, DOUBLE CROSSLINKED POLYMER THEREOF, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME, ELECTRODE FOR FUEL CELL INCLUDING THE SAME, AND FUEL CELL EMPLOYING THE SAME
KR20110090775 A 20110810	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&AMP DB FOUNDATION [KR]	KR20100010496 20100204	H01M8/02; C08G75/32; C08L79/04; H01M8/10	POLYMER COMPOSITION, CROSS-LINKED POLYMER FORMED THEREFROM, ELECTRODE FOR FUEL CELL COMPRISING THE POLYMER, ELECTROLYTE MEMBRANE FOR FUEL CELL COMPRISING THE SAME, AND FUEL CELL HAVING THE SAME
KR20110126033 A 20111122	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&AMP DB FOUNDATION [KR]	KR20100045480 20100514	C08G18/72; C08G18/28; C08L75/04; H01M8/02	COMPOUND, COMPOSITION COMPRISING THE COMPOUND, ELECTRODE FOR FUEL CELL USING THE SAME, ELECTROLYTE MEMBRANE FOR FUEL CELL USING THE SAME, AND FUEL CELL USING AT LEAST ONE OF THE ELECTRODE AND THE ELECTROLYTE MEMBRANE



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US2011189581 A1 20110804	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&DB FOUNDATION [KR]	KR20100010495 20100204; KR20110006491 20110121	H01M8/10; C08G73/18; C08G79/04; H01M4/90	COMPOUND, CROSS-LINKED MATERIAL THEREOF, DOUBLE CROSS-LINKED POLYMER THEREOF, AND ELECTROLYTE MEMBRANE, ELECTRODE FOR FUEL CELL AND FUEL CELL INCLUDING SAME
US2011189584 A1 20110804	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&DB FOUNDATION [KR]	KR20100010496 20100204; KR20110006493 20110121	H01M8/10; C08G75/32; C08G81/00	POLYMER AND CROSS-LINKED POLYMER COMPOSITION, ELECTRODE AND ELECTROLYTE MEMBRANE INCLUDING CROSS-LINKED POLYMER, AND FUEL CELL INCLUDING ELECTRODE AND ELECTROLYTE MEMBRANE
US2011195338 A1 20110811	SAMSUNG ELECTRONICS CO LTD [KR]; SNU R&DB FOUNDATION [KR]	KR20100012023 20100209	H01M8/10; C08G18/76; C08G18/77; C08L75/02; H01B1/12	HYPER-BRANCHED POLYMER, ELECTRODE AND ELECTROLYTE MEMBRANE INCLUDING THE HYPER-BRANCHED POLYMER, AND FUEL CELL INCLUDING AT LEAST ONE OF THE ELECTRODE AND THE ELECTROLYTE MEMBRANE
KR20110118560 A 20111031	SAMSUNG ELECTRONICS CO LTD [KR]; UNIV LELAND STANFORD JUNIOR [US]	KR20100038181 20100423; KR20100080000 20100818	H01M8/12; B82B3/00; H01M8/02	PROTON CONDUCTING CERAMIC FUEL CELLS HAVING NANO-GRAIN YSZ AS PROTECTIVE LAYER OF ELECTROLYTE LAYER
KR20110089079 A 20110804	SAMSUNG ELECTRONICS CO LTD [KR]; UNIV SUNGKYUNKWAN FOUND [KR]	KR20100008597 20100129	H01M10/36; H01M8/18	ORGANIC ELECTROLYTE SOLUTION AND REDOX FLOW BATTERY COMPRISING THE SAME
KR20110105463 A 20110927	SAMSUNG HEAVY IND [KR]	KR20100024605 20100319	B63J3/02; B60L11/02; B63H21/21; H01M8/04	HYBRID ELECTRICAL POWER SYSTEM AND VESSEL WITH THE SYSTEM
KR20110114815 A 20111020	SAMSUNG HEAVY IND [KR]	KR20100034157 20100414	B63H21/17; B63H21/38; H01M8/06	PIPING APPARATUS DISTRIBUTED TO A FUELCELL STACK MODULE IN A VESSEL

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KR20110114816 A 20111020	SAMSUNG HEAVY IND [KR]	KR20100034158 20100414	H01M8/10; B01D53/62; C01B3/36; C25B1/04	APPARATUS FOR CAPTURING CARBON DIOXIDE USING FUEL CELL POWER GENERATION SYSTEM IN A SHIP AND METHOD THEREOF
KR20110130377 A 20111205	SAMSUNG HEAVY IND [KR]	KR20110120789 20111118	H01M8/04; C25B1/04; H01M8/14	APPARATUS FOR LOAD FOLLOWING FUEL CELL POWER GENERATION SYSTEM IN A SHIP AND METHOD THEREOF
KR20110133365 A 20111212	SAMSUNG HEAVY IND [KR]	KR20100053050 20100604	B01D53/30; B01D61/00; F24F7/007; H01M8/22	APPARATUS FOR PROVIDING HYDROGEN MANAGEMENT AND MEMBRANE FILTER THEREFOR
CN102195062 A 20110921	SAMSUNG SDI CO LTD [KR]	US20100314895P 20100317; US20100796456 20100608	H01M8/24; H01M4/86; H01M8/22	Fuel cell stack and fuel cell system having the same
CN102214829 A 20111012	SAMSUNG SDI CO LTD [KR]	US20100342353P 20100412; US20100924336 20100924	H01M8/02; H01M8/06	Burner nozzle assembly and fuel reformer having the same
EP2365569 A2 20110914	SAMSUNG SDI CO LTD [KR]	US20100312590P 20100310; US20100909693 20101021	H01M8/10; B32B27/00	A membrane-electrode assembly for a fuel cell
EP2367228 A1 20110921	SAMSUNG SDI CO LTD [KR]	US20100310627P 20100304; US20100845576 20100728	H01M8/24	Electrode Assembly for a Secondary Battery
EP2375482 A1 20111012	SAMSUNG SDI CO LTD [KR]	US20100342353P 20100412	H01M8/04; F23D14/22; H01M8/06	Nozzle assembly and fuel reforming apparatus
EP2381523 A1 20111026	SAMSUNG SDI CO LTD [KR]	US20100327596P 20100423; US20100971437 20101217	H01M8/04; C01B3/32; C01B3/38; H01M8/06	Reforming apparatus for fuel cell system

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JP2011187458 A 20110922	SAMSUNG SDI CO LTD [KR]	KR20050027276 20050331	H01M8/02	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL, METHOD OF MANUFACTURING THE SAME, MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL SYSTEM
KR101082301B B1 20111109	SAMSUNG SDI CO LTD [KR]	KR20100045251 20100514	H01M8/06; B23K37/00; C01B3/02; H01M8/04	CONNECTION STRUCTURE AND CONNECTION METHOD BETWEEN AN OXIDIZER AND A FUEL VAPORIZER OF FUEL REFORMER
KR101084074B B1 20111116	SAMSUNG SDI CO LTD [KR]	KR20100054982 20100610	H01M8/02; H01M8/10	FUEL CELL STACK
KR101093694B B1 20111219	SAMSUNG SDI CO LTD [KR]	KR20100068511 20100715	H01M8/02; B01D15/00; H01M8/10; H01M8/24	FUEL CELL SYSTEM AND STACK THEREOF
KR20110085848 A 20110727	SAMSUNG SDI CO LTD [KR]	US20100833772 20100709; US20100297244P 20100121	H01M8/12; H01M8/02; H01M8/24	FUEL CELL MODULE
KR20110088838 A 20110804	SAMSUNG SDI CO LTD [KR]	KR20100008538 20100129	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND BRAZING METHOD BETWEEN CELL AND CAP
KR20110091259 A 20110811	SAMSUNG SDI CO LTD [KR]	KR20100011006 20100205	H01M4/86; H01M8/02; H01M8/10	FUEL CELL STACK
KR20110100459 A 20110914	SAMSUNG SDI CO LTD [KR]	KR20100019477 20100304	C01B3/38; H01M8/06	FUEL REFORMER
KR20110100957 A 20110915	SAMSUNG SDI CO LTD [KR]	KR20100020061 20100305	H01M8/04; B01D19/00; B04B5/02	ROTOR STRUCTURE AND GAS AND LIQUID SEPARATOR OF FUEL CELL COMPRISING THE SAME

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KR20110111745 A 20111012	SAMSUNG SDI CO LTD [KR]	KR20100030979 20100405	H01M4/92; B01J21/18; B01J23/40; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL INCLUDING SAME, AND FUEL CELL SYSTEM INCLUDING SAME
KR20110122551 A 20111110	SAMSUNG SDI CO LTD [KR]	KR20100042119 20100504	H01M8/04; G01R31/36; H01M8/10; H01M10/44	FUEL CELL SYSTEM AND DRIVING METHOD FOR THE SAME
KR20110137637 A 20111223	SAMSUNG SDI CO LTD [KR]	KR20100057670 20100617	H01M8/12; C23C30/00; H01M8/02	SOLID OXIDE FUEL CELL
US2011236775 A1 20110929	SAMSUNG SDI CO LTD [KR]	KR20100027428 20100326	H01M8/06	Fuel Cell System
US2011236777 A1 20110929	SAMSUNG SDI CO LTD [KR]	KR20100027429 20100326	H01M8/06	FUEL CELL SYSTEM TO PREHEAT FUEL CELL STACK
US2011244362 A1 20111006	SAMSUNG SDI CO LTD [KR]	KR20100030978 20100405	H01M8/10; B01J21/18; B01J23/00; B01J23/42	CATALYST FOR FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY INCLUDING SAME, AND FUEL CELL SYSTEM INCLUDING SAME
US2011244371 A1 20111006	SAMSUNG SDI CO LTD [KR]	KR20030044540 20030702	H01M4/88; H01M4/92; B32B3/26; C08J5/22; C08J9/00; C23C14/14; C23C14/35; H01M2/14; H01M4/86; H01M4/90; H01M8/02; H01M8/10	MICROPOROUS THIN FILM COMPRISING NANOPARTICLES, METHOD OF FORMING THE SAME, AND FUEL CELL COMPRISING THE SAME

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US2011262820 A1 20111027	SAMSUNG SDI CO LTD [KR]	US20100971437 20101217; US20100327596P 20100423	H01M8/06	FUEL CELL SYSTEM HAVING A REFORMER
US2011262833 A1 20111027	SAMSUNG SDI CO LTD [KR]	US201113176699 20110705; KR20050094934 20051010; US20060546020 20061010	H01M8/10	DENDRIMER SOLID ACID AND POLYMER ELECTROLYTE MEMBRANE INCLUDING THE SAME
US2011269058 A1 20111103	SAMSUNG SDI CO LTD [KR]	KR20100039971 20100429	H01M4/75; H01M8/10	SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
US2011281188 A1 20111117	SAMSUNG SDI CO LTD [KR]	KR20100046002 20100517	H01M8/06; B01J8/02	PREFERENTIAL OXIDATION REACTOR AND FUEL CELL SYSTEM USING THE SAME
US2011305960 A1 20111215	SAMSUNG SDI CO LTD [KR]	KR20100054983 20100610	H01M8/06; H01M8/24	FUEL CELL STACK
US2011305966 A1 20111215	SAMSUNG SDI CO LTD [KR]	KR20100054943 20100610	H01M8/24; H01M8/04	FUEL CELL STACK AND REPLACEMENT DEVICE FOR MEMBRANE-ELECTRODE ASSEMBLY OF FUEL CELL STACK
US2011305969 A1 20111215	SAMSUNG SDI CO LTD [KR]	KR20100055629 20100611	H01M8/24	FUEL CELL STACK
US2011318664 A1 20111229	SAMSUNG SDI CO LTD [KR]	KR20100062272 20100629	H01M8/04	FUEL CELL SYSTEM AND DRIVING METHOD FOR THE SAME
KR20110105222 A 20110926	SAMSUNG SDI CO LTD [KR]; JOONGANG PLATEC [KR]	KR20100024357 20100318	H01M8/04; H01M8/06; H01M8/10	CONNECTOR FOR FUEL CELL AND FUEL CELL SYSTEM COMPRISING THE SAME
WO2011108526 A1 20110909	SANTOKU CORP [JP]; UNIV HOKKAIDO NAT UNIV CORP [JP]; MATSUDA MOTOFUMI [JP]; MUROTA TADATOSHI [JP]; TAKEGUCHI TATSUYA; UEDA WATARU	JP20100045778 20100302	H01M8/02; H01M4/86; H01M8/12	SOLID ELECTROLYTE MEMBRANE, FUEL BATTERY CELL, AND FUEL BATTERY

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CN102142573 A 20110803	SANYO ELECTRIC CO [JP]	JP20100019230 20100129; JP20100267394 20101130	H01M8/24; H01M8/04	Fuel cell system
JP2011133085 A 20110707	SANYO ELECTRIC CO [JP]	JP20090294988 20091225	F17C11/00; H01M8/04	FUEL STORAGE UNIT AND FUEL CELL MODULE
US2011294031 A1 20111201	SANYO ELECTRIC CO [JP]	JP20100125398 20100531; JP20110068617 20110325	H01M8/24	COMPOSITE MEMBRANE AND FUEL CELL
US2011244356 A1 20111006	SANYO ELECTRIC CO [JP]	US201113160008 20110614; JP20060086627 20060327; JP20060249294 20060914; US20070691223 20070326	H01M8/10	FUEL CELL
US2011195336 A1 20110811	SANYO ELECTRIC CO [JP]; ANGSTROM POWER INC [CA]	US20100703033 20100209	H01M8/10; B05D5/12	COMPOSITE MEMBRANE, FUEL CELL AND METHOD OF MAKING OF COMPOSITE MEMBRANE
WO2011118188 A2 20110929	SANYO ELECTRIC CO [JP]; ANGSTROM POWER INC [CA]; IMURA SHINICHIRO [JP]; SCHROOTEN JEREMY [CA]; MCLEAN GERARD F [CA]; IACONIS JEAN-LOUIS [CA]; LAGROIX MARTIN [CA]	US20100731686 20100325; JP20100073104 20100326	H01M8/02; H01M4/88; H01M8/10; H01M8/24	(A2 A3) FUEL CELL LAYER, FUEL CELL SYSTEM AND METHOD FOR FABRICATING THE FUEL CELL LAYER
WO2011105589 A1 20110901	SANYO ELECTRIC CO [JP]; YONEDA FUMIUKI	JP20100042445 20100226	H02M7/48; H02J3/38; H02J7/35; H02M3/155	POWER CONVERSION APPARATUS, GRID CONNECTION APPARATUS, AND GRID CONNECTION SYSTEM
CN102148384 A 20110810	SANYO ELECTRIC CO; ANGUS JOE POWER CORP	JP20100034014 20100218; US20100703033 20100209	H01M8/02; H01M4/86	Composite membrane, fuel cell and preparation method of composite membrane
JP2011150863 A 20110804	SANYO SPECIAL STEEL CO LTD	JP20100010570 20100121	H01M8/02; H01M4/86	MANUFACTURING METHOD OF SHEET-LIKE METAL POROUS BODY MEMBER, AND ITS MEMBER

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JP2011170982 A 20110901	SANYO SPECIAL STEEL CO LTD	JP20100030943 20100216	H01M8/02; B22F1/00; B22F7/04; C22C19/05; C22C38/00	FUEL CELL SEPARATOR, ITS MANUFACTURING METHOD, AND ITS MEMBER
JP2011170989 A 20110901	SANYO SPECIAL STEEL CO LTD	JP20100031101 20100216	H01M8/02	SEPARATOR FOR FUEL CELL
JP2011249146 A 20111208	SANYO SPECIAL STEEL CO LTD	JP20100121125 20100527	H01M8/02	METHOD OF MANUFACTURING FUEL CELL SEPARATOR
JP2011195857 A 20111006	SANYO SPECIAL STEEL CO LTD; NARA INST SCIENCE & TECHNOLOGY	JP20100061799 20100318	B22F3/24; C23C16/56; H01M4/88	THIN FILM PRODUCTION METHOD TO METAL POWDER SINTERED POROUS BODY SUBSTRATE
JP2011222312 A 20111104	SANYU REC CO LTD	JP20100090553 20100409	H01M8/18; H01M8/02	ELECTROLYTE CIRCULATION TYPE CELL STACK FOR SECONDARY BATTERY AND ELECTROLYTE CIRCULATION TYPE SECONDARY BATTERY
US2011212373 A1 20110901	SARATA TAKAFUMI [JP]; YANASE NORIMASA [JP]; OZAKI TORU [JP]; TAMACHI TSUNEAKI [JP]; YUZURIHARA KAZUTAKA [JP]; IWASAKI FUMIHARU [JP]	US20110930740 20110114; JP20050089018 20050325; JP20050284151 20050929; US20070909697 20070925; WO2006JP306030 20060324	H01M8/06; G05D7/00	Hydrogen generator
US2011229790 A1 20110922	SATO KENJI [JP]; YOSHIKAWA HIROO [JP]; KAWASUMI AKITO [JP]	US20100727272 20100319	H01M8/24	FUEL CELL MODULE AND FUEL CELL STACK

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JP2011211902 A 20111020	SATO SOICHI	JP20110138977 20110622; JP20000121811 20000317	H02J3/32; F02C6/00; H01M8/00; H02J3/28; H02J3/38; H02J7/34; H02J9/06; H02P9/04	HEAT AND ELECTRICITY COGENERATION SYSTEM EQUIPPED WITH POWER STORAGE DEVICE
US2011207005 A1 20110825	SCHABEL HANS-JOERG [DE]	US20070923979P 20070417; WO2008EP05137 20080625	H01M8/04	Fuel Cell System and Method for Operation of a Fuel Cell System
WO2011141340 A1 20111117	SCHAEFFLER TECHNOLOGIES GMBH [DE]; REISSBERGER STEFAN [DE]; MEYER-PITTRUFF FRANK [DE]; GOETZ MANFRED [DE]; BROMMER CHRISTIAN [DE]	DE201010020178 20100511	H01M8/02	METHOD FOR PRODUCING A METALLIC BIPOLAR PLATE, BIPOLAR PLATE AND FUEL CELL STACK AND METHOD FOR PRODUCING SAME
DE102010008286 A1 20110818	SCHOENROCK HENNING [DE]	DE201010008286 20100217	H01M8/04	Equipment for increasing output of commercial fuel cell using electromagnetic waves, has coil whose metallic windings are positioned at fuel cell and applied with high frequency alternating current voltages
JP2011168480 A 20110901	SCHOTT AG	EP20100001512 20100215; DE201010035251 20100824	C03C8/02; C03C8/04; C03C8/10; C03C8/12; C04B37/00; H01M8/02; H01M8/12; H01T13/34	HIGH-TEMPERATURE GLASS SOLDER AND ITS USE



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US8017366 B1 20110913	SCHUH ALLEN JOHN [US]; SCHUH PETER ALLEN [US]	US20090399323 20090306; US20080052023P 20080509; US20080051988P 20080509; US20080051149P 20080507; US20080050881P 20080506; US20080049301P 20080430	C05F11/08; C12N1/04; C12P1/04; C12P3/00; C12P5/00; C12P7/04; C12P21/00; H01M8/16	Self-contained biofuel production and water processing apparatus
EP2384842 A1 20111109	SCHWEISTECHNISCHE LEHR UND VERSUCHSANSTALT HALLE GMBH [DE]; ZIS INDUSTRIE TECHNIK GMBH [DE]	DE201010028593 20100505	B23K1/00; B23K1/005; B23K9/032; B23K26/20; B23K26/22; B23K26/24; B23K31/02; B23K37/02; B23Q9/00; B61B13/02; C04B37/00; H01M8/02	Device for weld seams running along spatial intersection curves which are extendible along a level for excessively heavy structural piping connections
JP2011140420 A 20110721	SEIKO INSTR INC	JP20100002398 20100107	C01B3/06; H01M8/06	HYDROGEN GENERATING APPARATUS AND FUEL CELL SYSTEM
JP2011165518 A 20110825	SEIKO INSTR INC	JP20100028096 20100210	H01M8/04; H01M8/00; H01M8/06; H01M8/10	FUEL CELL AND GAS MOVING METHOD
JP2011192556 A 20110929	SEIKO INSTR INC	JP20100058448 20100315	H01M8/24; H01M8/04	FUEL CELL

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JP2011210497 A 20111020	SEIKO INSTR INC	JP20100076375 20100329	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011211811 A 20111020	SEIKO INSTR INC	JP20100076360 20100329	H02J7/00; H01M8/00; H01M8/04; H02J9/06	POWER UNIT
JP2011211812 A 20111020	SEIKO INSTR INC	JP20100076374 20100329	H02M3/155; H01M8/00; H01M8/04	POWER UNIT
CN102237537 A 20111109	SEITZ EUGEN AG	EP20100405097 20100506	H01M8/04; H01M8/06	Quick-switching valve system, fuel tank system, method for producing a requested mass flow and use of a tank system
KR20110079951 A 20110712	SEJONG IND CO LTD [KR]	KR20100000064 20100104	H01M8/02; B05B15/00	NOZZLE ASSEMBLY AND HYDROGEN RECIRCULATON EJECTOR HAVING THE SAME
KR20110110542 A 20111007	SEJONG IND CO LTD [KR]	KR20100029914 20100401	H01M8/04; F04F5/46	NOZZLE ASSEMBLY AND HYDROGEN RECIRCULATON EJECTOR HAVING THE SAME
JP2011204448 A 20111013	SEKISUI CHEMICAL CO LTD	JP20100070150 20100325	H01M4/88; H01M4/86; H01M4/92; H01M8/02	ELECTRODE PASTE, ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL

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WO2011080336 A2 20110707	SGL CARBON SE; OETTINGER OSWIN; SCHMITT RAINER; BACHER JUERGEN; MECHEN SYLVIA; HUDLER BASTIAN	DE200910055444 20091231; DE200910055443 20091231; DE200910055442 20091231; DE200910055440 20091231; DE200910055441 20091231; DE201010002000 20100216; DE201010002434 20100226; DE201010002989 20100317; DE201010041085 20100920; DE201010041822 20100930; US201		GRAPHITE-CONTAINING MOULDED BODY AND METHOD FOR THE PRODUCTION THEREOF
CN102130352 A 20110720	SHANGHAI HORIZON FUEL CELL TECHNOLOGIES CO LTD	CN20101022899 20100118	H01M8/06; C01B3/02; H01M8/04	Hydrogen generator device
CN102244270 A 20111116	SHANGHAI KEYONG M & E EQUIPMENT CO LTD	CN20101171013 20100511	H01M4/86; H01M8/02	Bipolar plate for proton exchange membrane fuel cell
CN102244272 A 20111116	SHANGHAI KEYONG M & E EQUIPMENT CO LTD	CN20101171001 20100511	H01M4/88; H01M8/02	Manufacturing method of proton exchange membrane fuel cell bipolar plate
CN102136593 A 20110727	SHANGHAI LINYANGENERGY STORAGE TECHNOLOGY CO LTD	CN20111042055 20110222	H01M8/24; H01M8/02; H01M8/18	Fluid flow battery galvanic pile structure for feeding liquid by using insulating plate and fluid flow battery comprising same

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CN102136594 A 20110727	SHANGHAI LINYANGENERGY STORAGE TECHNOLOGY CO LTD; SHANGHAI LVSE ENVIRONMENTAL PROT ENERGY CO LTD	CN20111042156 20110222	H01M8/24; H01M8/02; H01M8/18	Double-power liquid stream battery electric pile structure and liquid stream battery containing electric pile
CN201903798U U 20110720	SHANGHAI MUNICIPAL ELEC POWER	CN20102667144U 20101220	G05D23/20; H01M8/04	Temperature monitoring device for vanadium flow battery
CN202004097U U 20111005	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO LTD	CN20112047990U 20110225	H01M8/02	Hydrogen flow field guiding plate capable of improving stability of fuel battery
JP2011146224 A 20110728	SHARP KK [JP]	JP20100005613 20100114	H01M8/02; H01M8/10; H01M8/24	FUEL CELL
JP2011175838 A 20110908	SHARP KK [JP]	JP20100038621 20100224	H01M8/02; H01M8/04; H01M8/24	UNIT CELL, COMPOUND UNIT CELL AND FUEL CELL STACK USING THEM
JP2011222348 A 20111104	SHARP KK [JP]	JP20100091241 20100412	H01M8/02; H01M8/04	FUEL CELL AND FUEL CELL STACK USING THE SAME
JP2011222349 A 20111104	SHARP KK [JP]	JP20100091245 20100412	H01M8/02; H01M8/04; H01M8/10	FUEL CELL AND FUEL CELL STACK USING THE SAME
JP2011228158 A 20111110	SHARP KK [JP]	JP20100097720 20100421	H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL STACK USING THE SAME
WO2011129139 A1 20111020	SHARP KK [JP]; MIZUHATA HIROTAKA; YOSHIE TOMOHISA; TAKENAKA SHINOBU; ONISHI TAKENORI; MURAOKA MASASHI	JP20100091244 20100412	H01M8/02; H01M4/86; H01M8/10	FILM ELECTRODE COMPOSITE BODY AND FUEL CELL USING SAME
CN102244212 A 20111116	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN20111136369 20110525	H01M2/08; H01M8/18; H01M8/24	Sealing method for galvanic pile of vanadium liquid flow battery and galvanic pile unit and galvanic pile of vanadium liquid flow battery

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JP2011187268 A 20110922	SHINETSU CHEMICAL CO	JP20100050200 20100308	H01M8/02; C08K3/36; C08L83/04; C08L83/05; C08L83/07; H01M8/10	ADHESIVE SEALING COMPOSITION FOR SOLID POLYMER ELECTROLYTE FUEL CELL SEPARATOR, SEPARATOR SEAL, AND SEPARATOR
JP2011159603 A 20110818	SHINETSU POLYMER CO	JP20100022733 20100204	H01M8/02	PROCESSING METHOD FOR FUEL-CELL SEPARATOR
JP2011253704 A 20111215	SHINETSU POLYMER CO	JP20100126560 20100602	H01M8/02	FUEL CELL SEPARATOR MANUFACTURING METHOD AND FUEL CELL SEPARATOR
JP2011154924 A 20110811	SHINMAYWA IND LTD; OF JAPANESE AEROSPACE CO INC SOC	JP20100016258 20100128	H01M8/04	FUEL CELL SYSTEM
AT532228T T 20111115	SHISHIAI KK [JP]	WO2004JP04101 20040324	H01M8/04; C09K5/00; C09K5/10	KÜHLFLUIDZUSAMMENSETZUNG FÜR BRENNSTOFFZELLE
AT523912T T 20110915	SHISHIAI KK [JP]; HONDA MOTOR CO LTD [JP]	WO2005JP03522 20050302	H01M8/04; C09K5/08	KÜHLMITTELZUSAMMENSETZUNG FÜR EINE BRENNSTOFFZELLE
JP2011187423 A 20110922	SHOWA DENKO KK [JP]	JP20100054708 20100311	H01M4/90; H01M4/86; H01M8/10	CATALYST LAYER FOR FUEL CELL AND APPLICATION THEREOF
JP2011195618 A 20111006	SHOWA DENKO KK [JP]	JP20100060861 20100317	C08L101/00; C08J3/20; C08K3/04; C08K3/38; H01B1/24; H01M8/02	METHOD FOR PREPARING ELECTROCONDUCTIVE RESIN COMPOSITION AND FUEL CELL SEPARATOR USING THE ELECTROCONDUCTIVE RESIN COMPOSITION
JP2011240242 A 20111201	SHOWA DENKO KK [JP]	JP20100114097 20100518	B01J27/24; H01M4/90; H01M8/02; H01M8/10	CATALYST, METHOD FOR PRODUCTION THEREOF, AND USE THEREOF

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WO2011099498 A1 20110818	SHOWA DENKO KK [JP]; HORIKITA MASAKI [JP]; LEE KUNCHAN [JP]; WAKIZAKA YASUAKI [JP]; OTA KENICHIRO [JP]	JP20100028026 20100210	H01M4/88; H01M4/90; H01M8/10	METHOD OF PRODUCING FUEL CELL ELECTRODE CATALYST AND USES THEREOF
WO2011099493 A1 20110818	SHOWA DENKO KK [JP]; LEE KUNCHAN [JP]; KONTA RYOKO [JP]; HORIKITA MASAKI [JP]; YU CHUNFU [JP]; WAKIZAKA YASUAKI [JP]; OTA KENICHIRO [JP]; MONDEN RYUJI [JP]; ICHIOKA KAZUNORI [JP]; SATO TAKASHI [JP]; IMAI TAKUYA [JP]	JP20110006192 20110114; JP20100251890 20101110; JP20100028025 20100210	H01M4/88; B01J27/24; B01J37/04; B01J37/08; C01B21/076; C01B21/082; H01M4/90; H01M8/10	METHOD OF PRODUCING FUEL CELL ELECTRODE CATALYST, METHOD OF PRODUCING TRANSITION METAL OXYCARBONITRIDE, FUEL CELL ELECTRODE CATALYST, AND USES OF SAME
CN102153827 A 20110817	SHUFANG YU	CN20081238077 20081208	C08L27/18; C08J5/22; C08K3/00; C08K7/02; H01M2/16; H01M8/02; H01M8/10	Fiber reinforced inorganic-substance doped perfluorinated proton exchange membrane
AT517446T T 20110815	SIEMENS AG [DE]	EP20050002307 20050203	H01M8/02	BRENNSTOFFZELLE
AT535956T T 20111215	SIEMENS AG [DE]	DE200610012403 20060317	H01M8/04; H01M8/10	VERFAHREN ZUR LOKALISIERUNG EINER MANGELHAFTEN BETRIEBSGASVERSORGUNG EINER BRENNSTOFFZELLE IN EINER BRENNSTOFFZELLENANORDNUNG
WO2011141063 A1 20111117	SIEMENS AG [DE]; FU RONGQIANG [SG]	WO2010EP56576 20100512	C02F1/469; H01M8/22	METHOD AND SYSTEM FOR DISPOSAL OF BRINE SOLUTION
WO2011092297 A2 20110804	SIEMENS AG [DE]; HEID OLIVER [DE]; HUGHES TIMOTHY [DE]; BEASLEY PAUL [GB]	DE201010006153 20100129	B64D27/24; H01M8/00; H01M8/22	ELECTRICALLY DRIVEN AIRCRAFT

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JP2011204684 A 20111013	SINANEN CO LTD; KURITA WATER IND LTD	JP20110080490 20110314	H01M8/04; F17C7/02; H01M8/06	FUEL CELL SYSTEM AND ASSEMBLING METHOD FOR THE FUEL CELL SYSTEM
US2011171543 A1 20110714	SMITH & NEPHEW [GB]	GB20080017041 20080917; WO2009GB51182 20090914	H01M8/16	POWER GENERATION
KR20110080446 A 20110713	SNU R&AMP DB FOUNDATION [KR]	KR20100000683 20100106	H01M8/02; C23C8/26; H01M8/10	BIPOLAR PLATE OF A FUEL CELL, METHOD OF MANUFACTURING A BIPOLAR PLATE OF A FUEL CELL AND FUEL CELL USING A BIPOLAR PLATE
KR20110140026 A 20111230	SNU R&AMP DB FOUNDATION [KR]	KR20100060200 20100624	H01M8/06; C01B3/02; C12P3/00; H01M8/10	BIO-REFORMED FORMIC ACID FUEL CELL CONVERTING FORMIC ACID TO ELECTRIC POWER
US2011281200 A1 20111117	SNU R&DB FOUNDATION [KR]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20100045480 20100514; KR20110020616 20110308	H01M8/10; C08G18/76; C08J5/22	COMPOUND AND COMPOSITION INCLUDING COMPOUND, WITH FUEL CELL, FUEL CELL ELECTRODE AND FUEL CELL ELECTROLYTE MEMBRANE USING SAME
US2011244345 A1 20111006	SOLIS HERRERA ARTURO [MX]	MX2005GT00006 20050609; WO2005MX00092 20051013	H01M8/06	Photoelectrochemical method of separating water into hydrogen and oxygen, using melanins or the analogues, precursors or derivatives thereof as the central electrolysing element
AT535038T T 20111215	SOLVAY [BE]	EP20040103145 20040702; WO2005EP53136 20050701	H01M8/10; B01D67/00; C08J5/22	FESTALKALI-BRENNSTOFFZELLE MIT IONENAUSTAUSCHMEMBRAN
CN102214835 A 20111012	SONY CORP [JP]	JP20100089554 20100408	H01M8/16; H01M4/86	Biofuel cell
CN102244280 A 20111116	SONY CORP [JP]	JP20100109234 20100511	H01M8/04; H01M8/16	Fuel analyzing method and fuel analyzing device for fuel cell, and fuel cell

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CN102244287 A 20111116	SONY CORP [JP]	JP20100109829 20100512	H01M8/24; H01M2/36	Fuel cell
CN102255097 A 20111123	SONY CORP [JP]	JP20100114139 20100518	H01M8/16; H01M8/02	Flexible fuel cell
JP2011152094 A 20110811	SONY CORP [JP]	JP20100016675 20100128	C12N9/02	METHOD FOR DESIGNING HEAT-RESISTANT TYROSINE-DEPENDENT OXIDATION-REDUCTION ENZYME AND HEAT-RESISTANT TYROSINE-DEPENDENT OXIDATION-REDUCTION ENZYME
JP2011181359 A 20110915	SONY CORP [JP]	JP20100044855 20100302	H01M4/88; H01M4/90; H01M4/92; H01M8/10	METHOD OF MANUFACTURING CATALYST, FUEL CELL WITH CATALYST CARRYING ELECTRODE, AND DEVICE WITH THE FUEL CELL
JP2011204420 A 20111013	SONY CORP [JP]	JP20100069489 20100325	H01M8/04; G01N27/327; G01N27/416; H01M4/90; H01M8/16	BIOFUEL CELL SYSTEM
JP2011210477 A 20111020	SONY CORP [JP]	JP20100075881 20100329	H01M8/16; H01M8/00; H01M8/04	BIOFUEL CELL AND ELECTRONIC EQUIPMENT
JP2011228195 A 20111110	SONY CORP [JP]	JP20100098531 20100422	H01M8/16; H01M4/96	FUEL CELL, METHOD FOR MANUFACTURING THE SAME, AND ELECTRONIC DEVICE
JP2011238541 A 20111124	SONY CORP [JP]	JP20100110788 20100513	H01M8/16; H01M8/04; H01M8/06	FUEL CELL
JP2011248509 A 20111208	SONY CORP [JP]	JP20100119356 20100525	G06K19/07; H01M8/00; H01M8/04; H01M8/16; H01M8/24	CARD WITH BUILT-IN FUEL CELL AND CARD INFORMATION PROCESSING SYSTEM



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JP2011258549 A 20111222	SONY CORP [JP]	JP20100110353 20100512; JP20110107447 20110512	H01M8/04; H01M8/16	FUEL CONTAINER FOR BIOFUEL CELL AND BIOFUEL CELL SYSTEM
US2011171542 A1 20110714	SONY CORP [JP]	US201113073477 20110328; JP20040168430 20040607; JP20050159092 20050531; US20070570113 20070313; WO2005JP10415 20050607	H01M8/16; H01M4/86; H01M8/06	FUEL CELL, ELECTRONIC DEVICE, MOVABLE BODY, POWER GENERATION SYSTEM, AND COGENERATION SYSTEM
US2011275009 A1 20111110	SONY CORP [JP]	US201113186957 20110720; JP20080279144 20081030; JP20090202426 20090902; JP20090245394 20091026; US201113124960 20110419; WO2009JP68578 20091029	H01M4/92; B01J23/42; B01J23/46; B01J23/89; H01M8/22	PLATINUM-CONTAINING CATALYST AND METHOD OF PRODUCING THE SAME, ELECTRODE AND ELECTROCHEMICAL DEVICE
WO2011142294 A1 20111117	SONY CORP [JP]; KUMITA HIDEYUKI [JP]; YAMAGUCHI DAISUKE [JP]; TOKITA YUICHI [JP]; FUJITA SHUJI [JP]	JP20100111186 20100513	C12N9/06; C12N15/09; H01M4/90; H01M8/16	RECOMBINANT BILIRUBIN OXIDASE AND PRODUCTION METHOD FOR SAME
WO2011126062 A1 20111013	SONY CORP [JP]; MITA HIROKI [JP]; NAKAGAWA TAKAAKI [JP]; TOKITA YUICHI [JP]; SAKAI HIDEKI [JP]; MATSUMOTO RYUHEI [JP]	JP20100088338 20100407	H01M8/04; H01M8/16	FUEL CELL

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WO2011155549 A1 20111215	SONY CORP [JP]; NAKAGAWA TAKAAKI [JP]; SAMUKAWA TSUNETOSHI [JP]; MITA HIROKI [JP]; SUGIYAMA TAIKI [JP]; MATSUMOTO RYUHEI [JP]; SAKAI HIDEKI [JP]	JP20100131572 20100609	H01M8/16; H01M4/90; H01M8/02	FUEL CELL
WO2011162027 A1 20111229	SONY CORP [JP]; SAMUKAWA TSUNETOSHI [JP]; SUGIYAMA TAIKI [JP]; SAKAI HIDEKI [JP]; TOKITA YUICHI [JP]	JP20100144829 20100625	H01M8/16; H01M4/96	BIOFUEL CELL
WO2011148767 A1 20111201	SONY CORP [JP]; YAMAGUCHI DAISUKE [JP]; SAMUKAWA TSUNETOSHI [JP]; FUJITA SHUJI [JP]; MITA HIROKI [JP]; NAKAGAWA TAKAAKI [JP]; TOKITA YUICHI [JP]	JP20100122258 20100528	H01M8/04; H01M8/16	FUEL-LEAKAGE-PREVENTING STRUCTURE AND BIO-FUEL CELL
CN102255098 A 20111123	SONY CORPORAITON [JP]	JP20100116287 20100520	H01M8/16; H01M2/02; H01M4/96; H01M8/02	Biofule cell
KR20110115409 A 20111021	SSANGYONG MATERIALS CORP [KR]; KOREA INST SCI & TECH [KR]	KR20100034899 20100415	H01M8/12; H01M8/04	CONNECTING MATERIAL FOR FUEL CELL
US2011244344 A1 20111006	ST MICROELECTRONICS SRL [IT]	IT2010MI00563 20100402	H01M8/06; B01J8/00; C01B3/02; F15D1/00	DEVICE FOR PRODUCING GASEOUS HYDROGEN, SYSTEM FOR PRODUCING ELECTRIC POWER, AND CORRESPONDING METHOD FOR PRODUCING GASEOUS HYDROGEN
US2011269044 A1 20111103	ST MICROELECTRONICS SRL [IT]	IT2010MI00760 20100430	H01M8/04; H01M8/22; H01M8/24	SYSTEM FOR GENERATING ELECTRIC POWER WITH MICRO FUEL CELLS AND CORRESPONDING PROCESS

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US2011190037 A1 20110804	ST MICROELECTRONICS TOURS SAS [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20100050626 20100129	H04M1/00; H01M8/04; H01M8/06	DEVICE COMPRISING A HYDROGEN-AIR OR METHANOL-AIR TYPE FUEL CELL
US2011300463 A1 20111208	STAXERA GMBH [DE]	US20100792293 20100602	H01M8/04; H01M8/24	CONTROL EQUIPMENT FOR INTENDING AN ACTUAL FUEL CONVERSION FOR A GAS CELL ARRANGEMENT PROCEDURE FOR THE DETERMINATION OF A FUEL CONVERSION OF A GAS CELL ARRANGEMENT AND GAS CELL ARRANGEMENT
KR20110120620 A 20111104	STX HEAVY IND CO LTD [KR]	KR20100040105 20100429	H01M8/06; C01B3/38	REFORMER HAVING SPIRAL REACTOR AND OPERATING METHOD USING THE SAME
KR20110120621 A 20111104	STX HEAVY IND CO LTD [KR]	KR20100040107 20100429	H01M8/06; C01B3/26	REFORMER AND OPERATING METHOD USING THE SAME
KR20110085148 A 20110727	STX METAL CO LTD [KR]	KR20100004764 20100119	B63H21/38; C01B3/02; H01M8/06	FUEL SUPPLY SYSTEM FOR FUEL CELL OF SHIP FOR SUBSTITUTING AUXILIARY ENGINE
KR20110085150 A 20110727	STX METAL CO LTD [KR]	KR20100004767 20100119	H01M8/04; B01D53/94	FLOW DISTRIBUTION PLATE FOR A EXHAUST GAS COMBUSTOR OF FUEL CELL
KR20110085154 A 20110727	STX METAL CO LTD [KR]	KR20100004771 20100119	H01M8/06; C01B3/02	U-SHAPED REFORMER FOR USING WITH INTEGRATED COMBUSTOR-REFORMER OF FUEL CELL
KR20110091298 A 20110811	STX METAL CO LTD [KR]	KR20100011065 20100205	H01M8/06; C01B3/26	FLOW DISTRIBUTION PLATE FOR A U- SHAPED REFORMER OF FUEL CELL
KR20110091304 A 20110811	STX METAL CO LTD [KR]	KR20100011073 20100205	F02G5/02; B63H21/38; C01B3/36; H01M8/06	AUXILIARY FUEL CELL SYSTEM USING WASTE HEAT OF MAIN ENGINE

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DE102010014890 A1 20111020	SUED CHEMIE AG [DE]	DE201010014890 20100414	B01D53/02; C10L3/10; H01M8/06	Apparatus for an adsorption of a fluid or fluid stream for desulfurization of a fluid fuel e.g. natural gas, comprises a container for receiving adsorbent material, two fluid line connectors, and a thermally-activated shut-off fluid
WO2011128363 A1 20111020	SUED CHEMIE AG [DE]; ANFANG HANS-GEORG [DE]; HAMEL CHRISTIAN [DE]; MODL NORBERT [DE]	DE201010014890 20100414; DE201020016522U 20100414; DE201020014363U 20100414	B01D53/04; H01M8/06	DEVICE FOR ADSORPTION TREATMENT OF A FLUID OR FLUID STREAM
AT525128T T 20111015	SUED CHEMIE INC [US]	US20030740076 20031218; WO2004US36299 20041029	B01J35/10; B01J23/06; B01J23/14; B01J23/16; B01J23/28; B01J23/38; B01J23/70; B01J29/06; B01J29/064; B01J29/12; B01J29/22; B01J29/74; C01B3/58; C07C1/04; C10K3/04; H01M8/06	SELEKTIVE METHANIZIERUNG VON KOHLENMONOXIDE IN EINEM WASSERSTOFFREICHEN BRENNSTOFF
WO2011125170 A1 20111013	SUGIMOTO YASUHIRO [JP]; TASHIMA DAISUKE [JP]	WO2010JP56211 20100406	H01M14/00; H01M8/16	MICROBIAL POWER GENERATION DEVICE AND POWER GENERATION METHOD FOR SAME

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JP2011233381 A 20111117	SUMINOE TEXTILE	JP20100103032 20100428	H01M8/04; B01D39/08; B01D39/14; B01D39/16; B01J20/18; B01J20/20; B01J20/22	FILTER UNIT FOR FUEL BATTERY
JP2011190237 A 20110929	SUMITOMO CHEMICAL CO [JP]	JP20090210147 20090911; JP20100034430 20100219; JP20100201758 20100909	C07C309/39; C07C303/22; C07C303/28; C07C309/73; C08G61/12; C08G75/23; H01B1/06; H01M8/02; H01M8/10	BIPHENYLTETRASULFONIC ACID COMPOUND, METHOD FOR PRODUCING THE SAME, POLYMER AND HIGH-MOLECULAR ELECTROLYTE
JP2011246618 A 20111208	SUMITOMO CHEMICAL CO [JP]	JP20100121478 20100527	C08G61/00; C08J5/22; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYARYLENE-BASED BLOCK COPOLYMER AND POLYMER ELECTROLYTE
JP2011249317 A 20111208	SUMITOMO CHEMICAL CO [JP]	JP20100102065 20100427; JP20110091170 20110415	H01M8/02; H01M4/88; H01M8/10	MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF MEMBRANE ELECTRODE ASSEMBLY, AND MEMBRANE ELECTRODE ASSEMBLY
JP2011249318 A 20111208	SUMITOMO CHEMICAL CO [JP]	JP20100102062 20100427; JP20110091172 20110415	H01M8/02; H01M4/88; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY MANUFACTURING METHOD AND MANUFACTURING APPARATUS AND MEMBRANE ELECTRODE ASSEMBLY

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WO2011152487 A1 20111208	SUMITOMO CHEMICAL CO [JP]; KOSHINO NOBUYOSHI [JP]; MATSUNAGA TADAFUMI [JP]	JP20100129140 20100604	C08G73/00; B01J31/28; B01J37/08; B01J37/34; H01M4/90; H01M8/10	MODIFIED AROMATIC AMINE, REDOX CATALYST, ELECTRODE CATALYST FOR FUEL CELL, AND FUEL CELL
WO2011145748 A1 20111124	SUMITOMO CHEMICAL CO [JP]; NAKAMURA TAISUKE [JP]	JP20100115134 20100519	C08G61/00; C08J5/22; H01B1/06; H01B13/00; H01M4/86; H01M8/02; H01M8/10	POLYARYLENE BLOCK COPOLYMER, PROCESS FOR PRODUCTION THEREOF, AND POLYMERIC ELECTROLYTE
JP2011210696 A 20111020	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100056441 20100312; JP20100203447 20100910	H01M8/18; H01M4/86; H01M4/90	REDOX FLOW BATTERY
JP2011233371 A 20111117	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100102747 20100427	H01M8/18	REDOX FLOW BATTERY
JP2011233372 A 20111117	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100102748 20100427	H01M8/18	REDOX FLOW BATTERY
JP2011233373 A 20111117	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100102749 20100427	H01M8/18	REDOX FLOW BATTERY
JP2011255283 A 20111222	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100130551 20100607	B01J19/08; H01M4/86; H01M8/02; H01M8/12	GAS DECOMPOSITION ELEMENT, AMMONIA DECOMPOSITION ELEMENT, POWER GENERATOR AND ELECTROCHEMICAL REACTOR
JP2011255284 A 20111222	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100130552 20100607	B01J19/08; B01D53/58; C25B9/00; H01M8/02; H01M8/06; H01M8/12	GAS DECOMPOSITION ELEMENT, AMMONIA DECOMPOSITION ELEMENT, POWER GENERATOR AND ELECTROCHEMICAL REACTOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011255285 A 20111222	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100130554 20100607	B01D53/58; B01D53/54; B01J19/08; H01M8/06; H01M8/10	GAS DECOMPOSITION SYSTEM
JP2011255332 A 20111222	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100133029 20100610	B01D53/58; B01J19/08; H01M8/02; H01M8/12	GAS DECOMPOSITION ELEMENT AND MANUFACTURING METHOD THEREOF
WO2011111254 A1 20110915	SUMITOMO ELECTRIC INDUSTRIES [JP]; DONG YONGRONG [CN]; SHIGEMATSU TOSHIO [JP]; KUMAMOTO TAKAHIRO [JP]; KUBATA MICHIRU [JP]	JP20100056443 20100312; JP20100056442 20100312; JP20100056441 20100312	H01M8/18; H01M8/02	REDOX FLOW BATTERY
WO2011111717 A1 20110915	SUMITOMO ELECTRIC INDUSTRIES [JP]; DONG YONGRONG [JP]; SHIGEMATSU TOSHIO [JP]; KUMAMOTO TAKAHIRO [JP]; KUBATA MICHIRU [JP]	JP20110049693 20110307; JP20110049692 20110307; JP20100203447 20100910; JP20100056443 20100312; JP20100056442 20100312; JP20100056441 20100312	H01M8/18	REDOX FLOW BATTERY
WO2011155421 A1 20111215	SUMITOMO ELECTRIC INDUSTRIES [JP]; HIRAIWA CHIHIRO [JP]; MAJIMA MASATOSHI [JP]; KUWABARA TETSUYA [JP]; AWAZU TOMOYUKI [JP]; UEDA TOSHIO [JP]; KURAMOTO TOSHIYUKI [JP]	JP20100130555 20100607	B01J19/08; B01D53/58; H01M8/02; H01M8/12	GAS-DECOMPOSING ELEMENT

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WO2011155422 A1 20111215	SUMITOMO ELECTRIC INDUSTRIES [JP]; HIRAIWA CHIHIRO [JP]; MAJIMA MASATOSHI [JP]; KUWABARA TETSUYA [JP]; AWAZU TOMOYUKI [JP]; UEDA TOSHIO [JP]; KURAMOTO TOSHIYUKI [JP]	JP20100133029 20100610; JP20100130551 20100607; JP20100130555 20100607	B01J19/08; B01D53/58; H01M8/02; H01M8/12	GAS DECOMPOSITION ELEMENT, AMMONIA DECOMPOSITION ELEMENT, POWER-GENERATING DEVICE, ELECTROCHEMICAL REACTION DEVICE, AND PROCESS FOR PRODUCTION OF GAS DECOMPOSITION ELEMENT
WO2011155423 A1 20111215	SUMITOMO ELECTRIC INDUSTRIES [JP]; HIRAIWA CHIHIRO [JP]; MAJIMA MASATOSHI [JP]; KUWABARA TETSUYA [JP]; KURAMOTO TOSHIYUKI [JP]; UEDA TOSHIO [JP]; AWAZU TOMOYUKI [JP]	JP20100130553 20100607; JP20100130552 20100607	B01J19/08; B01D53/58; H01M8/02; H01M8/12	GAS DECOMPOSITION ELEMENT, AMMONIA DECOMPOSITION ELEMENT, POWER-GENERATING DEVICE, AND ELECTROCHEMICAL REACTION DEVICE
WO2011129215 A1 20111020	SUMITOMO ELECTRIC INDUSTRIES [JP]; MAEDA SHUHEI [JP]; SUGAWARA JUN [JP]; HAYAMI HIROSHI [JP]	JP20100095236 20100416	H01M8/18; H01M8/02	BIPOLAR PLATE FOR REDOX FLOW BATTERY
WO2011136256 A1 20111103	SUMITOMO ELECTRIC INDUSTRIES [JP]; SHIGEMATSU TOSHIO [JP]; DONG YONGRONG [JP]; KUMAMOTO TAKAHIRO [JP]	JP20100102749 20100427; JP20100102748 20100427; JP20100102747 20100427	H01M8/18	REDOX FLOW BATTERY
JP2011241457 A 20111201	SUMITOMO ELECTRIC INDUSTRIES [JP]; TOYAMA SUMITOMO DENKO KK	JP20100116054 20100520	C22C1/08; C22C19/03; C22C27/04; H01G9/016; H01M4/66; H01M4/86; H01M8/02	HIGHLY CORROSION-RESISTANT METAL POROUS BODY



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JP2011190148 A 20110929	SUMITOMO OSAKA CEMENT CO LTD	JP20100057985 20100315	C01G25/00; C01G53/00; C04B35/00; C04B35/48; H01M4/86; H01M4/88; H01M8/12	COMPOSITE CERAMIC POWDER AND METHOD FOR PRODUCING THE SAME, AND SOLID OXIDE FUEL CELL
JP2011190149 A 20110929	SUMITOMO OSAKA CEMENT CO LTD	JP20100057986 20100315	C01G53/00; C01G25/00; C01G45/00; C04B35/50; C04B35/626; H01M4/86; H01M4/88; H01M8/12	COMPOSITE CERAMIC POWDER AND METHOD FOR PRODUCING THE SAME, AND SOLID OXIDE FUEL CELL
JP2011210589 A 20111020	SUMITOMO PRECISION PROD CO	JP20100077973 20100330	H01M8/02; C22C38/00; C22C38/54	CELL STACK FOR FUEL CELL
CN202004098U U 20111005	SUNRISE POWER CO LTD	CN20102630607U 20101129; CN20102661782U 20101215	H01M8/04	Hydrogen side liquid water discharge device for fuel cell module
CN202019022U U 20111026	SUNRISE POWER CO LTD	CN20112090180U 20110331	H01M8/02; H01M8/04	Seal friction piece for water spray lubrication of humid enthalpy conversion device of fuel battery
CN202019023U U 20111026	SUNRISE POWER CO LTD	CN20112090424U 20110331	H01M8/04	Humid enthalpy converting device of fuel cell
CN202019024U U 20111026	SUNRISE POWER CO LTD	CN20112092371U 20110331	H01M8/04	Humid enthalpy conversion device utilizing fuel cell cooling water to heat
CN202050020U U 20111123	SUNRISE POWER CO LTD	CN20112090642U 20110331	H01M8/04	Fuel cell humid enthalpy conversion device with electric heating wire
CN102195049 A 20110921	SUZHOU QINGJIE POWER SUPPLY TECHNOLOGY CO LTD	CN20101118209 20100305	H01M8/04	Novel high-efficiency fuel cell humidifier

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CN102195056 A 20110921	SUZHOU QINGJIE POWER SUPPLY TECHNOLOGY CO LTD	CN20101118216 20100305	H01M8/06; H01M8/04	Metal hydride hydrogen storage unit-carrying portable power supply with fuel cells
JP2011194339 A 20111006	SUZUKI MOTOR CORP [JP]	JP20100064967 20100319	B04C5/04; B04C9/00; H01M8/04	LIQUID CYCLONE FILTER APPARATUS AND DIRECT METHANOL TYPE FUEL CELL SYSTEM
JP2011215086 A 20111027	SUZUKI MOTOR CORP [JP]	JP20100085495 20100401	G01N29/02; G01N29/24; H01M8/04	LIQUID FUEL CONCENTRATION SENSOR
WO2011148927 A1 20111201	SUZUKI MOTOR CORP [JP]; OHTSUKA RYUJI [JP]; MATSUMOTO YOSHIMASA [JP]; OHTA TOHRU [JP]; IKEYA KENGO [JP]	JP20100122579 20100528	B60K13/04; B60K1/04; B60K8/00; B60K11/06; B60L11/18; H01M8/00; H01M8/10	EXHAUST SYSTEM FOR AIR-COOLED FUEL CELL VEHICLE
KR20110086160 A 20110727	SWEET POWER INC [CA]	US20050717504P 20050915	H01M8/16; H01M8/02	MICROBIAL FUEL CELL WITH FLEXIBLE SUBSTRATE AND MICRO-PILLAR STRUCTURE
JP2011142251 A 20110721	TABUCHI DENKI KK	JP20100002766 20100108	H05K1/02; H02M3/28	CIRCUIT COMPONENT MOUNTING STRUCTURE, AND MOUNTING SUBSTRATE THEREWITH
TW201122037 A 20110701	TAIWAN TEXTILE RES INST [TW]	TW20090144683 20091224	C08J5/22; H01M8/02	A proton exchange composite membrane and preparation thereof
JP2011192483 A 20110929	TDK CORP	JP20100056496 20100312	H01M8/02; C01G15/00; C01G25/00; H01M8/12	SOLID OXIDE FUEL CELL
JP2011192487 A 20110929	TDK CORP	JP20100056675 20100312	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2011241361 A 20111201	TEIJIN LTD	JP20100117351 20100521	C08J9/00; C08J9/28	POLYETHYLENE MICROPOROUS FILM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011256332 A 20111222	TEIJIN LTD	JP20100133894 20100611	C08J5/18; H01M8/02; H01M8/10	POLYESTER FILM FOR FUEL CELL
JP2011195361 A 20111006	TEIJIN LTD; TOKYO INST TECH; UNIV GUNMA; NISSHINBO HOLDINGS INC	JP20100062461 20100318	C01B31/02	CARBON MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011230099 A 20111117	TEIJIN LTD; TOKYO INST TECH; UNIV GUNMA; NISSHINBO HOLDINGS INC	JP20100105491 20100430	B01J23/745; B01J35/10; B01J37/08; H01M4/88; H01M4/90; H01M4/96; H01M8/10	CARBON CATALYST AND METHOD OF MANUFACTURING THE SAME
AU2011253687 A1 20111222	THERMOCHEM RECOVERY INTERNATIONAL INC	AU20110253687 20111125	B01J7/00; B01J8/18; C01B3/36; C10J3/46; C10J3/54; F27B15/00; F27B15/14; F27B15/16; H01M8/06	Fluid bed reactor having a pulse combustor-type heat transfer module
DE202011106778 U U1 20111205	THYSSENKRUPP VDM GMBH [DE]	DE201120106778U 20110621	C22C38/18; C22C38/12; C22C38/22; C22C38/26; H01M8/10	Hitzebeständige Eisen-Chrom-Aluminium- Legierung mit geringer Chromverdampfungsrate und erhöhter Warmfestigkeit
CN202042552U U 20111116	TINGZHI YUN	CN20112114559U 20110415	H01M8/02	Integral frame plate

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JP2011153384 A 20110811	TOHO TENAX CO LTD	JP20100014013 20100126	D01F9/12; C01B31/00; D04H1/42; D21H13/50; D21H15/02; H01M4/86; H01M4/88; H01M4/96	CARBON FIBER SHEET, AND METHOD FOR PRODUCING THE SAME
JP2011233329 A 20111117	TOIDA TSUTOMU; ITO AKIRA	JP20100101900 20100427	H01M8/06; B01D61/38	FUEL CELL POWER GENERATION SYSTEM INCORPORATING LIQUID MEMBRANE CO2 SEPARATION PROCESS
JP2011171111 A 20110901	TOKAI CARBON KK	JP20100033660 20100218	H01M8/02	MANUFACTURING METHOD OF SEPARATOR FOR FUEL CELL
JP2011216433 A 20111027	TOKAI CARBON KK	JP20100085870 20100402	H01M8/02	METHOD FOR MANUFACTURING SEPARATOR OF FUEL CELL
JP2011174615 A 20110908	TOKAI RUBBER IND LTD	JP20030373813 20031031; JP20110062305 20110322	F16L37/12; F02M37/00	QUICK CONNECTOR AND PIPING CONNECTION STRUCTURE
JP2011213767 A 20111027	TOKAI RUBBER IND LTD	JP20100080579 20100331	C09K3/10; H01M8/02	ADHESIVE SEALING MEMBER
JP2011249283 A 20111208	TOKAI RUBBER IND LTD	JP20100124258 20100531	H01M8/02; C08K5/057; C08K5/13; C08K5/14; C08K5/3492; C08K5/54; C08L9/02; C08L15/00; C08L23/08; C08L23/16; C08L61/06; C08L61/28	ADHESIVE SEAL MEMBER FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011190384 A 20110929	TOKUYAMA CORP [JP]	JP20100058962 20100316	C08J5/22; B01J47/12; C08F2/44; C08J7/04; H01B1/06; H01B13/00; H01M8/02; H01M8/10	ANION EXCHANGE MEMBRANE, TRANSITION METAL OXIDE PARTICLE, AND METHOD FOR PRODUCING THOSE
JP2011198535 A 20111006	TOKUYAMA CORP [JP]	JP20100062134 20100318	H01M8/06; H01M4/92; H01M8/02; H01M8/10	FUEL FOR POLYMER ELECTROLYTE FUEL CELL
JP2011216247 A 20111027	TOKUYAMA CORP [JP]	JP20100081496 20100331	H01M4/86; H01M8/04	ELECTROLYTE MATERIAL FOR CATALYST ELECTRODE LAYER, ELECTROLYTE MEMBRANE-CATALYST ELECTRODE LAYER ASSEMBLY, AND CATALYST ACTIVITY EVALUATION METHOD OF ELECTRODE CATALYST FOR FUEL CELL
WO2011115175 A1 20110922	TOKUYAMA CORP [JP]; CHIKASHIGE YOUHEI [JP]; YAMAGUCHI MASAO [JP]	JP20100058963 20100316	C08F8/30; H01B1/06; H01B13/00; H01M4/86; H01M8/10	SPARINGLY WATER-SOLUBLE ANION CONDUCTIVE RESIN
WO2011125717 A1 20111013	TOKUYAMA CORP [JP]; DAIKOKU YUSUKE [JP]; YAMAGUCHI MASAO [JP]; ISOMURA TAKENORI [JP]; FUKUTA KENJI [JP]	JP20100080897 20100331	H01M8/02; C08F2/00; C08F12/26; C08J5/22; H01B1/06; H01B13/00; H01M8/10	METHOD FOR PRODUCING DIAPHRAGM FOR SOLID POLYMER FUEL CELL

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JP2011144296 A 20110728	TOKYO GAS CO LTD [JP]	JP20100007489 20100115	C10L3/10; B01D53/02; B01J20/18; C01B39/06	ODORANT REMOVING ADSORBENT IN FUEL GAS UNDER HIGH DEW POINT CONDITION AND METHOD OF REMOVING ODORANT
JP2011146311 A 20110728	TOKYO GAS CO LTD [JP]	JP20100007615 20100116	H01M8/06; C01B3/38	STEAM REFORMING DEVICE WITH SEPARATED CO CONVERSION UNIT
JP2011148662 A 20110804	TOKYO GAS CO LTD [JP]	JP20100012638 20100122	C01B3/38; B01D53/02; B01D53/04; B01J20/02; B01J20/20; C10G25/00; C10G29/00	HIGH-ORDER DESULFURIZING APPARATUS AND HIGH-ORDER DESULFURIZING METHOD FOR RAW FUEL FED TO STEAM REFORMER
JP2011149433 A 20110804	TOKYO GAS CO LTD [JP]	JP20110039319 20110225	F02G5/04	COGENERATION SYSTEM AND OPERATION CONTROL METHOD FOR THE SAME
JP2011156485 A 20110818	TOKYO GAS CO LTD [JP]	JP20100020836 20100202	B01J7/02	EVAPORATION APPARATUS
JP2011178613 A 20110915	TOKYO GAS CO LTD [JP]	JP20100045053 20100302	C01B3/38; C01B3/48	MULTIPLE CYLINDRICAL STEAM REFORMER
JP2011233439 A 20111117	TOKYO GAS CO LTD [JP]; KYOCERA CORP; RINNAI KK; GASTAR CORP	JP20100104358 20100428	H01M8/04	OPERATION CONTROL METHOD AND SYSTEM FOR FUEL CELL
JP2011195350 A 20111006	TOKYO GAS CO LTD [JP]; NGK SPARK PLUG CO	JP20100061561 20100317	C01B3/38; B01D53/22; C01B3/56	APPARATUS FOR PRODUCING HYDROGEN

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2011118612 A1 20110929	TOKYO GAS CO LTD [JP]; SAIBU GAS CO [JP]; UNIV KYUSHU NAT UNIV CORP [JP]; YASUDA ISAMU [JP]; SEO ATSUKO [JP]; NAKAZATO NAOTO [JP]; GOMI YASUSHIRO [JP]; SHINKAI HIDETOSHI [JP]; TOYODA YASUHIRO [JP]; ARIURA SEIJI [JP]; SASAKI KAZUNARI [JP]; NODA SHIUN [JP]	JP20100067452 20100324	H01M8/04; H01M8/10	METHOD AND SYSTEM FOR PROTECTING FUEL CELL
JP2011204632 A 20111013	TOKYO INST TECH	JP20100073408 20100326	H01B1/06; C01F17/00; C04B35/50; H01B13/00	HYDRIDE ION CONDUCTOR AND METHOD OF MANUFACTURING THE SAME
JP2011154787 A 20110811	TOKYO INST TECH; MITSUBISHI CHEM CORP	JP20100013817 20100126	H01M4/88; H01M8/02; H01M8/06; H01M8/12	MANUFACTURING METHOD OF ELECTRODE FOR SOLID ELECTROLYTE FUEL CELL AND SOLID ELECTROLYTE FUEL CELL MANUFACTURED BY THIS MANUFACTURING METHOD
JP2011169175 A 20110901	TOKYO INST TECH; MITSUBISHI CHEM CORP	JP20100031851 20100216	F01N3/02; B03C3/155; F02D45/00; H01M8/06; H01M8/12	EXHAUST EMISSION CONTROL SYSTEM
JP2011169176 A 20110901	TOKYO INST TECH; MITSUBISHI CHEM CORP	JP20100031856 20100216	F01N3/02; B01J19/08; B04C5/22; B04C9/00; B04C11/00; H01M8/06; H01M8/12	EXHAUST EMISSION CONTROL SYSTEM

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JP2011171021 A 20110901	TOKYO INST TECH; MITSUBISHI CHEM CORP	JP20100031858 20100216	H01M8/06; C10L5/00; H01M8/04; H01M8/12	POWER GENERATION METHOD OF SOLID OXIDE FUEL CELL
JP2011255302 A 20111222	TOKYO INST TECH; MITSUBISHI GAS CHEMICAL CO	JP20100131375 20100608	B01J31/10; B01J23/89; H01M4/86; H01M4/88; H01M8/02; H01M8/10	FILM CATALYST UNIT, AND METHOD FOR MANUFACTURING HYDROGEN PEROXIDE USING THE SAME
JP2011162580 A 20110825	TOKYO INST TECH; TOPPAN PRINTING CO LTD	JP20100023254 20100204	C08G61/00; H01B1/06; H01B13/00; H01M8/02; H01M8/10; H01M10/0565	NEW POLYMERIC IONIC CONDUCTOR, AND METHOD FOR PRODUCING THE SAME, AS WELL AS POLYMER ELECTROLYTE USING THE SAME, POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
CN102170001 A 20110831	TOPLUS ENERGY CORP	CN20101122902 20100226	H01M8/00; H01M2/08; H01M2/34	Electric energy supply device
TW201128835 A 20110816	TOPLUS ENERGY CORP [TW]	TW20100104623 20100212	H01M2/02; H01M8/02	Electricity supply device
JP2011195469 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100061284 20100317	C07C309/42; C07C303/08; C07C303/22	CROSSLINKING AGENT AND METHOD FOR PRODUCING THE SAME
JP2011198501 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100061004 20100317	H01M4/88; H01M4/86; H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL, MEMBRANE- ELECTRODE ASSEMBLY, ELECTRODE CATALYST LAYER, AND METHOD FOR MANUFACTURING THE SAME



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2011198502 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100061005 20100317	H01M4/88; H01M8/02; H01M8/10	MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL AND MEMBRANE ELECTRODE ASSEMBLY USING IT, FUEL CELL SINGLE CELL, FUEL CELL STACK
JP2011198503 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100061006 20100317	H01M4/86; H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL AND ITS MANUFACTURING METHOD, FUEL CELL SINGLE CELL USING IT, FUEL CELL STACK
JP2011198603 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100063883 20100319	H01M8/02	SOLID POLYMER ELECTROLYTE MEMBRANE AND ITS MANUFACTURING METHOD, AND MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME AS WELL AS FUEL CELL
JP2011198681 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100066146 20100323	H01M8/02; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL, METHOD FOR MANUFACTURING OF MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
JP2011198682 A 20111006	TOPPAN PRINTING CO LTD [JP]	JP20100066147 20100323	H01M8/02; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, METHOD FOR MANUFACTURING OF MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
JP2011204425 A 20111013	TOPPAN PRINTING CO LTD [JP]	JP20100069575 20100325	H01M8/02	SEPARATOR FOR FUEL CELL, AND METHOD FOR MANUFACTURING THE SAME
JP2011204586 A 20111013	TOPPAN PRINTING CO LTD [JP]	JP20100072822 20100326	H01M8/02	SEPARATOR FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME

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JP2011204605 A 20111013	TOPPAN PRINTING CO LTD [JP]	JP20100073071 20100326	H01M4/86; H01M8/02; H01M8/10	ELECTRODE CATALYTIC LAYER FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL COMPRISING THE ELECTRODE CATALYTIC LAYER, FUEL CELL COMPRISING THE MEMBRANE ELECTRODE ASSEMBLY, AND METHOD OF MANUFACTURING THE ELECTRODE CATALYTIC LAYER FOR FUEL CELL
JP2011204606 A 20111013	TOPPAN PRINTING CO LTD [JP]	JP20100073072 20100326	H01M4/86; H01M4/88; H01M8/10	ELECTRODE CATALYTIC LAYER FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL COMPRISING THE ELECTRODE CATALYTIC LAYER, FUEL CELL COMPRISING THE MEMBRANE ELECTRODE ASSEMBLY, AND METHOD OF MANUFACTURING THE ELECTRODE CATALYTIC LAYER FOR FUEL CELL
JP2011210563 A 20111020	TOPPAN PRINTING CO LTD [JP]	JP20100077625 20100330	H01M4/86; H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, AND METHOD OF MANUFACTURING THE SAME
JP2011216264 A 20111027	TOPPAN PRINTING CO LTD [JP]	JP20100082203 20100331	H01M8/02; H01B1/06; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE, SOLID POLYMER ELECTROLYTE MEMBRANE ELECTRODE ASSEMBLY, SOLID POLYMER ELECTROLYTE MEMBRANE FUEL CELL, AND METHOD OF MANUFACTURING SOLID POLYMER ELECTROLYTE MEMBRANE
JP2011228006 A 20111110	TOPPAN PRINTING CO LTD [JP]	JP20100093861 20100415	H01M4/88; H01M4/86; H01M8/02; H01M8/10	CATALYST INK FOR FUEL CELL, MANUFACTURING METHOD THEREOF, CATALYST ELECTRODE MANUFACTURED USING THE SAME, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL

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JP2011228007 A 20111110	TOPPAN PRINTING CO LTD [JP]	JP20100093862 20100415	H01M4/88; H01M4/86; H01M8/02; H01M8/10	CATALYST INK FOR FUEL CELL, MANUFACTURING METHOD THEREOF, CATALYST ELECTRODE MANUFACTURED USING THE SAME, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
WO2011118244 A1 20110929	TOPPAN PRINTING CO LTD [JP]; HABA YASUHIRO [JP]	JP20100073070 20100326	H01M4/88; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL MEMBRANE ELECTRODE ASSEMBLY AND APPARATUS FOR MANUFACTURING FUEL CELL MEMBRANE ELECTRODE ASSEMBLY
WO2011114904 A1 20110922	TOPPAN PRINTING CO LTD [JP]; KISHI KATSUYUKI [JP]	JP20100057368 20100315	H01M4/88	SLURRY FOR ELECTRODE CATALYST LAYER OF FUEL CELL, ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
WO2011111419 A1 20110915	TOPPAN PRINTING CO LTD [JP]; KIUCHI SHUJI [JP]	JP20100217811 20100928; JP20100050339 20100308	H01M8/02; H01M4/88; H01M8/10	APPARATUS FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
WO2011114783 A1 20110922	TOPPAN PRINTING CO LTD [JP]; OKADA SAORI [JP]; KURATA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OOTA KENICHIRO [JP]	JP20100058911 20100316	H01M4/90; B01J27/24; H01M4/88; H01M8/10	PROCESS FOR PRODUCTION OF CATHODE CATALYST LAYER FOR FUEL CELL, CATHODE CATALYST LAYER, AND MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL
AT522001T T 20110915	TOPSOE FUEL CELL AS [DK]	DK20020000472 20020327	H01M8/02; H01M8/12; C23F1/02; H01M8/24	FESTOXID-BRENNSTOFFZELLE IN DÜNN SCHICHTTECHNIK (SOFC) UND VERFAHREN ZU IHRER HERSTELLUNG
WO2011116794 A1 20110929	TOPSOE FUEL CELL AS [DK]; LARSEN JOERGEN GUTZO [DK]; FREDERIKSEN CASPAR BUCHHOLT [DK]; DANOE SUNE DEMUTH [DK]; FRANDSEN HENRIK LUND [DK]	WO2010EP01938 20100326	H01M8/02; C25B1/04; H01M8/12; H01M8/24	REDUCTION OF THERMO MECHANICAL TENSIONS IN A SOLID OXIDE FUEL CELL ELECTROLYSES CELL STACK

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WO2011137916 A1 20111110	TOPSOE FUEL CELL AS [DK]; UNIV DENMARK TECH DTU [DK]; NEDERGAARD CLAUSEN THOMAS [DK]; ROSTRUP-NIELSEN THOMAS [DK]; GOTTRUP BARFOD RASMUS [DK]; VANG HENDRIKSEN PETER [DK]; HJELM JOHAN [SE]; JACOBSEN JOACHIM [DK]; BOEGILD HANSEN JOHN [DK]	WO2010EP02765 20100505	H01M8/04; H01M8/12	PROCESS FOR OPERATING A HIGH TEMPERATURE FUEL CELL STACK
AT535495T T 20111215	TOPSOE HALDOR AS [DK]	US19990143953P 19990715	C01B3/38; C10G11/10; H01M8/06	VERFAHREN ZUR KATALYTISCHEN DAMPFREFORMIERUNG EINES KOHLENWASSERSTOFFEINSATZES
WO2011157351 A1 20111222	TOPSOEE FUEL CELL AS [DK]; NIELSEN MARTIN REFSLUND [DK]; CLAUSEN THOMAS NEDERGAARD [DK]	DK20100000532 20100617	H01M8/24; H01M8/02	FORCE DISTRIBUTOR FOR A FUEL CELL STACK OR AN ELECTROLYSIS CELL STACK
JP2011132388 A 20110707	TORAY INDUSTRIES	JP20090293883 20091225	C08J5/22; C08G65/42; H01B13/00	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE
JP2011146373 A 20110728	TORAY INDUSTRIES	JP20090285881 20091217; JP20100277565 20101214	H01M4/88	MANUFACTURING METHOD OF GAS DIFFUSION ELECTRODE BASE MATERIAL
JP2011181423 A 20110915	TORAY INDUSTRIES	JP20100046149 20100303	H01B1/06; C08G65/48; H01M4/86; H01M8/02; H01M8/10	POLYMER ELECTROLYTE MATERIAL, AND POLYMER ELECTROLYTE FUEL CELL USING THE SAME
JP2011195374 A 20111006	TORAY INDUSTRIES	JP20100063419 20100319	C01B31/02; H01M4/96	POROUS CARBON SHEET AND METHOD FOR PRODUCING THE SAME

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JP2011222499 A 20111104	TORAY INDUSTRIES	JP20100065639 20100323; JP20110062343 20110322	H01M8/02; H01B1/06; H01B13/00; H01M8/10	COMPOSITE POLYMER ELECTROLYTE MEMBRANE, MANUFACTURING METHOD OF THE SAME, AND MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY
JP2011230387 A 20111117	TORAY INDUSTRIES	JP20100103199 20100428	B32B27/00; H01M4/88; H01M8/02; H01M8/10	LAMINATE
JP2011246695 A 20111208	TORAY INDUSTRIES	JP20100101681 20100427; JP20110092638 20110419	C08J5/18; H01B1/06; H01B13/00; H01M8/02; H01M8/10	COMPOSITE POLYMER ELECTROLYTE MEMBRANE AND METHOD FOR PRODUCING THE SAME
JP2011134600 A 20110707	TOSHIBA CORP	JP20090293266 20091224	H01M4/86; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2011138786 A 20110714	TOSHIBA CORP	JP20110026399 20110209	H01M8/02; C08F8/36; C08F212/14; C08F212/36; C08F226/06; H01M8/10	MEMBRANE ELECTRODE COMPOSITE, FUEL CELL USING THE SAME, AND METHOD FOR OPERATING THE FUEL CELL
JP2011172416 A 20110901	TOSHIBA CORP	JP20100035032 20100219	H02J7/00; H01M8/00; H01M8/04; H01M10/46; H02J17/00	CHARGER, ELECTRONIC APPARATUS, AND HOUSING CASE

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JP2011181489 A 20110915	TOSHIBA CORP	JP20100024689 20100205; JP20100173136 20100730	H01M8/06; B01D53/14; B01J20/06; B01J20/34; H01M8/10; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
JP2011192400 A 20110929	TOSHIBA CORP	JP20100054911 20100311	H01M8/04; H01M8/10; H05K1/02	FUEL CELL
JP2011210420 A 20111020	TOSHIBA CORP	JP20100074873 20100329	H01M4/86; C25B11/06; H01M8/12	ELECTROCHEMICAL CELL
JP2011238409 A 20111124	TOSHIBA CORP	JP20100107593 20100507	H01M8/02; H01M8/10	FUEL CELL
JP2011159473 A 20110818	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20100019522 20100129	H01M8/24	FUEL CELL
JP2011171026 A 20110901	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20100031978 20100217	H01M8/24	FUEL CELL
JP2011198533 A 20111006	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20100061971 20100318	H01M8/06; H01M8/04	FUEL CELL SYSTEM, AND OPERATION METHOD THEREOF
JP2011258496 A 20111222	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20100133743 20100611	H01M8/04	FUEL CELL SYSTEM
JP2011165373 A 20110825	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100024014 20100205	H01M8/04; H01M8/06	WATER TREATMENT SYSTEM FOR FUEL CELL
JP2011178619 A 20110915	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100045250 20100302	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND METHOD OF STARTING-UP THE SAME, AND FUEL CELL SYSTEM AND METHOD OF STARTING-UP THE SAME
JP2011181377 A 20110915	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100045249 20100302	H01M8/04; H01M8/00; H02J3/38; H02M7/48	FUEL CELL SYSTEM

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JP2011204517 A 20111013	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100071585 20100326	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION SYSTEM, AND OPERATION METHOD THEREOF
JP2011204624 A 20111013	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100073342 20100326	H01M4/88; H01M8/10	MANUFACTURING METHOD OF ELECTRODE CATALYST LAYER FOR FUEL CELL, AND FUEL CELL
JP2011216355 A 20111027	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100083875 20100331	H01M8/04	DEVICE AND METHOD FOR TESTING FUEL BATTERY POWER-GENERATING SYSTEM
JP2011222526 A 20111104	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20110141610 20110627	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK
JP2011247507 A 20111208	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20100121955 20100527	F24H1/00; H01M8/00; H01M8/04	COGENERATION SYSTEM, AND METHOD FOR CONTROL OF HEAT RECOVERY
US2011223497 A1 20110915	TOSHIBA KK [JP]	US201113092551 20110422; JP20040145187 20040514; US20060595973 20061113; WO2005JP08713 20050512	H01M8/06; H01M8/04; H01M8/10	FUEL CELL
WO2011125094 A1 20111013	TOSHIBA KK [JP]; TAMURA JUN; NAKANO YOSHIHIKO; YAMAZAKI MUTSUKI	WO2010JP02441 20100402	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
WO2011138927 A1 20111110	TOSHIBA KK [JP]; YOSHIDA YUICHI [JP]; HASEBE HIROYUKI [JP]; NEGISHI NOBUYASU [JP]; OOUZU HIDEYUKI [JP]; IWAMURA NAOKI [JP]; KAN HIROFUMI [JP]; CHIGUSA HISASHI [JP]	JP20100275404 20101210; JP20100107593 20100507	H01M8/02; H01M8/04; H01M8/10	FUEL CELL

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JP2011228288 A 20111110	TOSOH CORP	JP20100074750 20100329; JP20110068536 20110325	H01M8/02; C08G77/50; C08J5/18; C08J9/26; H01B1/06; H01B13/00; H01M4/86; H01M8/10	PROTON CONDUCTING FILM, AND FUEL BATTERY USING THE SAME
JP2011146366 A 20110728	TOTO LTD [JP]	JP20090285590 20091216; JP20100207010 20100915	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2011165508 A 20110825	TOTO LTD [JP]	JP20100027883 20100210	H01M8/24	FUEL BATTERY
JP2011171046 A 20110901	TOTO LTD [JP]	JP20100032333 20100217	H01M8/04; H01M8/06	FUEL CELL APPARATUS
JP2011175816 A 20110908	TOTO LTD [JP]	JP20100038202 20100224	H01M8/04; C01B3/38; G01F3/22; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2011175946 A 20110908	TOTO LTD [JP]	JP20100041172 20100226	H01M8/04; H01M8/12	FUEL CELL DEVICE
JP2011187233 A 20110922	TOTO LTD [JP]	JP20100049575 20100305	H01M8/24	FUEL CELL
JP2011198589 A 20111006	TOTO LTD [JP]	JP20100063650 20100319	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2011204620 A 20111013	TOTO LTD [JP]	JP20100073227 20100326	H01M8/06; C01B3/38; H01M8/04	FUEL CELL MODULE
JP2011204621 A 20111013	TOTO LTD [JP]	JP20100073228 20100326	H01M8/24; H01M8/02	CELL ASSEMBLY UNIT AND FUEL CELL EQUIPPED THEREWITH
JP2011210630 A 20111020	TOTO LTD [JP]	JP20100078730 20100330	H01M8/24; H01M8/12	FUEL BATTERY CELL ASSEMBLY



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JP2011210631 A 20111020	TOTO LTD [JP]	JP20100078731 20100330	H01M8/24; C01B3/38; H01M8/06	FUEL CELL MODULE
JP2011210632 A 20111020	TOTO LTD [JP]	JP20100078732 20100330	H01M8/02; H01M8/24	CELL ASSEMBLY OF FUEL CELL
JP2011210633 A 20111020	TOTO LTD [JP]	JP20100078736 20100330	H01M8/24; H01M8/02	FUEL BATTERY CELL ASSEMBLY
JP2011216282 A 20111027	TOTO LTD [JP]	JP20100082591 20100331	H01M8/24	FUEL BATTERY CELL AGGREGATE
JP2011216283 A 20111027	TOTO LTD [JP]	JP20100082592 20100331	H01M8/06; C01B3/38	FUEL CELL MODULE
JP2011228270 A 20111110	TOTO LTD [JP]	JP20100083119 20100331; JP20110044118 20110301	H01M4/86; H01M8/12	AIR ELECTRODE MATERIAL AND SOLID OXIDE FUEL CELL
JP2011228271 A 20111110	TOTO LTD [JP]	JP20100083120 20100331; JP20110044119 20110301	H01M4/86; H01M8/02; H01M8/12	AIR ELECTRODE MATERIAL AND SOLID OXIDE FUEL CELL
JP2011253831 A 20111215	TOTO LTD [JP]	JP20110205110 20110920	H01M8/04; H01M8/06; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP4753058B1 B1 20110817	TOTO LTD [JP]	JP20100048936 20100305	H01M8/04; H01M8/06; H01M8/12	SOLID ELECTROLYTE FUEL CELL
WO2011102290 A1 20110825	TOTO LTD [JP]; OTSUKA TOSHIHARU [JP]; TSUCHIYA KATSUHISA [JP]; SHIGEZUMI TSUKASA [JP]; NAKANO KIYOTAKA [JP]; OOE TOSHIHARU [JP]; MATSUO TAKUYA [JP]	JP20100030946 20100216	H01M8/04; H01M8/12	FUEL CELL SYSTEM

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JP2011225737 A 20111110	TOYO BOSEKI	JP20100097769 20100421	C08G81/00; H01B1/06; H01M8/02; H01M8/10	NOVEL ION CONDUCTIVE BLOCK COPOLYMER AND APPLICATION OF THE SAME
JP2011225738 A 20111110	TOYO BOSEKI	JP20100097770 20100421	C08G65/40; C08G75/23; H01B1/06; H01B1/12; H01M8/02; H01M8/10	NOVEL PROTON CONDUCTIVE POLYMER AND APPLICATION OF THE SAME
JP2011241299 A 20111201	TOYO BOSEKI	JP20100114557 20100518	C08G81/00; H01B1/06; H01M8/02; H01M8/10	BLOCK COPOLYMER, AND PROTON-EXCHANGE MEMBRANE FOR FUEL CELL USING THE COPOLYMER
JP2011253753 A 20111215	TOYO BOSEKI	JP20100127643 20100603	H01M8/02; H01M4/86; H01M8/10	POLYMER SOLID ELECTROLYTIC FILM STACK
CN102130350 A 20110720	TOYO SEIKAN KAISHA LTD; TOSHIBA KK	JP20050177376 20050617	H01M8/04	Methanol fuel cell cartridge
WO2011099399 A1 20110818	TOYOTA AUTO BODY CO LTD [JP]; KAWAJIRI KOUSUKE [JP]; HASHIMOTO KEIJI [JP]; FUTAMI SATOSHI [JP]	JP20100028958 20100212	H01M8/02	FUEL CELL
WO2011089801 A1 20110728	TOYOTA AUTO BODY CO LTD [JP]; KAWAJIRI KOUSUKE [JP]; HASHIMOTO KEIJI [JP]; FUTAMI SATOSHI [JP]; HAYASHI TOMOKAZU [JP]	JP20100008854 20100119	H01M8/02	FUEL BATTERY

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JP2011140605 A 20110721	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR CORP	JP20100003369 20100108	C08F234/02; C08F8/34; C08F224/00; H01B1/06; H01B1/12; H01B13/00; H01M4/86	HIGH OXYGEN-PERMEABLE ELECTROLYTE, METHOD FOR PRODUCING THE SAME, AND SULFONIMIDE MONOMER
JP2011153459 A 20110811	TOYOTA HOME KK	JP20100015557 20100127	E04B2/56; E04F19/08; H01M2/10; H01M10/42; H01M10/48; H01M10/50	POWER STORAGE CASE AND POWER STORAGE SYSTEM
JP2011146351 A 20110728	TOYOTA IND CORP	JP20100008409 20100118	H01M8/06; B60L11/18; H01M8/00; H01M8/04	FUEL-CELL SYSTEM
JP2011249030 A 20111208	TOYOTA IND CORP	JP20100118238 20100524	H01M8/06; H01M8/00; H01M8/04	FUEL CELL SYSTEM
CA2732389 A1 20111225	TOYOTA MOTOR CO LTD [JP]	WO2010JP04238 20100625	H01M8/02; G05F1/10	FUEL CELL SYSTEM
CA2740221 A1 20111127	TOYOTA MOTOR CO LTD [JP]	WO2010JP03575 20100527	H01M8/04; B60L11/18	FUEL CELL SYSTEM
CA2772173 A1 20111020	TOYOTA MOTOR CO LTD [JP]	JP20100091874 20100413; WO2011B00816 20110413	H01M8/10; H01M4/88	MEMBRANE ELECTRODE ASSEMBLY, METHOD OF MANUFACTURE THEREOF, AND FUEL CELL

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DE112005000891 B4 20110721	TOYOTA MOTOR CO LTD [JP]	JP20040127604 20040423; WO2005JP06543 20050328	H01M4/86; H01M4/88; H01M4/92; H01M4/94; H01M8/02; H01M8/10; H01M8/12	Brennstoffzellenkathode und Verwendung
EP2375483 A2 20111012	TOYOTA MOTOR CO LTD [JP]	EP20050703682 20050111; JP20040005955 20040113	H01M8/04; B60L11/18; C09K5/02; C09K5/06; C09K5/08; C09K5/10	Coolant and cooling system
US2011177416 A1 20110721	TOYOTA MOTOR CO LTD [JP]	JP20100009718 20100120	H01M8/04	COOLING SYSTEM
US2011195320 A1 20110811	TOYOTA MOTOR CO LTD [JP]	WO2009JP50546 20090116	H01M12/06; H01M8/00	AIR SECONDARY BATTERY AND METHOD FOR PRODUCING THE SAME
US2011200891 A1 20110818	TOYOTA MOTOR CO LTD [JP]	WO2008JP69761 20081030	H01M12/06; H01M8/00	METAL-AIR BATTERY AND METHOD FOR MANUFACTURING THE METAL-AIR BATTERY
US2011200892 A1 20110818	TOYOTA MOTOR CO LTD [JP]	WO2008JP71543 20081127	H01M12/08; B05D5/12; H01M8/00	AIR SECONDARY BATTERY
US2011269056 A1 20111103	TOYOTA MOTOR CO LTD [JP]	WO2009JP51179 20090126	H01M4/96; H01M8/10	AIR BATTERY
US2011287329 A1 20111124	TOYOTA MOTOR CO LTD [JP]	WO2009JP54262 20090306	H01M8/22	AIR BATTERY
US2011294021 A1 20111201	TOYOTA MOTOR CO LTD [JP]	JP20100119247 20100525	H01M12/06; H01M8/00; H01M10/04	AQUEOUS ELECTROLYTE BATTERY AND MANUFACTURING METHOD OF AQUEOUS ELECTROLYTE BATTERY
US2011300456 A1 20111208	TOYOTA MOTOR CO LTD [JP]	WO2009JP52852 20090219	H01M8/22; H01M2/02	AIR BATTERY

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US2011305974 A1 20111215	TOYOTA MOTOR CO LTD [JP]	WO2009JP54296 20090306	H01M8/22; H01M4/64	AIR CATHODE AND NONAQUEOUS AIR BATTERY
USRE42720E E1 20110920	TOYOTA MOTOR CO LTD [JP]	US20060545821 20061011; JP20010171442 20010606; JP20010172121 20010607; JP20010175510 20010611; US20020158906 20020603	H01M2/20; H01M8/24	Fuel cell mounting structure
WO2011108317 A1 20110909	TOYOTA MOTOR CO LTD [JP]; AISIN SEIKI [JP]; MASUI TAKATOSHI [JP]	JP20100044708 20100301	H01M8/04	FUEL CELL SYSTEM, FUEL CELL CONTROL METHOD, AND FUEL CELL DETERMINATION METHOD
WO2011125196 A1 20111013	TOYOTA MOTOR CO LTD [JP]; ARAI TATSUYA [JP]; TAKEHIRO NAOKI [JP]; IIO ATSUO [JP]; SEKIZAWA KOSHI [JP]; KIMURA HIROKO [JP]	WO2010JP56334 20100407	H01M4/86; H01M8/10	FUEL CELL
WO2011149817 A1 20111201	TOYOTA MOTOR CO LTD [JP]; HAMADA SHIGETAKA [JP]; DARLING ROBERT M [US]; KANDOI SHAMPA [US]	US20100801239 20100528	H01M8/04	METHOD AND APPARATUS FOR CONTROLLING THE OPERATION OF A FUEL CELL
WO2011128760 A2 20111020	TOYOTA MOTOR CO LTD [JP]; HASEGAWA SHIGEKI [JP]; SHINOZAKI YOSHIHIRO [JP]; IMANISHI MASAHIRO [JP]; SANO SEIJI [JP]	JP20100091928 20100413	H01M4/86; H01M4/88; H01M8/10	METHOD OF MANUFACTURING FUEL CELL
WO2011121410 A2 20111006	TOYOTA MOTOR CO LTD [JP]; HASEGAWA TAKAHIKO [JP]; KITAMURA NOBUYUKI [JP]	JP20100085697 20100402	H01M8/04	FUEL CELL SYSTEM
WO2011108022 A1 20110909	TOYOTA MOTOR CO LTD [JP]; HAYASHI TOMOKAZU [JP]	WO2010JP01399 20100302	H01M8/02; H01M8/10	FUEL CELL
WO2011132216 A1 20111027	TOYOTA MOTOR CO LTD [JP]; HOTTA YUTAKA [JP]	WO2010JP02834 20100420	H01M8/04; H01M8/10	TERMINAL DEVICE FOR MEASUREMENT OF CELL VOLTAGE OF A FUEL CELL

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WO2011142017 A1 20111117	TOYOTA MOTOR CO LTD [JP]; HOTTA YUTAKA [JP]	WO2010JP58118 20100513	H01M8/04; B60K1/04; B60K8/00; H01M8/00	FUEL CELL SYSTEM FOR VEHICLES AND FUEL CELL VEHICLE
WO2011110911 A1 20110915	TOYOTA MOTOR CO LTD [JP]; INAGI SHUSUKE [JP]	JP20100051230 20100309	H01M8/04	HIGH PRESSURE GAS SUPPLY SYSTEM AND FUEL CELL SYSTEM
WO2011124954 A2 20111013	TOYOTA MOTOR CO LTD [JP]; ISHIKAWA TOMOTAKA [JP]; NOTO HIRONORI [JP]; SUEMATSU KEIGO [JP]; YAMASHITA KOICHIRO [JP]	JP20100089969 20100409	H01M8/04	FUEL CELL SYSTEM, AND CONTROL METHOD FOR FUEL CELL SYSTEM
WO2011132229 A1 20111027	TOYOTA MOTOR CO LTD [JP]; KAKO TOMOYUKI [JP]; TANAKA KEIKO [JP]; OKAMOTO KEI [JP]; TANAKA SEIJI [JP]	WO2010JP02927 20100422	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND METHOD FOR SUPPRESSING DECREASE IN POWER GENERATION EFFICIENCY OF FUEL CELL
WO2011086603 A1 20110721	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	WO2010JP00206 20100115	H01M8/04	GAS SUPPLYING EQUIPMENT
WO2011104762 A1 20110901	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	WO2010JP01315 20100226	H01M8/04	FUEL CELL SYSTEM
WO2011145142 A1 20111124	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	WO2010JP03368 20100519	H01M8/04; B60L11/18	METHOD FOR HEATING USING FUEL CELL SYSTEM AND HEAT FROM FUEL CELL
WO2011151864 A1 20111208	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	WO2010JP03718 20100603	H01M8/04	FUEL CELL SYSTEM
WO2011089502 A1 20110728	TOYOTA MOTOR CO LTD [JP]; KATO MANABU [JP]; KIMURA KAZUTAKA [JP]; KUMEI HIDEYUKI [JP]; TANAKA MICHIIHITO [JP]; KAWAHARA SHUYA [JP]; MARUO TSUYOSHI [JP]; KOHARI KAZUHIKO [JP]	JP20100008734 20100119	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR

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WO2011148262 A2 20111201	TOYOTA MOTOR CO LTD [JP]; KAWAHARA SHUYA [JP]; KATO MANABU [JP]	JP20100119447 20100525	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR
WO2011148265 A1 20111201	TOYOTA MOTOR CO LTD [JP]; KAWAHARA SHUYA [JP]; KATO MANABU [JP]; KUMEI HIDEYUKI [JP]	JP20100226568 20101006; JP20100119448 20100525	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR
WO2011148466 A1 20111201	TOYOTA MOTOR CO LTD [JP]; KIMURA HIROKO [JP]; IIO ATSUO [JP]; TAKEHIRO NAOKI [JP]; ARAI TATSUYA [JP]; SEKIZAWA KOSHI [JP]	WO2010JP58839 20100525	H01M8/04; H01M4/90; H01M8/10	FUEL CELL SYSTEM
WO2011145000 A1 20111124	TOYOTA MOTOR CO LTD [JP]; KUSUMEGI TAKAHIRO [JP]; HAYASHI NORIKO [JP]	JP20100113083 20100517	H01M4/90; H01M8/16	ENZYME ELECTRODE, AND BIO FUEL CELL EQUIPPED THEREWITH
WO2011148268 A2 20111201	TOYOTA MOTOR CO LTD [JP]; KYOCERA CORP ALSO TRADING AS KYOCERA KABUSHIKI KAISHA [JP]; MASUI TAKATOSHI [JP]; ONO TAKASHI [JP]; HIGAKI KATSUKI [JP]; SUZUKI MINORU [JP]	JP20100122113 20100527	H01M8/04	FUEL CELL SYSTEM, CONTROL METHOD FOR FUEL CELL SYSTEM, AND DEGRADATION DETERMINING METHOD FOR FUEL CELL STACK
WO2011151863 A1 20111208	TOYOTA MOTOR CO LTD [JP]; MASAKI DAISUKE [JP]	WO2010JP03711 20100603	F04B35/00; B60K8/00; F04B17/03; F04B23/04; F04B41/06; H01M8/04	GAS CONSUMPTION SYSTEM, FUEL CELL SYSTEM AND VEHICLE
WO2011086471 A1 20110721	TOYOTA MOTOR CO LTD [JP]; MASUI TAKATOSHI [JP]	JP20100005167 20100113	C01B3/32; C01B3/38; H01M8/04	FUEL REFORMING SYSTEM AND CONTROL METHOD OF FUEL REFORMING SYSTEM

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WO2011144978 A2 20111124	TOYOTA MOTOR CO LTD [JP]; MATSUSUE MASAACKI [JP]	JP20100116015 20100520	H01M8/04	FUEL CELL SYSTEM
WO2011132044 A1 20111027	TOYOTA MOTOR CO LTD [JP]; MATSUSUE MASAACKI [JP]; SHINDO YURI [JP]	JP20100096341 20100419	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND CONTROL METHOD FOR THE SAME
WO2011151700 A1 20111208	TOYOTA MOTOR CO LTD [JP]; MORI KAZUYA [JP]	JP20100126819 20100602	H01M8/04; G01R31/36; H02J7/34	VOLTAGE MONITORING APPARATUS AND VOLTAGE MONITORING METHOD
WO2011141818 A1 20111117	TOYOTA MOTOR CO LTD [JP]; MORI MASAACKI [JP]	JP20100111593 20100514	H01M8/10; H01M8/02; H01M8/16	FUEL CELL AND METHOD OF PRODUCING FUEL CELL
WO2011089771 A1 20110728	TOYOTA MOTOR CO LTD [JP]; MORI TOMOYUKI [JP]	JP20100012938 20100125	F17C5/06; F17C13/02	FUEL GAS STATION, FUEL GAS FILLING SYSTEM AND FUEL GAS SUPPLY METHOD
WO2011135610 A1 20111103	TOYOTA MOTOR CO LTD [JP]; NAGANUMA YOSHIKI [JP]; TANAKA HIROMI [JP]; YUMITA OSAMU [JP]; MIZUNO NOBUKAZU [JP]; SAKAJO YUICHI [JP]	WO2010JP03000 20100427	H01M8/04; H01M8/00	FUEL CELL SYSTEM
WO2011086448 A2 20110721	TOYOTA MOTOR CO LTD [JP]; NAGAOSA HIDEO [JP]	JP20100004403 20100112	H01M8/06; C01B3/04; H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM
WO2011138654 A1 20111110	TOYOTA MOTOR CO LTD [JP]; OKUYOSHI MASAHIRO [JP]	JP20100107381 20100507	H01M8/04	FUEL CELL SYSTEM WITH CALCULATION OF LIQUID WATER VOLUME
WO2011148433 A1 20111201	TOYOTA MOTOR CO LTD [JP]; OTAKE YASUKI [JP]; FUJITA HIROSHI [JP]	WO2010JP03613 20100528	H01M8/02; H01M8/04; H01M8/10; H01R13/24; H01R13/639	CONNECTOR AND FUEL CELL



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WO2011125088 A1 20111013	TOYOTA MOTOR CO LTD [JP]; SEKINE SHINOBU [JP]	WO2010JP02413 20100401	H01M8/24; C09J9/02; C09J201/00; H01M8/02; H01M8/10	BONDING MATERIAL FOR FUEL CELL, AND FUEL CELL
WO2011144992 A1 20111124	TOYOTA MOTOR CO LTD [JP]; SHINOHARA AKIHIRO [JP]; HASEGAWA NAOKI [JP]; KAWASUMI MASAYA [JP]; TAKAMI MASAYOSHI [JP]; YOSHIDA TOSHIHIKO [JP]	JP20100116677 20100520	C08F14/18; C07C311/48; H01M8/10	POLYMER ELECTROLYTE, MANUFACTURING METHOD FOR POLYMER ELECTROLYTE, IMIDE MONOMER, AND BATTERY
WO2011148421 A1 20111201	TOYOTA MOTOR CO LTD [JP]; SHIZUKU FUMISHIGE [JP]	WO2010JP03542 20100526	H01M8/24; H01M8/02	FUEL CELL STACK, FUEL CELL STACK MANUFACTURING METHOD, AND METHOD OF EXCHANGING MODULES COMPRISING THE FUEL CELL STACK
WO2011158079 A1 20111222	TOYOTA MOTOR CO LTD [JP]; TAKESHITA MASAHIRO [JP]; MIZUNO NOBUKAZU [JP]	JP20100138153 20100617	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND METHOD OF CONTROLLING FUEL CELL SYSTEM
WO2011086666 A1 20110721	TOYOTA MOTOR CO LTD [JP]; TAKEYAMA MAKOTO [JP]; SHIRAKAWA TSUTOMU [JP]	WO2010JP50237 20100112	H01M8/04; H01M8/10; H01M8/24	FUEL CELL AND METHOD FOR DISCHARGING SAME
DE112004002313 B4 20110915	TOYOTA MOTOR CO LTD [JP]; TOYOTA CHUO KENKYUSHO KK [JP]	JP20030400255 20031128; WO2004JP17181 20041118	H01M8/02; H01M8/06; H01M8/12	Brennstoffzelle
WO2011158295 A1 20111222	TOYOTA MOTOR CO LTD [JP]; USAMI SHO [JP]; ARAKI YASUSHI [JP]; SHIBATA KAZUNORI [JP]; KAWAHARA SHUYA [JP]; OGAWA TOMOHIRO [JP]	WO2010JP04036 20100617	H01M8/04; H01M8/10	FUEL CELL

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WO2011114206 A1 20110922	TOYOTA MOTOR CO LTD [JP]; YAHASHI HIROKI [JP]; ISHITOYA TSUKUO [JP]	JP20100061865 20100318	H01M8/04; B60K15/03; B60L11/18	FUEL-CELL-POWERED VEHICLE
WO2011135711 A1 20111103	TOYOTA MOTOR CO LTD [JP]; YAHASHI HIROKI [JP]; OKAWACHI EIJI [JP]; ISHITOYA TSUKUO [JP]	WO2010JP57669 20100430	G01M3/26; F17C5/06; G01F1/00; H01M8/00; H01M8/04	FUEL LEAK DETECTION DEVICE AND DETECTION METHOD
WO2011086411 A1 20110721	TOYOTA MOTOR CO LTD [JP]; YOSHIDA MICHIO [JP]; KAKENO YUJI [JP]; OGAWA TOMOYA [JP]; KAWAMORI HIROMITSU [JP]	JP20100007906 20100118	H01M10/44; B60L11/18; H01M8/00; H01M8/04; H01M10/46; H01M16/00	FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR
WO2011158286 A1 20111222	TOYOTA MOTOR CO LTD [JP]; YOSHIKAWA HIROO [JP]; NAKANISHI JUNJI [JP]; KAWASUMI AKITO [JP]; NISHIDA TSUNEMASA [JP]; TSUBOSAKA KENJI [JP]; SAITO TAKEAKI [JP]	WO2010JP03973 20100615	H01M8/02; H01M8/10	FUEL CELL AND METHOD FOR MANUFACTURING FUEL CELL
JP2011243538 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100117238 20100521	H01M8/04; H01M8/02	FUEL CELL
CN102126428 A 20110720	TOYOTA MOTOR CORP LTD [JP]	JP20100008849 20100119	B60K15/03; H01M8/04	Tank holding mechanism for gas tank and vehicle in which gas tank is mounted using the same
JP2011131858 A 20110707	TOYOTA MOTOR CORP LTD [JP]	JP20090295517 20091225	B60H1/22; B60L1/08; B60L11/18; H01M8/00; H01M8/04	AIR-CONDITIONING SYSTEM HAVING FUEL CELL, AIR-CONDITIONING METHOD USING FUEL CELL, AND FUEL CELL VEHICLE HAVING AIR-CONDITIONING SYSTEM
JP2011134529 A 20110707	TOYOTA MOTOR CORP LTD [JP]	JP20090291751 20091224	H01M8/04; H01M8/00	FUEL BATTERY SYSTEM

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JP2011138790 A 20110714	TOYOTA MOTOR CORP LTD [JP]	JP20110060509 20110318	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM, AND MOBILE VEHICLE
JP2011140012 A 20110721	TOYOTA MOTOR CORP LTD [JP]	JP20100003264 20100108	B01D53/34; B01D53/81; B01D53/94; B01J29/068; H01M8/06	EXHAUST EMISSION CONTROL DEVICE AND FUEL CELL MODULE
JP2011142011 A 20110721	TOYOTA MOTOR CORP LTD [JP]	JP20100002006 20100107	H01M8/02	MANUFACTURING DEVICE OF MEMBRANE-ELECTRODE ASSEMBLY
JP2011142033 A 20110721	TOYOTA MOTOR CORP LTD [JP]	JP20100002678 20100108	H01M8/04; H01M8/00	POWER SUPPLY DEVICE AND CONTROL METHOD FOR THE SAME
JP2011146139 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100003697 20100112	H01M8/04	FUEL BATTERY SYSTEM AND METHOD FOR OPERATING FUEL BATTERY
JP2011146153 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100004028 20100112	H01M8/24; H01M8/02	FUEL CELL AND DISCHARGE METHOD
JP2011146155 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100004049 20100112	H01M8/04; H01M8/10; H01M8/24	FUEL CELL AND ITS DISCHARGE METHOD
JP2011146165 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100004266 20100112	H01M8/04; H01M8/02; H01M8/24	FUEL BATTERY, DISCHARGE METHOD THEREFOR, AND CONDUCTIVE MEMBER FOR DISCHARGING
JP2011146171 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100004310 20100112	H01M8/04; H01M8/24	FUEL CELL PACK, AND ASSEMBLING AND DISASSEMBLING METHODS THEREOF
JP2011146175 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100004413 20100112	H01M8/06; H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011146256 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100006230 20100114	H01M8/02; H01B1/06; H01M8/10	REINFORCING MEMBRANE TYPE ELECTROLYTE MEMBRANE

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JP2011146278 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100006731 20100115	H01M8/02; H01B13/00; H01M8/10	METHOD FOR MANUFACTURING POLYMER ELECTROLYTE MEMBRANE
JP2011146291 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100007000 20100115	H01M8/02; H01B13/00; H01M8/10	METHOD FOR MANUFACTURING POLYMER ELECTROLYTE MEMBRANE
JP2011146300 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100007216 20100115	H01M8/02; H01M4/86	FUEL CELL, AND METHOD AND APPARATUS FOR MANUFACTURING THE SAME
JP2011146337 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100008108 20100118	H01M4/96; H01M4/88; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY AND METHOD FOR MANUFACTURING THE SAME
JP2011146345 A 20110728	TOYOTA MOTOR CORP LTD [JP]	JP20100008256 20100118	H01M8/02	SEPARATOR FOR FUEL CELL
JP2011147848 A 20110804	TOYOTA MOTOR CORP LTD [JP]	JP20100009308 20100119	B01J20/02; B01J20/30	HYDROGEN STORAGE MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011149042 A 20110804	TOYOTA MOTOR CORP LTD [JP]	JP20100010144 20100120	B22F9/24; B01J23/89; B01J37/16; H01M4/90	METHOD FOR PRODUCING PLATINUM-COBALT ALLOY FINE PARTICLE
JP2011149541 A 20110804	TOYOTA MOTOR CORP LTD [JP]	JP20100013269 20100125	F17C7/00; F17C13/00; H01M8/00; H01M8/04	SYSTEM AND METHOD OF GAS SUPPLY
JP2011150921 A 20110804	TOYOTA MOTOR CORP LTD [JP]	JP20100011899 20100122	H01M4/86	METHOD FOR MANUFACTURING GAS DIFFUSION MEMBER FOR FUEL BATTERY
JP2011150977 A 20110804	TOYOTA MOTOR CORP LTD [JP]	JP20100013312 20100125	H01M4/88; H01M4/86	MANUFACTURING ELECTRODE DEVICE AND MANUFACTURING METHOD OF ELECTRODE
JP2011152495 A 20110811	TOYOTA MOTOR CORP LTD [JP]	JP20100014324 20100126	B01J37/16; B01J23/42; B01J33/00; H01M4/88	METHOD OF FOR MANUFACTURING CATALYST-BEARING CARRIER AND METHOD FOR MANUFACTURING ELECTRODE CATALYST

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JP2011154799 A 20110811	TOYOTA MOTOR CORP LTD [JP]	JP20100013966 20100126	H01M8/02; H01M8/10	FUEL CELL
JP2011156511 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100021925 20100203	B01J35/10; H01M4/86; H01M8/02; H01M8/10	ELECTRODE CATALYST, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL BATTERY CELL
JP2011157991 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100018134 20100129	F16J12/00; B29C70/16; F17C1/06	METHOD OF MANUFACTURING HIGH PRESSURE TANK
JP2011159408 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100018133 20100129	H01M8/02; H01M8/04; H01M8/10	FUEL CELL AND FUEL CELL SYSTEM
JP2011159517 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100020845 20100202	H01M4/88; B01J23/89; H01M4/90; H01M4/92	METHOD FOR MANUFACTURING FUEL CELL CATALYST LAYER
JP2011159538 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100021250 20100202	H01M8/04	FUEL CELL SYSTEM
JP2011159559 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100021846 20100203	H01M8/04; G01N3/00; G01N19/00; H01M8/02; H01M8/10	METHOD FOR PREDICTING MECHANICAL DETERIORATION OF POLYMER ELECTROLYTE MEMBRANE USED FOR FUEL CELL, AND DETERIORATION PREDICTION APPARATUS
JP2011159572 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100022094 20100203	H01M8/02; H01M8/10	FUEL CELL
JP2011159586 A 20110818	TOYOTA MOTOR CORP LTD [JP]	JP20100022397 20100203	H01M4/86; H01M4/96	CATALYST LAYER STRUCTURE FOR FUEL CELL

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JP2011162076 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100027469 20100210	B60H1/20; B60H1/22; B60K1/04; B60K8/00; H01M8/00; H01M8/04; H01M8/06	SYSTEM AND METHOD OF VEHICLE INTERIOR HEATER
JP2011162108 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100028774 20100212	B60K1/04; B60K8/00; B60L11/18; H01M8/00	VEHICLE
JP2011163489 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100028693 20100212	F17C13/02; F17C13/04	VALVE DEVICE FOR HIGH PRESSURE TANK
JP2011163534 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100030104 20100215	F17C1/00; B60K8/00; B60K15/03; F17C5/06; F17C13/02	VEHICLE
JP2011165359 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100023769 20100205	H01M8/02; H01M8/10	MEMBRANE-ELECTRODE-GAS DIFFUSION LAYER ASSEMBLY USED FOR FUEL CELL, AND METHOD OF MANUFACTURING THE SAME
JP2011165589 A 20110825	TOYOTA MOTOR CORP LTD [JP]	JP20100029697 20100215	H01M8/24; H01M8/02; H01M8/04	FUEL CELL
JP2011169350 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100031688 20100216	F17C11/00; C01B3/00; C01B6/21; F17C7/00; F17C13/02	HYDROGEN SUPPLY SYSTEM
JP2011170992 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100031127 20100216	H01M8/04	VOLTAGE MONITORING SYSTEM

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JP2011170995 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100031288 20100216	H01M8/04	FUEL BATTERY SYSTEM
JP2011171010 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100031614 20100216	H01M8/04; H01M8/00	FUEL BATTERY SYSTEM AND METHOD FOR CONTROLLING FUEL BATTERY
JP2011171027 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100032014 20100217	H01M8/02; H01M8/04	FUEL CELL
JP2011171028 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100032015 20100217	H01M8/02	FUEL CELL
JP2011171119 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100033878 20100218	H01M8/04; H01M4/88	MEASURING METHOD OF CATALYST UTILIZATION RATIO
JP2011171120 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100033880 20100218	H01M4/88; B01J23/42; H01M8/10	MANUFACTURING METHOD OF ELECTRODE CATALYST
JP2011171147 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100034628 20100219	H01M8/04; H01M8/24	FUEL BATTERY CONTROL
JP2011171171 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100034909 20100219	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011171253 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20100036401 20100222	H01M4/86; H01M8/02	FUEL CELL
JP2011171313 A 20110901	TOYOTA MOTOR CORP LTD [JP]	JP20110126133 20110606	H01M8/04	FUEL BATTERY SYSTEM
JP2011175763 A 20110908	TOYOTA MOTOR CORP LTD [JP]	JP20100037361 20100223	H01M8/02	FUEL BATTERY
JP2011175777 A 20110908	TOYOTA MOTOR CORP LTD [JP]	JP20100037624 20100223	H01M8/04	FUEL BATTERY SYSTEM
JP2011175881 A 20110908	TOYOTA MOTOR CORP LTD [JP]	JP20100039638 20100225	H01M4/86; H01M4/96; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY
JP2011175891 A 20110908	TOYOTA MOTOR CORP LTD [JP]	JP20100039775 20100225	H01M4/96; H01M8/02	MICRO POROUS LAYER AND GAS DIFFUSION LAYER, AND FUEL BATTERY CELL

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JP2011178366 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100047497 20100304	B60H1/22; B60L1/00; H01M8/00; H01M8/04	CONTROL DEVICE AND METHOD OF VEHICLE
JP2011180012 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100045376 20100302	G01L19/00; B60L3/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE AND METHOD OF MEASURING PRESSURE
JP2011181227 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100042012 20100226	H01M8/04; B60L11/18; H01M8/00	FUEL BATTERY SYSTEM
JP2011181249 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100042538 20100226	H01M8/06; H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011181250 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100042588 20100226	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM
JP2011181302 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100043795 20100301	H01M8/02	FUEL CELL
JP2011181344 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100044488 20100301	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND METHOD OF MANUFACTURING THE SAME
JP2011181383 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100045425 20100302	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011181442 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100046559 20100303	H01M8/02; B21D31/04	METHOD AND APPARATUS FOR MANUFACTURING GAS PASSAGE FORMING MEMBER FOR FUEL CELL, AND METHOD FOR MANUFACTURING FUEL CELL
JP2011181479 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20100047498 20100304	H01M8/04	VOLTAGE MONITORING SYSTEM



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JP2011181509 A 20110915	TOYOTA MOTOR CORP LTD [JP]	JP20110094561 20110421	H01M8/04; B60L11/18; H01M8/00	FUEL SUPPLY SYSTEM FOR FUEL CELL, AND MOVING BODY
JP2011187307 A 20110922	TOYOTA MOTOR CORP LTD [JP]	JP20100051304 20100309	H01M8/02; H01M4/88	MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY
JP2011187414 A 20110922	TOYOTA MOTOR CORP LTD [JP]	JP20100054462 20100311	H01M8/02; H01M4/96	MANUFACTURING METHOD FOR MEMBRANE-ELECTRODE ASSEMBLY
JP2011187417 A 20110922	TOYOTA MOTOR CORP LTD [JP]	JP20100054561 20100311	H01M8/02	SEPARATOR FOR FUEL CELL AND FUEL CELL USING THE SAME
JP2011189864 A 20110929	TOYOTA MOTOR CORP LTD [JP]	JP20100058735 20100316	B60H1/08; B60H1/22; H01M8/00; H01M8/04	DEVICE FOR ADJUSTING REFRIGERANT CIRCUIT
JP2011192458 A 20110929	TOYOTA MOTOR CORP LTD [JP]	JP20100056030 20100312	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM, MOVABLE BODY, AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2011192525 A 20110929	TOYOTA MOTOR CORP LTD [JP]	JP20100057576 20100315	H01M8/02	FUEL CELL
JP2011198538 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100062159 20100318	H01M8/24	FUEL CELL STACK
JP2011198556 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100062540 20100318	H01M8/02; C08G65/48; H01B1/06; H01M8/10	METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND ELECTROLYTE MEMBRANE
JP2011198576 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100063132 20100318	H01M8/04; C01B3/40; H01M8/06	FUEL CELL SYSTEM
JP2011198607 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100063940 20100319	H01M4/88; H01M4/86; H01M8/10	METHOD OF PRODUCING ELECTRODE CATALYST
JP2011198653 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100064962 20100319	H01M8/04	FUEL CELL SYSTEM

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JP2011198724 A 20111006	TOYOTA MOTOR CORP LTD [JP]	JP20100067397 20100324	H01M4/88; H01M4/96	MANUFACTURING METHOD FOR MEMBRANE-ELECTRODE ASSEMBLY
JP2011200834 A 20111013	TOYOTA MOTOR CORP LTD [JP]	JP20100072666 20100326	B01J27/22; B01J32/00; B01J37/08; B01J37/16; H01M4/88; H01M4/90	METHOD FOR MANUFACTURING CONDUCTIVE CARRIER, CATALYST CARRYING CARRIER AND ELECTRODE CATALYST
JP2011204361 A 20111013	TOYOTA MOTOR CORP LTD [JP]	JP20100067523 20100324	H01M8/04	CONTROL METHOD OF FUEL CELL SYSTEM
JP2011204411 A 20111013	TOYOTA MOTOR CORP LTD [JP]	JP20100069173 20100325	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND MOVING BODY
JP2011205735 A 20111013	TOYOTA MOTOR CORP LTD [JP]	JP20100068197 20100324	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011206627 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100074190 20100329	B01J27/24; B01J23/652; H01M4/86; H01M4/88	CATALYST CARRYING CARRIER AND METHOD FOR MANUFACTURING THE SAME, ELECTRODE CATALYST AND METHOD FOR MANUFACTURING THE SAME
JP2011208737 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100077462 20100330	F17C13/12; F17C1/06; F17C13/04; H01M8/00; H01M8/04	HIGH PRESSURE GAS TANK, FUEL GAS SUPPLY DEVICE, AND FUEL CELL MOUNTED-VEHICLE
JP2011210398 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100074401 20100329	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
JP2011210405 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100074527 20100329	H01M8/04	FUEL CELL SYSTEM, AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2011210512 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100076634 20100330	H01M8/04	FUEL CELL SYSTEM

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JP2011210534 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100077080 20100330	H01M8/02	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
JP2011210535 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100077081 20100330	H01M8/02	SEPARATOR FOR FUEL CELL
JP2011211770 A 20111020	TOYOTA MOTOR CORP LTD [JP]	JP20100074312 20100329	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE AND METHOD FOR CONTROLLING THE SAME
JP2011216299 A 20111027	TOYOTA MOTOR CORP LTD [JP]	JP20100082786 20100331	H01M8/04; H01M4/86; H01M4/90; H01M8/02; H01M8/10	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
JP2011216418 A 20111027	TOYOTA MOTOR CORP LTD [JP]	JP20100085458 20100401	H01M8/04	FUEL CELL SYSTEM
JP2011217556 A 20111027	TOYOTA MOTOR CORP LTD [JP]	JP20100085067 20100401	B60L11/18; H01M8/00; H01M8/04	VEHICLE CONTROL DEVICE
JP2011218278 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100088975 20100407	B01J37/02; B01J23/44	METHOD FOR PRODUCING CARBON-CARRIED CORE-SHELL TYPE CATALYST FINE PARTICLE, METHOD FOR PRODUCING CATALYST INK USING THE CORE-SHELL TYPE CATALYST FINE PARTICLE OBTAINED BY THE PRODUCTION METHOD, AND CATALYST LAYER CONTAINING THE CATALYST INK OBTAINED BY TH
JP2011220425 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100089334 20100408	F17C1/06; F16J12/00; H01M8/04	HIGH-PRESSURE GAS TANK

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JP2011220441 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100090085 20100409	F17C13/00; B60K1/04; B60K8/00; F17C7/00; H01M8/00; H01M8/04; H01M8/06	GAS TANK SYSTEM AND VEHICLE
JP2011222134 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100086457 20100402	H01M8/04	FC CURRENT DETECTION METHOD FOR INTEGRATED UNIT OF FUEL CELL AND VOLTAGE CONVERTER
JP2011222160 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100087278 20100405	H01M8/24; H01M8/02	FUEL CELL AND FUEL CELL STACK
JP2011222161 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100087283 20100405	H01M8/02; H01M8/12; H01M8/24	FUEL BATTERY
JP2011222175 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100087662 20100406	H01M8/02; H01M4/88; H01M8/10	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY HAVING DIFFUSION-CATALYST INTEGRATED LAYER
JP2011222183 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100087787 20100406	H01M8/04	FUEL CELL STATE ESTIMATING DEVICE
JP2011222192 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100087944 20100406	H01M4/88; H01M4/86	ELECTRODE FOR FUEL CELL AND ITS MANUFACTURING METHOD
JP2011222276 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100089740 20100408	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD
JP2011222337 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100091025 20100412	H01M8/04	FUEL CELL SYSTEM
JP2011222393 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100092127 20100413	H01M8/02	FUEL CELL
JP2011222416 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100092467 20100413	H01M4/88	METHOD OF MANUFACTURING ELECTRODE FOR FUEL CELL

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JP2011222444 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20100093178 20100414	H01M8/02; H01M4/88	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
JP2011223870 A 20111104	TOYOTA MOTOR CORP LTD [JP]	JP20110100284 20110428	B60L11/18; B60K6/48; B60K6/547; B60W10/26; B60W10/28; B60W20/00; H01M8/00; H01M8/04; H02J7/00	SUPPLY OF POWER USING FUEL CELL AND POWER STORAGE PART CAPABLE OF CHARGING AND DISCHARGING
JP2011228076 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100095793 20100419	H01M8/04	FUEL CELL SYSTEM
JP2011228091 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100096177 20100419	H01M8/02; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING FUEL CELL
JP2011228092 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100096178 20100419	H01M8/02; H01M8/12	METHOD FOR MANUFACTURING FUEL CELL
JP2011228093 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100096179 20100419	H01M8/02; H01M8/12	METHOD FOR MANUFACTURING FUEL CELL
JP2011228094 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100096180 20100419	H01M8/02; H01M8/12	FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2011228115 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100096739 20100420	H01M8/04; G01R19/00	VOLTAGE MONITORING SYSTEM
JP2011228294 A 20111110	TOYOTA MOTOR CORP LTD [JP]	JP20100080615 20100331; JP20110077227 20110331	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2011230398 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100103486 20100428	B29C70/16; F17C1/06	METHOD AND EQUIPMENT FOR MANUFACTURING HIGH PRESSURE GAS TANK
JP2011230467 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100104958 20100430	B29C70/16; F17C1/06	METHOD AND EQUIPMENT FOR MANUFACTURING HIGH PRESSURE TANK

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JP2011231900 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100104753 20100430	F17C1/06; B29C70/16	HIGH PRESSURE TANK AND METHOD OF MANUFACTURING THE SAME
JP2011233394 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100103491 20100428	H01M8/04	OPERATION METHOD FOR FUEL CELL AND FUEL CELL SYSTEM
JP2011233460 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100105019 20100430	H01M8/02	SEPARATOR FOR FUEL BATTERY
JP2011234582 A 20111117	TOYOTA MOTOR CORP LTD [JP]	JP20100104789 20100430	H02M3/155; H01M8/04	MANUFACTURING METHOD OF CHOPPER CIRCUIT, CHOPPER CIRCUIT, DC/DC CONVERTER, FUEL CELL SYSTEM AND CONTROL METHOD
JP2011236307 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100108148 20100510	C08F12/22; C08F8/14; H01B1/06; H01B13/00; H01M4/62; H01M8/02; H01M8/10	PHOSPHONIC ACID POLYMER, ITS MANUFACTURING METHOD, AND ITS APPLICATION
JP2011236926 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100106161 20100506	F17C1/06; B29C70/16	APPARATUS AND METHOD FOR MANUFACTURING OF HIGH PRESSURE TANK
JP2011236930 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100106394 20100506	F17C5/06; B60K15/03	HYDROGEN FILLING SYSTEM
JP2011238406 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100107523 20100507	H01M4/86; C08G65/48; H01M4/88; H01M8/10	IONOMER FOR ELECTRODE CATALYST OF FUEL CELL AND METHOD FOR MANUFACTURING ELECTRODE CATALYST WITH THE SAME
JP2011238438 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100108117 20100510	H01M4/88	MANUFACTURING METHOD OF ELECTRODE FOR FUEL CELL
JP2011238443 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100108275 20100510	H01M4/86; H01M8/02	FUEL CELL
JP2011238460 A 20111124	TOYOTA MOTOR CORP LTD [JP]	JP20100108699 20100510	H01M8/04; H01M8/24	FUEL CELL SYSTEM

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JP2011240245 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100114275 20100518	B01J37/02; B01J23/42; B01J37/04; B01J37/16; H01M4/88	METHOD FOR MANUFACTURING OF CATALYST CARRYING CARRIER, AND METHOD FOR MANUFACTURING OF ELECTRODE CATALYST
JP2011243315 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100111963 20100514	H01M8/04; H01M4/86; H01M8/10	DIAGNOSTIC METHOD FOR FUEL CELL
JP2011243316 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100111988 20100514	H01M8/04	EVALUATION METHOD OF ELECTRODE CATALYST FOR FUEL CELL
JP2011243386 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100113905 20100518	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
JP2011243537 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100117231 20100521	H01M8/04	REFRIGERANT CIRCUIT ADJUSTING DEVICE AND REFRIGERANT CIRCUIT ADJUSTING METHOD
JP2011243545 A 20111201	TOYOTA MOTOR CORP LTD [JP]	JP20100117411 20100521	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING SUPPLY AMOUNT OF REACTION GAS TO FUEL CELL
JP2011245740 A 20111208	TOYOTA MOTOR CORP LTD [JP]	JP20100121105 20100527	B29C70/16; F17C1/06	APPARATUS AND METHOD FOR MANUFACTURING HIGH PRESSURE TANK
JP2011245744 A 20111208	TOYOTA MOTOR CORP LTD [JP]	JP20100121241 20100527	B29C70/16; F16J12/00; F17C1/06	HIGH PRESSURE TANK MANUFACTURING APPARATUS, HIGH PRESSURE TANK MANUFACTURING METHOD, AND DEVICE FOR WIDENING FIBER BUNDLE
JP2011249143 A 20111208	TOYOTA MOTOR CORP LTD [JP]	JP20100121015 20100526	H01M8/04; H01M8/10	FUEL BATTERY SYSTEM AND METHOD OF CONTROLLING FUEL BATTERY
JP2011249211 A 20111208	TOYOTA MOTOR CORP LTD [JP]	JP20100122757 20100528	H01M8/02; H01M4/90	METHOD OF MANUFACTURING MEMBRANE ELECTRODE STRUCTURE
JP2011250506 A 20111208	TOYOTA MOTOR CORP LTD [JP]	JP20100118176 20100524	H02M3/155; H01M8/04	SNUBBER CIRCUIT, CHOPPER CIRCUIT, DC/DC CONVERTER, AND FUEL CELL SYSTEM

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JP2011253730 A 20111215	TOYOTA MOTOR CORP LTD [JP]	JP20100127160 20100602	H01M8/24; H01M8/04	FUEL CELL STACK
JP2011253740 A 20111215	TOYOTA MOTOR CORP LTD [JP]	JP20100127404 20100603	H01M8/04	VALVE DEVICE ARRANGED IN PASSAGE THROUGH WHICH OXIDANT GAS IS SUPPLIED TO FUEL CELL
JP2011253755 A 20111215	TOYOTA MOTOR CORP LTD [JP]	JP20100127720 20100603	H01M8/24; H01M8/04	FUEL CELL AND METHOD FOR DISASSEMBLING FUEL CELL
JP2011255336 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100133100 20100610	B01J27/24; B01J37/08; H01M4/88; H01M4/96	METHOD FOR MANUFACTURING CATALYST SUPPORT CARRIER, AND METHOD FOR MANUFACTURING ELECTRODE CATALYST
JP2011258395 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100131578 20100609	H01M4/88; H01M4/96	METHOD AND APPARATUS FOR MANUFACTURING GAS DIFFUSION LAYER TO BE USED FOR FUEL CELL
JP2011258396 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100131583 20100609	H01M8/24; H01M8/02; H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011258397 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100131584 20100609	H01M4/88; H01M4/86	MANUFACTURING CATALYST LAYER OF FUEL CELL
JP2011258452 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100133042 20100610	H01M4/86; H01M8/10	ELECTRODE CATALYST, MEMBRANE ELECTRODE ASSEMBLY AND POLYMER ELECTROLYTE FUEL CELL
JP2011258497 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100133773 20100611	H01M8/04; H01M8/00	FUEL CELL SYSTEM MOUNTED ON MOBILE BODY AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2011258527 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20100134404 20100611	H01M8/24	FUEL CELL STACK
JP2011258567 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20110171032 20110804	H01M8/04	FUEL CELL SYSTEM
JP2011258572 A 20111222	TOYOTA MOTOR CORP LTD [JP]	JP20110184237 20110826	H01M8/04	FUEL CELL SYSTEM



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JP2011171308 A 20110901	TOYOTA MOTOR CORP LTD [JP]; AISIN SEIKI	JP20110086680 20110408	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011222136 A 20111104	TOYOTA MOTOR CORP LTD [JP]; AISIN SEIKI; KYOCERA CORP	JP20100086555 20100402	H01M8/06; H01M8/04	FUEL CELL MODULE
JP2011150867 A 20110804	TOYOTA MOTOR CORP LTD [JP]; CATALER CORP	JP20100010634 20100121	H01M4/88; H01M4/90; H01M8/10	MANUFACTURING METHOD OF TERNARY SYSTEM ELECTRODE CATALYST FOR FUEL CELL, AND SOLID POLYMER FUEL CELL USING THE SAME
JP2011153681 A 20110811	TOYOTA MOTOR CORP LTD [JP]; DAIHATSU MOTOR CO LTD	JP20100016376 20100128	F17C5/06; C01B3/00; F17C13/02	GAS STATION, GAS FILLING SYSTEM AND GAS FILLING METHOD
JP2011156896 A 20110818	TOYOTA MOTOR CORP LTD [JP]; DAIHATSU MOTOR CO LTD	JP20100018084 20100129	B60K15/03	VEHICLE
JP2011241940 A 20111201	TOYOTA MOTOR CORP LTD [JP]; DAIHATSU MOTOR CO LTD	JP20100116187 20100520	F17C7/00; F17C13/04	FUEL GAS FILLING AND SUPPLY SYSTEM
JP2011226608 A 20111110	TOYOTA MOTOR CORP LTD [JP]; FTS KK	JP20100098608 20100422	F17C13/08; B60K15/03	TANK INSTALLATION STRUCTURE
JP2011134653 A 20110707	TOYOTA MOTOR CORP LTD [JP]; TOYOTA CENTRAL RES & DEV	JP20090294450 20091225	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL, GAS PASSAGE LAYER FOR FUEL CELL, AND METHOD FOR MANUFACTURING THEM
JP2011212576 A 20111027	TOYOTA MOTOR CORP LTD [JP]; TOYOTA CENTRAL RES & DEV	JP20100082684 20100331	B01J37/02; B01J23/42; H01M4/88	METHOD AND APPARATUS FOR PRODUCING ELECTRODE CATALYST TO BE USED IN ROTATING DISK ELECTRODE SYSTEM
JP2011228192 A 20111110	TOYOTA MOTOR CORP LTD [JP]; TOYOTA CENTRAL RES & DEV	JP20100098457 20100422	H01M8/02	OUTPUT TERMINAL FOR FUEL CELL
JP2011213588 A 20111027	TOYOTA MOTOR CORP LTD [JP]; UNIV QINGHUA	WO2010CN71489 20100331; CN20101149731 20100419	C01F17/00; C04B35/50; H01B1/06; H01M8/02; H01M8/12	HIGH ION-CONDUCTIVE SOLID ELECTROLYTE

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JP2011134462 A 20110707	TOYOTA MOTOR CORP LTD [JP]; UNIV SHIZUOKA NAT UNIV CORP	JP20090290433 20091222	H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE FOR FUEL CELL
JP2011163522 A 20110825	TOYOTA MOTOR CORP; JTEKT CORP	JP20100029863 20100215	F17C13/04	PRESSURE RELEASING VALVE OF HIGH PRESSURE TANK
JP2011168779 A 20110901	TOYOTA TECHNICAL CT USA INC	US20040632249P 20041201; US20050290159 20051130	C08G73/06; C08G81/00; H01B1/06; H01M8/02; H01M8/10	NOVEL PROTON EXCHANGE MEMBRANE USING CYCLOADDITION REACTION BETWEEN AZIDE AND ALKYNE-CONTAINING COMPONENT
WO2011141305 A1 20111117	TRUMPF WERKZEUGMASCHINEN GMBH; ZELLER THOMAS [DE]; BRUENE BERNHARD [DE]; KOERBER CHRISTIAN [DE]	DE201010028959 20100512	H01M8/02	MEDIA GUIDE UNIT OF A FUEL CELL OR A FUEL CELL ARRANGEMENT
WO2011141308 A1 20111117	TRUMPF WERKZEUGMASCHINEN GMBH; ZELLER THOMAS [DE]; KOERBER CHRISTIAN [DE]; BRUENE BERNHARD [DE]	DE201010028957 20100512	H01M8/02; H01M8/24	FUEL CELL STACK AND METHOD FOR PRODUCING A FUEL CELL STACK
WO2011141307 A1 20111117	TRUMPF WERKZEUGMASCHINEN GMBH; ZELLER THOMAS [DE]; KOERBER DR CHRISTIAN [DE]; BRUENE BERNHARD [DE]	DE201010028961 20100512	H01M8/24	MODULAR FUEL CELL SYSTEM
JP2011179970 A 20110915	TS KK	JP20100044537 20100301	G01M3/04; G01M3/20; H01M2/04; H01M10/04	DEVICE FOR INSPECTING LEAKAGE OF PLATE-SHAPED MOLDED ASSEMBLY
JP2011238364 A 20111124	UCHIYAMA MFG; TOYOTA MOTOR CORP	JP20100106420 20100506	H01M8/02	GASKET FOR FUEL CELL AND SEALING STRUCTURE OF FUEL CELL

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DE102010021982 A1 20111201	UFERMANN RUEDIGER [DE]	DE201010021982 20100529	H01M8/02; B23K26/20	The fuel cell for hermetically sealed elements, comprises a bipolar plate, and an optically transparent plastic window, where the bipolar plate is alternately staggered or staggered in continuous one-piece manner
US2011308726 A1 20111222	UMICORE AG & CO KG [DE]	US201113222666 20110831; EP20020021990 20020930; US20030668559 20030922	B32B37/18; H01M4/86; H01M8/02; H01M8/10; H01M8/24	A Process for manufacturing a [[C]]catalyst-coated ionomer membrane with protective film layer
KR101047299B B1 20110707	UNICK CORP [KR]	KR20100111120 20101109	H01M8/04; B60L11/18; F16K13/10	WATER TRAP VALVE FOR FUEL CELL VEHICLE
AT517972T T 20110815	UNITED TECHNOLOGIES CORP [US]	US20040810796 20040326	C10G32/02; F23K5/08; B01J19/00; B01J19/08; C10G32/00; C10L1/00; C25B1/02; H01M4/70; H01M8/06	SYSTEM ZUR ELEKTROCHEMISCHEN SAUERSTOFFENTFERNUNG AUS EINEM BRENNSTOFF
CA2717285 A1 20110809	UNIV ALBERTA [CA]	US20100302881P 20100209	H01M8/02; H01M2/16; H01M8/10	SOLID OXIDE FUEL CELL REACTOR
US2011212384 A1 20110901	UNIV ALBERTA [CA]	US201113024249 20110209; US20100302884P 20100209	H01M4/90; B01J23/26; H01M8/10; H01M8/22	ANODE CATALYSTS FOR FUEL CELL MEMBRANE REACTORS

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US2011281184 A1 20111117	UNIV ARIZONA [US]	US201113105794 20110511; WO2010US34235 20100510; US20100334047P 20100512	H01M12/06; H01M6/04; H01M8/08	METAL-AIR CELL WITH PERFORMANCE ENHANCING ADDITIVE
US2011300455 A1 20111208	UNIV ARIZONA [US]	US201113153110 20110603; US20100351234P 20100603	H01M8/16; H01M8/00	Micro-Sized Microbial Fuel Cell
CN102181069 A 20110914	UNIV BEIJING	CN20111090533 20110412	C08J7/12; B01J43/00; B29C43/58; C08F2/46; C08F212/08; C08F212/14; C08F220/34; C08F259/08; C08J5/22; H01M2/16; H01M8/02	Preparation method of amphoteric ion exchange membrane
CN102201590 A 20110928	UNIV BEIJING CHEMICAL	CN20111102060 20110422	H01M8/18; H01M8/04	Acidic zinc single liquid flow energy storage battery

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CN102214828 A 20111012	UNIV BEIJING CHEMICAL	CN20101143034 20100409	H01M8/02; C08J5/22; C08K3/22; C08K3/36; C08K9/04; C08K9/06; C08L25/04; C08L71/08; C08L79/04; C08L79/08; C08L81/02; C08L81/06; H01M2/16	Nanometer particulate matter modified compound proton exchange membrane and preparation method thereof
CN102188913 A 20110921	UNIV BEIJING SCIENCE & TECH	CN20111061504 20110315	B01D69/12; B01D71/08; B01D71/32; B01D71/38; B01D71/64; C08J7/04; C08J7/12; H01M2/16; H01M8/02	Method for preparing high-conductivity proton exchange membrane for direct methanol fuel cells
CN102116679 A 20110706	UNIV BEIJING TECHNOLOGY	CN20111040573 20110218	G01K7/02; G01N25/20; H01M8/04	Insertion piece for measuring transient heat flow density distribution in fuel cell
CN102116680 A 20110706	UNIV BEIJING TECHNOLOGY	CN20111041121 20110218	G01K7/02; H01M8/04	Insertion sheet for measuring internal temperature distribution of fuel cell
CN102157743 A 20110817	UNIV BEIJING TECHNOLOGY	CN20111043606 20110218	H01M8/02; G01K7/02	Transient temperature distribution sensor in fuel cell
CN102175339 A 20110907	UNIV BEIJING TECHNOLOGY	CN20111040587 20110218	G01K7/02; G01N25/20; H01M8/04	Internal transient film heat-flow sensor of fuel cell

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WO2011131959 A1 20111027	UNIV BELFAST [GB]; DOHERTY ANDREW P [GB]	GB20100006488 20100419	H01M8/18	REDOX BATTERY
WO2011092452 A1 20110804	UNIV BIRMINGHAM [GB]; POLLET BRUNO GEORGES [GB]	GB20100001619 20100201	H01M8/02; H01M8/00; H01M8/24	FUEL CELL ELECTRODE ASSEMBLY
WO2011149908 A2 20111201	UNIV BOSTON [US]; PAL UDAY B [US]; GOPALAN SRIKANTH [US]	US20100347519P 20100524	H01M8/12; H01M8/02; H01M8/04	SYSTEM AND METHOD FOR ENERGY STORAGE AND RECOVERY
CN102170006 A 20110831	UNIV CHONGQING	CN20111086326 20110407	H01M8/16	Micro-organism fuel battery capable of degrading volatile organic matters
US2011217618 A1 20110908	UNIV CHUNG YAN CHRISTIAN [TW]	TW20100106679 20100308	C08F8/00; C08G73/16; H01M8/10	Chemically Bonded Carbon Nanotube-Polymer Hybrid and Nanocomposite Thereof
US2011258939 A1 20111027	UNIV COLUMBIA [US]	US201113087211 20110414; WO2009US60884 20091015; US20080105650P 20081015	C01F1/00; B01J23/83; C01B31/20; C01F17/00; C09K3/14; H01M8/06	METHODS FOR PRODUCING NANOPARTICLES HAVING HIGH DEFECT DENSITY AND USES THEREOF
CN102255089 A 20111123	UNIV DALIAN TECH	CN20111104668 20110425	H01M8/02; B01J41/12; C08J5/22; H01M2/16	Heterocyclic polymer alkaline anion exchange membrane and preparation method thereof
KR20110132491 A 20111208	UNIV DANKOOK IACF [KR]; OSUN TECH CO LTD [KR]	KR20100052049 20100602	B01J23/80; B01J37/08; C01B3/40; H01M8/06	REFORMING CATALYST SYSTEM, METHOD FOR PREPARING THE SAME, AND METHOD FOR PREPARING HYDROGEN OR SYNTHETIC GAS USING THE SAME

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US2011262836 A1 20111027	UNIV DAYTON [US]	US201113153042 20110603; US20090486444 20090617; US20080074316P 20080620; US20100351331P 20100604	H01M4/96; H01M4/86; H01M8/10	LITHIUM-AIR CELL INCORPORATING LITHIUM ALUMINUM GERMANIUM PHOSPHATE CATHODE
US2011250515 A1 20111013	UNIV DELFT TECH	NL20082002071 20081007; WO2009NL50596 20091006	H01M8/06; B01J35/00; B01J37/03; B01J37/04; B01J37/16	ELECTRODE COMPARTMENT FOR AN ELECTROCHEMICAL CELL, A REFRESHING SYSTEM FOR IT AND AN EMULSION TO BE USED THEREFORE
WO2011101162 A1 20110825	UNIV DENMARK TECH DTU [DK]; EBBESEN SUNE D [DK]; MOGENSEN MOGENS BJERG [DK]	EP20100001715 20100219	H01M8/06; B01D53/00	METHOD AND SYSTEM FOR PURIFICATION OF GAS STREAMS FOR SOLID OXIDE CELLS
CN102231449 A 20111102	UNIV EAST CHINA SCIENCE & TECH	CN20111100661 20110421	H01M12/00; H01G9/042; H01G9/20; H01M4/92; H01M8/16	Photoelectrochemical biofuel cell based on quantum dot, titanium dioxide and enzyme, and preparation method thereof
TWM408137U U 20110721	UNIV FAR EAST [TW]	TW100200303U 20110106	H01M8/04	Fuel cell having the self-driving and compressing device
TW201128844 A 20110816	UNIV FENG CHIA [TW]	TW20100103480 20100205	H01M8/02	Carbonaceous material with continuous hydrophobic gradient and method for preparing the same

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US2011256469 A1 20111020	UNIV GEORGETOWN [US]	US201113081809 20110407; US20100321984P 20100408	H01M4/92; B01J23/46; B01J37/02; B01J37/08; B01J37/16; B01J37/34; H01M8/22	Platinum Adlayered Ruthenium Nanoparticles, Method for Preparing, and Uses Thereof
JP2011192558 A 20110929	UNIV GUNMA; KEMITSUKUSU KK	JP20100058476 20100315	H01M8/02; H01M8/10; H01M8/24	FUEL BATTERY
CN102201589 A 20110928	UNIV HEILONGJIANG	CN20111093948 20110414	H01M8/10	Nano electrolyte material for mesothermal solid oxide fuel cell and preparation method of nano electrolyte material
CN102170007 A 20110831	UNIV HUAZHONG SCIENCE TECH	CN20111078073 20110329	H01M8/18	Anode electrolyte of highly stable full-vanadium fluid battery and preparation method thereof
CN102148385 A 20110810	UNIV HUNAN	CN20111007034 20110113	H01M8/04	Equivalent model construction method for fuel battery power generating system
KR101060275B B1 20110830	UNIV INJE IND ACAD COOPERATION [KR]	KR20100052840 20100604	H01M2/18; H01M2/14; H01M8/02	BIPOLAR PLATE FOR FUEL CELL WITH FIN AND SERPENTINE
WO2011090246 A1 20110728	UNIV INJE IND ACAD COOPERATION [KR]; CHOI KAP SEUNG [KR]; SHIN GI SOO [KR]; KIM HYUNG MAN [KR]; HWANG HA NA [KR]	KR20100006602 20100125	H01M8/02; H01M8/10	FUEL CELL SEPARATOR INCLUDING A SUB-CHANNEL
CN102174258 A 20110907	UNIV JILIN	CN20111072973 20110325	C08L81/06; C08G75/23; C08J5/22; H01M2/16; H01M8/02	Perfluorosulfonic acidcontaining polyarylethersulfone proton exchange membrane material and preparation method thereof
CA2721638 A1 20111008	UNIV JOSEPH FOURIER [FR]	FR20100052657 20100408	H01M8/16	GLUCOSE BIOCELL



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TW201126803 A 20110801	UNIV KAO YUAN [TW]	TW20100101539 20100120	H01M8/06	Combined type proton exchange device
CA2739215 A1 20111107	UNIV KINGSTON [CA]	US20100332395P 20100507; US20100419681P 20101203	H01M8/18; C07C45/29	CATALYST AND LIQUID COMBINATION FOR A THERMALLY REGENERATIVE FUEL CELL
KR101067447B B1 20110927	UNIV KONKUK IND COOP CORP [KR]	KR20100045086 20100513	H01M8/02; C04B35/10; H01M8/10	SUPERPROTONIC HYBRID MEMBRANES FROM SOLID ACID PROTON CONDUCTORS AND PROTON-BETA-ALUMINA AND THE PREPARATION METHOD THEREOF
KR101067448B B1 20110927	UNIV KONKUK IND COOP CORP [KR]	KR20100045088 20100513	H01M8/02; C01B25/37; C01F7/02; H01M8/10	SUPERPROTONIC HYBRID MEMBRANE FROM ZIRCONIUM PHOSPHATE SOLID ACID AND PROTON-BETA-ALUMINA AND THE PREPARATION METHOD THEREOF
KR20110096653 A 20110831	UNIV KONKUK IND COOP CORP [KR]	KR20100016004 20100223	H01M4/90; B01J29/44; H01M8/10	A METHOD FOR PREPARING PT-ZSM-5 AND AN APPLICATION THEREOF
KR20110090348 A 20110810	UNIV KOREA RES & BUS FOUND [KR]	KR20100010069 20100203	H01M8/02; B82B3/00	METHOD OF MANUFACTURING CARBON NANO TUBE WITH SEA URCHIN SHAPE, CONDUCTIVE FILLER-POLYMER COMPOSITE MATERIALS AND COMPOSITE SEPARATOR FOR FUEL CELL USING THE METAL-POLYMER COMPOSITE MATERIALS
KR20110095560 A 20110825	UNIV KOREA RES & BUS FOUND [KR]	KR20100015095 20100219	H01M8/04; H01M8/10	AIR COOLING TYPE FUEL CELL
KR20110095561 A 20110825	UNIV KOREA RES & BUS FOUND [KR]	KR20100015096 20100219	H01M8/04; H01M8/10	AIR COOLING TYPE FUEL CELL
KR20110098578 A 20110901	UNIV KOREA RES & BUS FOUND [KR]	KR20100018257 20100226	H01M4/88; B05D7/00; H01M8/10	DESIGN METHOD OF INTERNAL DIE STRUCTURE AND SLIT COATING DIE APPARATUS FOR UNIFORM COATING OF MEA IN PEMFC

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KR20110128128 A 20111128	UNIV KOREA RES & BUS FOUND [KR]	KR20100047337 20100520	C12N11/04; C12Q1/25; G01N33/50; H01M8/16	COMPLEX OF ENZYME-3 DIMENSIONAL STRUCTURE OF FIBER MATRIX, MANUFACTURING METHOD AND USE THEREOF
KR20110137756 A 20111223	UNIV KOREA RES & BUS FOUND [KR]	KR20100057555 20100617	H01M8/16; C12Q1/26; G01N27/327; G01N33/573	ELECTROLYTIC MATERIAL INCLUDING MINUTE TUBE ACCUMULATED ENZYME AND MAGNETIC NANOPARTICLE AND SWITCHABLE BIOSENSOR AND BIOFUELCELL USING THE SAME
JP2011142042 A 20110721	UNIV KYUSHU; MITSUBISHI MATERIALS CORP; KANSAI ELECTRIC POWER CO	JP20100002969 20100108	H01M8/02; H01M4/86; H01M8/12	POWER GENERATION CELL FOR SOLID OXIDE FUEL BATTERY AND ITS MANUFACTURING METHOD
US2011262839 A1 20111027	UNIV LELAND STANFORD JUNIOR [US]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20100038181 20100423; KR20100080000 20100818; KR20110013682 20110216	H01M8/12; H01M8/10	PROTON CONDUCTING ELECTROLYTE MEMBRANES HAVING NANO-GRAIN YSZ AS PROTECTIVE LAYERS, AND MEMBRANE ELECTRODE ASSEMBLIES AND CERAMIC FUEL CELLS COMPRISING SAME
ES2369830 A1 20111207	UNIV MADRID AUTONOMA [ES]	ES20100030706 20100513	B01D71/02; B01D67/00; H01M8/10	MEMBRANA NANOPOROSA. PROCEDIMIENTO DE OBTENCION DE DICHA MEMBRANA Y USO DE LA MISMA.
WO2011087821 A2 20110721	UNIV MASSACHUSETTS [US]; LOVLEY DEREK R [US]; NEVIN KELLY [US]	US20090289349P 20091222	H01M8/16; C12P7/00; H01M8/02	(A2 A3) MICROBIAL PRODUCTION OF MULTI-CARBON CHEMICALS AND FUELS FROM WATER AND CARBON DIOXIDE USING ELECTRIC CURRENT
WO2011146714 A2 20111124	UNIV MICHIGAN [US]; LINIC SULJO [US]; CHRISTOPHER PHILLIP N [US]	US20100346771P 20100520	B01J19/08; C01B31/20; C07D301/04; H01M4/86; H01M8/02	METHOD AND DEVICE USING PLASMON-RESONATING NANOSTRUCTURES

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WO2011116185 A2 20110922	UNIV MICHIGAN STATE [US]; REGUERA GEMMA [US]; SPEERS ALLISON [US]; YOUNG JENNA [US]	US20100314936P 20100317	H01M8/16; C12N1/20; C12P7/10; C12P7/64; H01M8/02	BIOFUEL AND ELECTRICITY PRODUCING FUEL CELLS AND SYSTEMS AND METHODS RELATED TO SAME
JP2011236320 A 20111124	UNIV NAGOYA	JP20100108421 20100510	C08B15/05; C08B33/04; H01B1/06; H01B1/12; H01B13/00; H01M10/0565; H01M10/0568	ION LIQUID-RETAINING MATERIAL, METHOD FOR PRODUCING THE SAME, AND IONICALLY ELECTROCONDUCTIVE MATERIAL
CN102198334 A 20110928	UNIV NANTONG	CN20111095689 20110418	A63H29/22; A63H17/00; H01M8/04	Intelligent car model with direct methanol fuel cell
US2011207026 A1 20110825	UNIV NAT CENTRAL [TW]	TW20100105091 20100222	H01M8/04	FUEL CELL BIPOLAR PLATE ASSEMBLY
US2011229784 A1 20110922	UNIV NAT CENTRAL [TW]	TW20100108062 20100318	H01M8/04	Flow regulator for fuel cell
TW201126360 A 20110801	UNIV NAT KAOHSIUNG APPLIED SCI [TW]	TW20100101621 20100121	G06F17/50; H01M8/04	Simulation system for fuel cells and simulation control method therefor
TW201123589 A 20110701	UNIV NAT TAIWAN SCIENCE TECH [TW]	TW20090145024 20091225	H01M4/48; H01M8/12	Solid oxide fuel cell and membrane electrode assembly used therein
WO2011097286 A2 20110811	UNIV NEW YORK STATE RES FOUND [US]; MARSCHLOK AMY [US]; TAKEUCHI ESTHER [US]; TAKEUCHI KENNETH [US]	US20100300719P 20100202	H01M12/06; B01J23/50; H01B1/12; H01M4/90; H01M8/02	ELECTRODES FOR METAL-AIR BATTERIES AND FUEL CELLS
JP2011162365 A 20110825	UNIV NIHON	JP20100024116 20100205	C01B3/24; B01J7/00; B01J19/08; B01J19/24	GAS GENERATOR

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WO2011159314 A2 20111222	UNIV NORTHEASTERN [US]; MUKERJEE SANJEEV [US]; HE QINGGANG [US]; KRTIL PETR [US]; MACOUNOVA KATERINA [US]	US20090218181P 20090618	H01M8/08	METAL CO-CATALYST ENHANCER OF ELECTRO-OXIDATION OF ETHANOL
WO2011160022 A1 20111222	UNIV NORTHEASTERN [US]; MUKERJEE SANJEEV [US]; HE QINGGANG [US]; RAMASWAMY NAGAPPAN [US]	US20100355787P 20100617	H01M8/10; H01M4/90	HIGHLY STABLE PLATINUM ALLOY CATALYST FOR METHANOL ELECTROOXIDATION
JP2011184789 A 20110922	UNIV OSAKA PREFECTURE	JP20100054622 20100311	C25B1/02; C01B3/04; H01M8/06	HYDROGEN PRODUCTION METHOD, HYDROGEN PRODUCTION APPARATUS AND POWER GENERATION SYSTEM
CN102208668 A 20111005	UNIV QINGDAO SCIENCE & TECH	CN20111093147 20110402	H01M8/06; C01B3/02; C02F3/28	Liquid-solid fluidized bed microbial fuel cell hydrogen production device
US2011318610 A1 20111229	UNIV QUEENSLAND [AU]	AU20080905337 20081015; WO2009AU01355 20091015	C25B1/30; C25B9/00; C25B11/06; H01M8/16	PRODUCTION OF HYDROGEN PEROXIDE
WO2011150458 A1 20111208	UNIV QUEENSLAND [AU]; ODABAE MOSTAFA [AU]; HOOMAN KAMEL [AU]	AU20100902389 20100601	H01M2/00; H01M8/00	A FUEL CELL STACK
WO2011154869 A2 20111215	UNIV RAMOT [IL]; PELED EMANUEL [IL]; GOLODNITSKY DIANA [IL]; MAZOR-SHAFIR HADAR [IL]; GOOR DAR MEITAL [IL]; AVSHALOMOV SHLOMO [IL]	US20100352414P 20100608	H01M12/06; H01M4/38; H01M8/06	RECHARGEABLE ALKALI METAL-AIR BATTERY

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WO2011089522 A2 20110728	UNIV RAMOT [IL]; PELED EMMANUEL [IL]; BLUM ARNON [IL]; AHARON ADI [IL]; TRAVITSKY NINA [IL]; KONRA YARON [IL]; SAADI KOBBI [IL]; ZEL VLADIMIR [IL]; GOOR MEITAL [IL]; ALON MEITAL [IL]; GORENSHTEIN ROY [IL]	US20100297853P 20100125	H01M4/92; H01M4/96; H01M8/18	CATALYSTS AND ELECTRODES FOR FUEL CELLS
US2011192727 A1 20110811	UNIV ROCHESTER [US]	US201113083737 20110411; US20090392150 20090225; US20080031492P 20080226; US20080101314P 20080930	C25D5/50; C30B15/14	(A1 B2) ION-CONDUCTING CERAMIC APPARATUS, METHOD, FABRICATION, AND APPLICATIONS
CN102136589 A 20110727	UNIV SHANGHAI JIAOTONG	CN20111071762 20110324	H01M8/04	Method for manufacturing enthalpy wheel of humidifier of fuel cell by utilizing aramid fiber material
CN102157747 A 20110817	UNIV SHANGHAI JIAOTONG	CN20111065618 20110318	H01M8/24	Device for automatically assembling fuel battery galvanic pile
CN102170002 A 20110831	UNIV SHENYANG JIANZHU	CN20111086329 20110407	H01M8/02	Fuel cell flow field structure with depth gradually- diminished flow channels
CN102201583 A 20110928	UNIV SHENYANG JIANZHU	CN20111101479 20110422	H01M8/02	Proton exchange membrane fuel cell flow field structure
JP2011134477 A 20110707	UNIV SHINSHU; ASAHI GLASS CO LTD	JP20090290921 20091222	H01M4/88; B01J23/46; B01J23/52; B01J37/02; H01M4/86; H01M4/92	METHOD OF MANUFACTURING ELECTRODE CATALYST FOR FUEL CELL

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US2011189582 A1 20110804	UNIV SOUTH CAROLINA [US]	US201113020356 20110203; US20100337365P 20100203	H01M8/12; B05D5/12; H01M4/90	Mixed Ionic and Electronic Conductor Based on Sr <sub>2</sub> Fe <sub>2-x</sub> MoXO <sub>6</sub> Perovskite
CN102130354 A 20110720	UNIV SOUTH CHINA TECH	CN20111008698 20110114	H01M8/24; H01M8/02; H01M8/10	Direct carbon solid oxide fuel cell power system
CN102136590 A 20110727	UNIV SOUTH CHINA TECH	CN20111026165 20110121	H01M8/10; B01J23/42; B01J23/44; H01M4/86; H01M4/90; H01M8/04	Air cathode-based miniature direct formic acid fuel cell
CN102122721 A 20110713	UNIV SOUTH CHINA TECH; ZHONGSHAN HUANNENG ELECTRONIC TECHNOLOGY CO LTD	CN20111003998 20110110	H01M8/06; C25B1/04	Hydrogen production device based on solid electrolyte electrolytic cell
US8083907 B1 20111227	UNIV SOUTH FLORIDA [US]	US20040711552 20040924; US20030481423P 20030926	C23C14/00; C23C14/32; H01M8/00	Hydrogen storage nano-foil and method of manufacture
WO2011117615 A1 20110929	UNIV SOUTHAMPTON [GB]; ANASTASOPOULOS ALEXANDROS [GB]; HAYDEN BRIAN ELLIOTT [GB]	GB20100005092 20100326	H01M4/86; H01M4/92; H01M8/10	FUEL CELL, CATALYST AND METHODS
CN102201585 A 20110928	UNIV SOUTHEAST	CN20111092089 20110413	H01M8/04	Method for controlling output voltage of solid oxide fuel cell
CN102249423 A 20111123	UNIV SOUTHEAST	CN20111195615 20110713	C02F3/32; C02F3/10; C02F3/28; H01M8/16	Structure for simultaneously realizing ecological sewage treatment and microbiological fuel cell electrogenesis

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CN201999929U U 20111005	UNIV SOUTHEAST	CN20102652874U 20101210	C12M1/107; C02F11/04; H01M8/16	Combined device for producing biogas and generating electricity using biogas feed liquid
JP2011249247 A 20111208	UNIV TOHOKU	JP20100123516 20100528	H01M8/02; C22C45/00; C22C45/02; C22C45/04; C23C14/14	FUEL CELL SEPARATOR AND MANUFACTURING METHOD THEREOF
JP2011258354 A 20111222	UNIV TOKYO AGRICULTURE; ASAHI GLASS CO LTD	JP20100130386 20100607	H01M4/86; H01M4/88; H01M4/96; H01M8/10	FUEL CELL ELECTRODE CATALYST, MANUFACTURING METHOD THEREOF, AND POLYMER ELECTROLYTE FUEL CELL MEMBRANE ELECTRODE ASSEMBLY
JP2011231281 A 20111117	UNIV TOKYO METROPOLITAN	JP20100105132 20100430	C08G73/10; H01M4/86; H01M8/02; H01M8/10	POLYIMIDE RESIN AND USE THEREOF
JP2011213763 A 20111027	UNIV TOKYO METROPOLITAN; KANEKA CORP	JP20100080479 20100331	C08G73/10; H01B1/06; H01M4/86; H01M8/02; H01M8/10	GRAFTED POLYIMIDE ELECTROLYTE
US2011274991 A1 20111110	UNIV TOLEDO [US]	US20090996854 20090605; US20080059989P 20080609; WO2009US46403 20090605	H01M8/06; B01J8/00; C10L3/00	Gradiator Reformer
JP2011249276 A 20111208	UNIV TOTTORI; HITACHI SHIPBUILDING ENG CO; TOMOE SEISAKUSHO KK; ADVANCED MATERIALS PROC INST KINKI JAPAN	JP20100124098 20100531	H01M8/02; H01M8/12	APPARATUS AND METHOD FOR PRODUCING ELECTROLYTE THIN FILM FOR SOLID OXIDE FUEL CELL

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US2011281139 A1 20111117	UNIV TSINGHUA [CN]	WO2009CN00111 20090123	H01M8/16; C02F1/469	Wastewater Treatment Process and Device for Electricity Generation and Desalination Simultaneously
CN102180508 A 20110914	UNIV WUHAN TECH	CN20111042024 20110221	C01F17/00; H01M8/02	Preparation method of high-crystallinity order mesoporous GDC (Gadolinia Doped Ceria) solid solution
CN202013919U U 20111019	UNIV WUHAN TECH	CN20112045750U 20110223	H01M8/24; H01M2/10	Metal double-polar-plate fuel cell galvanic pile
CN102122720 A 20110713	UNIV XIAMEN	CN20111026740 20110125	H01M8/02; C08F220/22; C08F220/34; C08J5/22; C08J7/12; H01M2/16	Fluorine-containing acrylate polymer anion exchange membrane and preparation method thereof
WO2011142481 A1 20111117	UNIV YAMANASHI [JP]; HIGASHIYAMA KAZUTOSHI [JP]; MIYAO TOSHIHIRO [JP]; WATANABE MASAHIRO [JP]; YAMASHITA HISAO [JP]; YAGI KIYOSHI [JP]; CHEN AIHUA [JP]	JP20100111530 20100513	C01B3/40; B01J23/755; B01J23/847; B01J23/89; B01J27/053; B01J27/128; B01J27/13; B01J37/08; H01M8/06	FUEL REFORMING DEVICE, METHOD FOR SELECTIVE METHANISATION OF CARBON MONOXIDE, CATALYST FOR SELECTIVE METHANISATION OF CARBON MONOXIDE, AND MANUFACTURING METHOD FOR SAME
WO2011099213 A1 20110818	UNIV YAMANASHI [JP]; KANEKA CORP [JP]; WATANABE MASAHIRO [JP]; MIYATAKE KENJI [JP]; TANAKA MANABU [JP]; MATSUNO SOICHI [JP]	JP20100028599 20100212	C08G65/48; C08G75/23; C08J5/22; C08J7/12; H01B1/06; H01M4/86; H01M8/02; H01M8/10	ANION-EXCHANGE RESIN AND FUEL CELL CONTAINING THE ANION-EXCHANGE RESIN



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KR20110121583 A 20111107	UNIV YONSEI IACF [KR]	KR20100040463 20100430	C01B31/02; C01G55/00; H01M4/583; H01M8/02	TRANSITION METAL OXIDE/GRAPHENE COMPOSITES BY USING MICROWAVE-POLYOL PROCESS AND SYNTHESIZING METHOD THEREOF
KR20110121584 A 20111107	UNIV YONSEI IACF [KR]	KR20100040483 20100430	C01B31/02; C01G23/00; H01M4/583; H01M8/02	TRANSITION METAL OXIDE/GRAPHENE COMPOSITES BY USING MICROWAVE-WATER PROCESS AND SYNTHESIZING METHOD THEREOF
CN102153050 A 20110817	UNIV ZHEJIANG	CN20111045206 20110224	C01B6/24; C01B3/02; H01M8/06	Doped Li-Mg-N-H hydrogen storage material
CN102167286 A 20110831	UNIV ZHEJIANG	CN20111070071 20110323	C01B6/24; C01B3/02; H01M8/04	Multi-element light-weight coordination hydride hydrogen-storing material as well as preparation method and application thereof
CN102255092 A 20111123	UNIV ZHEJIANG	CN20111149220 20110603	H01M8/04	Fuel cell, and method and device for controlling gas supply pressure stability of fuel cell
CN102146204 A 20110810	UNIV ZHEJIANG TECHNOLOGY	CN20111034247 20110131	C08L71/08; B01D61/44; B01J39/18; C08G65/40; C08G65/48; C08J3/24; C08J5/22; C08L71/10; H01M2/16; H01M8/02	Acid and alkali crosslinking proton exchange membrane and preparation thereof
MY144996 A 20111215	UNIVERSITI KEBANGSAAN MALAYSIA [MY]	MYPI20083067 20080813	H01M8/22	A METHOD OF PRODUCING BIPOLAR PLATE
MY145097 A 20111221	UNIVERSITI KEBANGSAAN MALAYSIA [MY]	MYPI20093256 20090806	H01M8/04	WATER-COOLED POLYMER ELECTROLYTE MEMBRANE FUEL CELL STACK

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US2011207007 A1 20110825	UNIVERSITI MALAYSIA PAHANG [MY]	MYPI20010000766 20100222	H01M8/06; C25B1/04; C25B9/00	SYSTEM TO PRODUCE HYDROGEN GAS FUEL
MY144976 A 20111202	UNIVERSITI TEKNOLOGI MARA [MY]	MYPI20092918 20090710	H01M8/00	SOLID POLYMER ELECTROLYTE FOR ELECTROCHEMICAL DEVICES
US8057938 B1 20111115	US ARMY [US]	US20060594861 20061109; US20050735991P 20051109	H01M8/00; H01M8/24	Structural fuel cells and components thereof
US8029602 B1 20111004	US NAVY [US]	US20090398249 20090305	H01M8/06; C07F5/02	Chemical hydrogen storage materials having guanidinium borohydride
CN102190810 A 20110921	USTC UNIV SCIENCE TECH CN	CN20111056534 20110309	C08J5/22; B01J41/12; C08G65/48; C08J5/04; C08L71/12; H01M2/16; H01M8/02	Method for preparing brominated-polyphenylene-ether-guanidination-based homogeneous anion exchange membrane
US2011177428 A1 20110721	UT BATTELLE LLC [US]	US20100690224 20100120	H01M8/08	Superbase-Derived Protic Ionic Liquids
AT518263T T 20110815	UTC FUEL CELLS LLC [US]	US20040816403 20040401; WO2005US07220 20050304	H01M2/14; H01M2/18; H01M8/02	BRENNSTOFFZELLEN-REAKTIONSMITTEL-STROMUNGSFELDE ZUR MAXIMIERUNG DER PLANFORM-AUSNUTZUNG
DE10084774 B4 20110714	UTC FUEL CELLS LLC N D GES D STAATES DELAWARE [US]	US19990368455 19990630; WO2000US17330 20000623	B01J7/00; B01J8/04; B01J19/24; C01B3/38; H01M8/06	Kompakte Brennstoffgas-Reformeranordnung mit Brennerwandungs-Temperatursteuerung
KR20110081267 A 20110713	UTC POWER CORP [US]	KR20117010136 20081117	H01M8/02; H01M8/04	FUEL CELL PLATE FLOW FIELD

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KR20110081287 A 20110713	UTC POWER CORP [US]	KR20117010396 20081121	H01M8/12; C22C19/03; H01M8/02	SOLID OXIDE FUEL CELL HAVING RIGIDIZED SUPPORT INCLUDING NICKEL-BASED ALLOY
KR20110084220 A 20110721	UTC POWER CORP [US]	KR20117010379 20081121	H01M8/02; H01M8/04; H01M8/12; H01M8/24	METHOD OF FORMING A FUEL CELL SHEET
KR20110096025 A 20110826	UTC POWER CORP [US]	KR20117011291 20081201	H01M8/04; H01M8/06; H01M8/10	ANODE UTILIZATION CONTROL SYSTEM FOR A FUEL CELL POWER PLANT
KR20110107320 A 20110930	UTC POWER CORP [US]	KR20117010293 20090115	H01M8/04; H01M8/02; H01M8/24	SYSTEM AND METHOD FOR REDUCING FUEL CELL POWER PLANT EMISSIONS
KR20110117262 A 20111026	UTC POWER CORP [US]	KR20117021904 20090408	H01M8/04; F28D1/053; H01M8/24	ACID FUEL CELL CONDENSING HEAT EXCHANGER
KR20110117263 A 20111026	UTC POWER CORP [US]	KR20117021905 20090413	H01M8/04; F28C3/00	FUEL CELL SYSTEM CONDENSING HEAT EXCHANGER
KR20110131175 A 20111206	UTC POWER CORP [US]	KR20117018432 20090302	H01M8/24; H01M8/04; H01M8/10	FUEL CELL SYSTEMS AND RELATED ARRANGEMENTS FOR LIMITING RELATIVE MOTION BETWEEN FUEL CELLS
WO2011133134 A1 20111027	UTC POWER CORP [US]; CIPOLLINI NED E [US]; DARLING ROBERT MASON [US]	WO2010US31568 20100419	H01M8/04; H01M8/10	FUEL CELL WATER MANAGEMENT ARRANGEMENT
WO2011109004 A1 20110909	UTC POWER CORP [US]; DARLING ROBERT M [US]	WO2010US00618 20100301	H01M8/04; H01M8/10	FUEL CELL REACTANT INLET HUMIDIFICATION
WO2011149442 A1 20111201	UTC POWER CORP [US]; PATTERSON TIMOTHY [US]; O'NEIL JONATHAN [US]	WO2010US01522 20100524	H01M8/02; B60L11/18; B82B3/00; H01M8/10	FUEL CELL HAVING A HYDROPHILIC NANOPOROUS REGION

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WO2011149458 A1 20111201	UTC POWER CORP [US]; PATTERSON TIMOTHY W [US]; BADRINARAYANAN PARAVASTU [US]	WO2010US36276 20100527	H01M8/04; H01M8/10	FUEL CELL CONTAMINANT REMOVAL METHOD
WO2011123102 A1 20111006	UTC POWER CORP [US]; PERRY MICHAEL L [US]	WO2010US29312 20100331	H01M8/04; G05D7/00	NOVEL FUEL-CELL-FLOW-FIELD DESIGN WITH IMPROVED FLOW UNIFORMITY
WO2011129797 A1 20111020	UTC POWER CORP [US]; RAMASWAMY SITARAM [US]; SAITO KAZUO [US]; NARASIMHAMURTHY PRAVEEN [US]; MARGIOTT PAUL R [US]; DARLING ROBERT M	WO2010US01079 20100412	H01M8/06; F25D17/02; H01M8/10	CONDENSER-FREE FUEL CELL BACKUP POWER SYSTEM
WO2011142750 A1 20111117	UTC POWER CORP [US]; RIDGEWAY KRISTOFFER [US]; HOFFMAN JOHN F [US]	WO2010US34489 20100512	H01M8/04; C09K3/10	APPLYING A SEAL TO A FUEL CELL COMPONENT
WO2011099956 A1 20110818	UTC POWER CORP [US]; SHAO MINHUA [US]; MERZOUGUI BELABBES [US]; PROTSAILO LESIA V [US]	WO2010US00414 20100212	B82B3/00; B82B1/00; H01M4/92; H01M8/10	PLATINUM MONOLAYER ON ALLOY NANOPARTICLES WITH HIGH SURFACE AREAS AND METHODS OF MAKING
WO2011099955 A1 20110818	UTC POWER CORP [US]; SHAO MINHUA [US]; PROTSAILO LESIA V [US]	WO2010US00411 20100212	B82B1/00; B82B3/00; H01M4/92; H01M8/10	PLATINUM NANOPARTICLES HAVING HOLLOW SKELETAL STRUCTURES AND METHODS OF MAKING
WO2011099957 A1 20110818	UTC POWER CORP [US]; SHAO MINHUA [US]; PROTSAILO LESIA V [US]	WO2010US00415 20100212	B82B3/00; B82B1/00; H01M4/92; H01M8/10	PLATINUM MONOLAYER ON HOLLOW, POROUS NANOPARTICLES WITH HIGH SURFACE AREAS AND METHOD OF MAKING
WO2011142732 A1 20111117	UTC POWER CORP [US]; SKIBA TOMMY [US]; MARZULLO JESSE M [US]	WO2010US01376 20100510	H01M8/02; B32B27/00; C08J5/22; H01M8/10	CROSS LAMINATED ELECTROCHEMICAL CELL MEMBRANES

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WO2011142745 A1 20111117	UTC POWER CORP [US]; TOYOTA MOTOR CO LTD [JP]; PANDY ARUN [US]; CHIAPPETTA LOUIS JR [US]; DARLING ROBERT MASON [US]; GUMMALLA MALLIKA [US]	WO2010US34337 20100511	H01M8/04; H01M8/10	MODIFICATION TO STAMPABLE FLOWFIELDS TO IMPROVE FLOW DISTRIBUTION IN THE CHANNELS OF PEM FUEL CELLS
WO2011093899 A1 20110804	UTC POWER CORP [US]; VICTOR STEPHEN P [US]; KATTMAN BRADEN R [US]	WO2010US22691 20100201	H01M8/02	FUEL CELL PLATE WITH RECYCLED MATERIAL
WO2011146041 A1 20111124	UTC POWER CORP [US]; YADHA VENKATESHWARLU [US]; WILSON MATTHEW P [US]; RILEY MATTHEW I [US]; RAMASWAMY SITARAM [US]	WO2010US01485 20100520	H01M8/04; B60L11/18; H01M8/10	QUICK RESTART OF FUEL CELL POWER PLANT AS ALTERNATIVE TO IDLING
WO2011096939 A1 20110811	UTC POWER CORP [US]; YAMANIS JEAN [US]; FRAME DUSTIN [US]; CHEN LEI [US]; SUN ELLEN [US]	WO2010US23448 20100208	H01M8/02; C01G45/00; C01G51/00; G01N27/00; H01M8/12	METHOD AND DEVICE USING A CERAMIC BOND MATERIAL FOR BONDING METALLIC INTERCONNECT TO CERAMIC ELECTRODE
WO2011162769 A2 20111229	UTC POWER CORP [US]; YAMANIS JEAN [US]; WARRIER SUNIL [US]; ARSENAULT-PREECE SARAH [US]; HAWKES JUSTIN [US]	WO2010US39979 20100625	H01M8/24	COMPOSITE SEAL FOR FUEL CELLS, PROCESS OF MANUFACTURE, AND FUEL CELL STACK USING SAME
US2011311887 A1 20111222	UWM RES FOUNDATION INC [US]	US201113160929 20110615; US20100355438P 20100616	H01M8/16; C02F3/00	MICROBIAL DESALINATION CELLS

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US2011290727 A1 20111201	VAN ENGELEN RONNY [NL]	EP20090150878 20090119; WO2010GB50066 20100118	C02F1/44; B01D39/16; B05D3/06; C02F1/46; C02F1/469; H01M8/10; H01M10/44; H05H1/24	Process for Preparing Membranes
US2011182804 A1 20110728	VELOCYS INC [US]	US201113012797 20110124; US20050088685 20050323; US20040556014P 20040323	C23C16/40; B01J10/00; B01J19/00; B01J21/04; B01J37/02; B01J37/08; C01B3/26; C01B3/38; C23C8/10; C23C16/00; C23C16/12; C23C16/56	Protected Alloy Surfaces In Microchannel Apparatus and Catalysts, Alumina Supported Catalysts, Catalyst Intermediates, and Methods of Forming Catalysts and Microchannel Apparatus
JP2011238620 A 20111124	VERSA POWER SYSTEMS LTD	US20020319811P 20021224	H01M8/02; B28B1/30; F16J15/02; F16J15/06; F16J15/10; H01M2/08; H01M8/12; H01M8/24	HIGH TEMPERATURE GAS SEAL
JP2011249342 A 20111208	VERSA POWER SYSTEMS LTD	US20030604413 20030718	H01M8/02; H01M8/24	FUEL CELL STACK

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AT535955T T 20111215	VISSMANN WERKE KG [DE]	DE200510030909 20050630	H01M8/04; C01B3/38; H01M8/06	VERFAHREN ZUM STARTEN EINER BRENNSTOFFZELLENANLAGE
JP2011253742 A 20111215	VISION DEV CO LTD	JP20100127451 20100603	H01M4/96; H01M4/88; H01M4/90	CATALYST LAYER FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
DE102010056133 A1 20111124	VOLKSWAGEN AG [DE]	DE201010021302 20100522; DE201010056133 20101223	H01M8/10	Substrate coating method for production of diffusion electrode of e.g. gas proton exchange membrane fuel cell, that is utilized to generate electrical energy from fuel e.g. hydrogen, involves optionally drying sprayed layer
CA2694109 A1 20110918	VOON GERARD [CA]	CA20102694109 20100318	H01M8/00; H01M8/04	NEW FUEL CELL DESIGN
CA2694153 A1 20110918	VOON GERARD [CA]	CA20102694153 20100318	H01M8/00; H01M8/04	STEAM REFORMATION FUEL CELL WITH WASTE HEAT COGENERATION TURBINE HEAT TO ENERGY PYROELECTRIC CRYSTALS AND/OR THERMO-COUPPLING ANY AND ALL WASTE HEAT TO ENERGY TECHNOLOGIES AND/OR NEW MACRO- MICROS FUEL CELL POWER PLANT DESIGN
DE102010029990 A1 20111215	WACKER CHEMIE AG [DE]	DE201010029990 20100611	B01D71/62; H01M4/86; H01M8/02	Polymerfilme auf der Basis von Polyazolen
FI20105196 A 20110902	WAERTSILAE FINLAND OY [FI]	FI20100005196 20100301	H01M8/04; H01M8/12	Menetelmä ja järjestely anodin hapettumisen estämiseksi
KR20110098945 A 20110902	WAERTSILAE FINLAND OY [FI]	FI20080006181 20081209	H02J3/38; H01M8/12; H02M7/48	FUEL CELL DEVICE AND METHOD FOR FEEDING ELECTRICAL CURRENT TO ELECTRICAL NETWORK
WO2011151510 A1 20111208	WAERTSILAE FINLAND OY [FI]; AASTROEM KIM [FI]; HOTTINEN TERO [FI]	FI20100005636 20100604	H01M8/04	METHOD AND ARRANGEMENT TO CONTROL THE HEAT BALANCE OF FUEL CELL STACKS IN A FUEL CELL SYSTEM

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WO2011128498 A1 20111020	WAERTSILAE FINLAND OY [FI]; AASTROEM KIM [FI]; OLLIKAINEN TONI [FI]	FI20100005377 20100412	H01M8/04; H01M8/06	METHOD AND ARRANGEMENT FOR CONTROLLING FUEL FEED IN THE FUEL CELL SYSTEM
WO2011157887 A1 20111222	WAERTSILAE FINLAND OY [FI]; NOPONEN MATTI [FI]; AASTROEM KIM [FI]	FI20100005697 20100616	H01M8/04; H01M8/06	CONTROL ARRANGEMENT AND METHOD IN FUEL CELL SYSTEM
TWM406812U U 20110701	WANSHIH ELECTRONIC CO LTD [TW]	TW100201793U 20110127	H01M8/04	Fuel cell apparatus with monitoring temperature
TWM408811U U 20110801	WANSHIH ELECTRONIC CO LTD [TW]	TW100202503U 20110209	H01M8/00	Fuel cell apparatus with multiple voltages output
US2011262818 A1 20111027	WEIDNER JOHN W [US]	US201113094258 20110426; US20100343293P 20100426	H01M8/06	Electrochemical Removal of Contaminants from Hydrogen
FR2961349 A1 20111216	WIELAND FRIEDRICH WILHELM [DE]	US20100813226 20100610	H01M4/86; H01M8/10	Electrode for fuel cell used in electrically powered cars comprises
CN102150605 A 20110817	WIXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	CN20101592160 20101207	A01G31/02; F03D9/00; H01M8/06; H02N6/00	Temperature-adjusting and humidity-adjusting device applying light-wind-hydrogen new energy system to bean sprout machine
TW201125203 A 20110716	WU CHIA-TIEN [TW]; WU CHIA-YUN [TW]	TW20100100746 20100113	H01M8/04; H01M8/18	Battery
CN201893410U U 20110706	WUHAN INTEPOWER CO LTD	CN20102610395U 20101117	H01M8/24; H01M8/04	Air-cooling electric pile fuel cell system with waterproof function
CN102244281 A 20111116	WUHAN NARI LTD LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RES INSTITUTE	CN20111139027 20110527	H01M8/04	Method for sealing liquid reservoir for liquid flow battery
CN102170008 A 20110831	WUXI GUOYING TECHNOLOGY CO LTD	CN20111088023 20110408	H01M8/18; H01M2/26; H01M8/02; H01M8/24	Non-current vanadium element secondary battery



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CN102198354 A 20110928	WUXI GUOYING TECHNOLOGY CO LTD	CN20111119146 20110510	B01D46/00; B01D53/22; C01B3/06; H01M8/06	Filter structure for purifying hydrogen gas
CN202050021U U 20111123	WUXI GUOYING TECHNOLOGY CO LTD	CN20112101169U 20110408	H01M8/18; H01M4/86; H01M8/02; H01M8/24	Non-flow type vanadium secondary battery
CN102132648 A 20110727	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	CN20101569880 20101126	A01D41/02; A01D69/00; C25B1/04; H01M8/06; H02J7/00	Power device of new solar-hydrogen energy applied to rape harvester
CN201905042U U 20110727	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	CN20102535110U 20100913	A01D46/10; A01D46/14; C25B1/04; H01M8/06; H02J7/00	Cotton picker using new solar-hydrogen energy source as power device
KR20110092199 A 20110817	XFC INC [KR]	KR20100011643 20100208	H01M8/06; C02F1/461; H01M8/04; H01M8/10	FUEL CELL SYSTEM USING HYDROGEN FROM ELECTROLYZER OF SEA WATER
KR20110136195 A 20111221	XFC INC [KR]	KR20100056044 20100614	C25B1/02; C25B1/04; H01M8/04; H01M8/06	FUEL CELL SYSTEM USING HYDROGEN FROM ELECTROLYZER OF SEA WATER
KR20110136196 A 20111221	XFC INC [KR]	KR20100056045 20100614	C25B1/02; C25B1/04; H01M8/04; H01M8/06	FUEL CELL SYSTEM USING HYDROGEN FROM ELECTROLYZER OF SEA WATER

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KR20110136197 A 20111221	XFC INC [KR]	KR20100056046 20100614	H01M8/06; B60L11/18; C25B1/04; H01M8/04	FUEL CELL SYSTEM USING HYDROGEN FROM ELECTROLYZER OF SEA WATER
KR20110136198 A 20111221	XFC INC [KR]	KR20100056047 20100614	H01M8/06; C25B1/04; H01M8/04; H02M7/00	FUEL CELL SYSTEM USING HYDROGEN FROM ELECTROLYZER OF SEA WATER
KR20110124947 A 20111118	XFC INC [KR]; SNU R&AMP DB FOUNDATION [KR]	KR20100044435 20100512	H01M4/88; B05D1/02; H01M8/04; H01M8/10	FLEXIBLE FUEL CELL
CN201904404U U 20110720	XIAOJUN MA	CN20102597064U 20101109	H01M8/06	Storage battery
US2011236769 A1 20110929	XIE XING [US]; HU LIANGBING [US]; CUI YI [US]; CRIDDLE CRAIG S [US]	US201113070158 20110323; US20100316641P 20100323	H01M8/16	THREE DIMENSIONAL ELECTRODES USEFUL FOR MICROBIAL FUEL CELLS
WO2011087467 A1 20110721	XU WEN-QING [US]	WO2009US05822 20100113	B01J23/755; B01J23/888; C01B3/40; H01M4/90; H01M8/06	NICKEL-BASED REFORMING CATALYST
US2011274990 A1 20111110	XU YANG G [US]	US20100834552 20100712; US20100332248P 20100507	H01M8/06; H01M8/10	Methanol and Hydrogen Peroxide Fuel Cell with Hydroxyl Ion Exchange Membrane
AT529911T T 20111115	YAMAHA CORP [JP]	JP20060242564 20060907	H01M8/04; F04B39/00; F04B39/06	VORRICHTUNG ZUM ZUFÜHREN VON LUFT ZU EINER BRENNSTOFFZELLE

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JP2011206705 A 20111020	YAMATAKE CORP	JP20100077610 20100330	B01J19/08; B01D53/32; B01D53/56; B01D53/72; B01D53/74; B01D53/86; F23J15/00	GAS TREATMENT APPARATUS
JP2011206743 A 20111020	YAMATAKE CORP	JP20100079377 20100330	B01D53/32; A61L9/22; B01D53/38; B01D53/44; B01D53/50; B01D53/56; B01D53/62; B01D53/74; B01J19/08	GAS TREATMENT APPARATUS
JP2011236107 A 20111124	YANAGIHARA TAKESHI	JP20100122062 20100511	C01B3/06; C01B33/02; H01M8/06; H01M8/22	SILICON POWDER COMPOSITION FOR HYDROGEN GENERATION, AND ENERGY SYSTEM CAPABLE OF STORAGE, TRANSPORTATION AND CIRCULATION USING THE SAME
TW201125904 A 20110801	YANG CHUN-CHEN [TW]	TW20100101176 20100118	C08J5/22; C08J3/24; C08K3/34; C08L25/18; C08L29/04; H01M8/02; H01M8/10	Production method for composite polyvinyl alcohol/g -montmorillonite/polystyrene sulfonic acid electrolyte membrane and application thereof

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TW201125906 A 20110801	YANG CHUN-CHEN [TW]	TW20100101177 20100118	C08J9/26; C08J3/24; C08J5/22; C08L29/04; C08L71/02; H01M8/02; H01M8/10	Production method for porous polyvinyl alcohol/polyoxyethylene polymer electrolyte membrane and application thereof
EP2348563 A1 20110727	YANG TAI-HER [TW]	US20100656212 20100121	H01M4/70; H01M2/26; H01M4/72; H01M8/02	Equalizing electrode plate with insulated split-flow conductive structure
JP2011247818 A 20111208	YAZAKI CORP	JP20100123098 20100528	G01R19/00; H01M8/04; H01M10/48	VOLTAGE MEASURING INSTRUMENT FOR ASSEMBLED BATTERY
WO2011136111 A1 20111103	YAZAKI CORP [JP]; ISHIKAWA SATOSHI	JP20100103799 20100428	H01M8/04; B60L3/00; B60L11/18; G01R19/00; H01M8/00	VOLTAGE DETECTION DEVICE FOR FUEL CELL
JP2011196754 A 20111006	YOKOGAWA ELECTRIC CORP	JP20100062124 20100318	G01R31/36; H01M8/04; H01M10/04	DEVICE AND METHOD FOR EVALUATING BATTERY
JP2011198496 A 20111006	YOKOGAWA ELECTRIC CORP	JP20100060894 20100317	H01M8/04	FUEL CELL EVALUATION DEVICE AND FUEL CELL EVALUATION METHOD
JP2011228131 A 20111110	YOKOGAWA ELECTRIC CORP	JP20100097075 20100420	H01M8/04; H01M8/02	METHOD OF CALCULATING ACTIVE SURFACE AREA OF CELL CATALYST
JP2011232075 A 20111117	YOKOGAWA ELECTRIC CORP	JP20100100754 20100426	G01R31/36; G01R27/02; H01M8/04; H01M10/48	DEVICE FOR EVALUATING BATTERY CHARACTERISTICS AND METHOD FOR EVALUATING BATTERY CHARACTERISTICS

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KR101095103B B1 20111216	YOULCHON CHEMICAL CO LTD [KR]	KR20100056516 20100615	C01B3/04; B01J31/18; H01M8/06; H01M8/10	METHOD AND APPARATUS FOR GENERATING HYDROGEN FROM AMMONIA BORANE BASED HYDROGEN STORAGE MATERIAL, CATALYST USED THEREIN, APPARATUS USING THE GENERATED HYDROGEN
CN102126705 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002982 20100115	C01B3/06; H01M8/06	Hydrogen generating device and fuel batteries
CN102130345 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002981 20100115	H01M8/04; H01M8/00	Fuel cell system and power supply management method thereof
CN102130346 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002983 20100115	H01M8/04; H01M8/02; H01M8/22	Excessive hydrogen depletion unit, fuel cell unit and fuel cell system
CN102130347 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002984 20100115	H01M8/04	Fuel cartridge of fuel cell and fuel cartridge operation method
CN102130348 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002986 20100115	H01M8/04; H01M8/02	Fuel box and hydrogen storage method
CN102130351 A 20110720	YOUNG GREEN ENERGY CO [TW]	CN20101002980 20100115	H01M8/06; C01B3/06; H01M8/02	Hydrogen generation device and fuel cell with hydrogen generation device
CN102136586 A 20110727	YOUNG GREEN ENERGY CO [TW]	CN20101104053 20100126	H01M8/04; H01M8/06	Fuel cell system and power supply management method thereof
CN102139857 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101108969 20100201	C01B3/02; H01M8/04; H01M8/06; H01M8/24	Hydrogen generation device and fuel cell with hydrogen generation device
CN102139858 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101106989 20100129	C01B3/06; H01M8/06; H01M8/24	Hydrogen generating device and fuel cell with same
CN102142567 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101108959 20100201	H01M8/02; H01M8/06	Hydrogen generation device and fuel cell with hydrogen generation device

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102142568 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101106792 20100129	H01M8/04	Humidification unit and fuel box
CN102142569 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101106779 20100129	H01M8/06	Hydrogen generator and fuel cell comprising same
CN102142570 A 20110803	YOUNG GREEN ENERGY CO [TW]	CN20101113556 20100203	H01M8/06; H01M8/02; H01M8/04	Fuel cell system
US2011177412 A1 20110721	YOUNG GREEN ENERGY CO [TW]	CN20101002985 20100115	H01M8/06	POWERING METHOD AND POWERING DEVICE OF FUEL CELL
US2011189571 A1 20110804	YOUNG GREEN ENERGY CO [TW]	CN20101112989 20100204	H01M8/04	FUEL CELL SYSTEM AND METHOD OF CONTROLLING FUEL GENERATING REACTION AND COMPUTER
US2011217606 A1 20110908	YOUNG GREEN ENERGY CO [TW]	CN20101130007 20100305	H01M8/06	HYDROGEN GENERATION DEVICE AND FUEL CELL
US2011287337 A1 20111124	YU YEON TAE [KR]	KR20090007202 20090130; WO2009KR04037 20090721	H01M8/10; C25D5/18; H01M4/86	METHOD FOR PULSE PLATING CARBON BLACK SHEET WITH METALLIC NANO PARTICLE THIN FILM LAYER, AND CARBON BLACK SHEET AND FUEL CELL POLYMER ELECTROLYTE MEMBRANE/ELECTRODE ASSEMBLY PREPARED USING SHEET
CN102157745 A 20110817	ZHEJIANG GAOCHENG LVNENG TECHNOLOGY CO LTD	CN20101618354 20101231	H01M8/06; C01B3/02	Hydrogen production system and application thereof
DE202010017389 U U1 20111212	ZOZ GMBH [DE]	DE201020017389U 20101015	C01B3/00; H01M8/06	Verwendung eines Metallhydrids, Tank und System für das Metallhydrid

## ANEXO I - Códigos dos Principais Países

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

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

<sup>1</sup> 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.

<sup>2</sup> 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

CN102263275	CN201985206U	JP4753580B2	JP4814243B2
CN102263276	CN201985207U	JP4754214B2	JP4815492B2
CN102263277	CN201985208U	JP4754496B2	JP4820947B2
CN102263278	CN201990736U	JP4754687B2	JP4824136B1
CN102263279	CN202058810U	JP4754782B2	JP4824137B1
CN102263280	CN202067865U	JP4756155B2	JP4825671B2
CN102270764	CN202076373U	JP4757792B2	JP4829779B2
CN102270767	CN202084601U	JP4758986B2	JP4833087B2
CN102276064	CN202087144U	JP4759507B2	JP4833860B2
CN102276859	CN202094216U	JP4761248B2	JP4833978B2
CN102277388	CN202094217U	JP4765077B2	JP4837216B2
CN102280652	CN202094218U	JP4765935B2	JP4837253B2
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CN102290583	JP2011520407	JP4771292B2	JP4838134B2
CN102290585	JP2011521900	JP4772673B2	JP4838721B2
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CN102299283	JP2011526337	JP4777615B2	KR101067226B
CN102299342	JP2011526873	JP4777654B2	KR20110009731U
CN102299343	JP2011527385	JP4779649B2	RU108217U
CN102299350	JP4716304B2	JP4781818B2	RU109758U
CN102299351	JP4716305B2	JP4782331B2	RU111355U
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CN102299354	JP4722361B2	JP4783281B2	WO2011116169
CN102299355	JP4724423B2	JP4785384B2	WO2011117357
CN102299356	JP4724715B2	JP4785527B2	
CN102299357	JP4726301B2	JP4785734B2	
CN102299358	JP4727419B2	JP4786181B2	
CN102299359	JP4728217B2	JP4786342B2	
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CN102299361	JP4734253B2	JP4789949B2	
CN102299362	JP4736298B2	JP4794170B2	
CN201911047U	JP4736299B2	JP4794804B2	
CN201918460U	JP4738350B2	JP4795949B2	
CN201919320U	JP4738598B2	JP4795950B2	
CN201928652U	JP4738816B2	JP4796055B2	
CN201938088U	JP4739220B2	JP4796274B2	
CN201946690U	JP4741370B2	JP4796957B2	
CN201946691U	JP4742043B2	JP4799866B2	
CN201946692U	JP4745611B2	JP4800439B1	
CN201956424U	JP4747842B2	JP4800919B2	
CN201965211U	JP4748914B2	JP4800923B2	
CN201966281U	JP4748937B2	JP4800942B2	
CN201971901U	JP4750018B2	JP4804350B2	
CN201975465U	JP4750334B2	JP4805157B2	
CN201976452U	JP4750709B2	JP4805908B2	
CN201985204U	JP4751323B2	JP4807077B2	
CN201985205U	JP4751383B2	JP4807918B2	