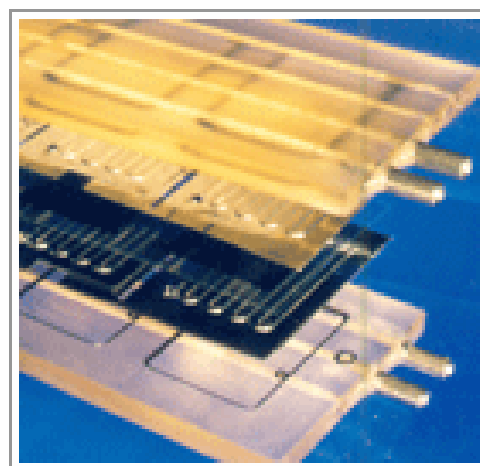


## Pedidos de Patente de Tecnologias Relativas a Células a Combustível



Pedidos publicados no  
1º semestre de 2011

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# **1 - INTRODUÇÃO**

## **1.1 - ALERTA TECNOLÓGICO**

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

O Centro de 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

Centro de Disseminação da Informação Tecnológica – CEDIN

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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  $ZrO_2$  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 2.537 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, Coréia, Estados Unidos da América, China e Alemanha. Observa-se, através da comparação com os resultados obtidos nos Alertas publicados anteriormente, disponíveis para consulta em <https://www.inpi.gov.br/menu-esquerdo/informacao/servicos-e-produtos/alerta-tecnologico-1.html>, que o Japão permanece em primeiro lugar no *ranking* e que a Coréia ultrapassou os Estados Unidos ocupando atualmente 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 49%), o que reflete uma supremacia da pesquisa em mãos de empresas daquele país ou a escolha de primeiro depósito naquele país.

Na Tabela nº 2, apresentada mais adiante neste Alerta, verifica-se que, neste período, foram recuperados 3 pedidos com prioridade brasileira: PI0901304, depositado pela Brother's Administracao de Bens Ltda, PI0903038,

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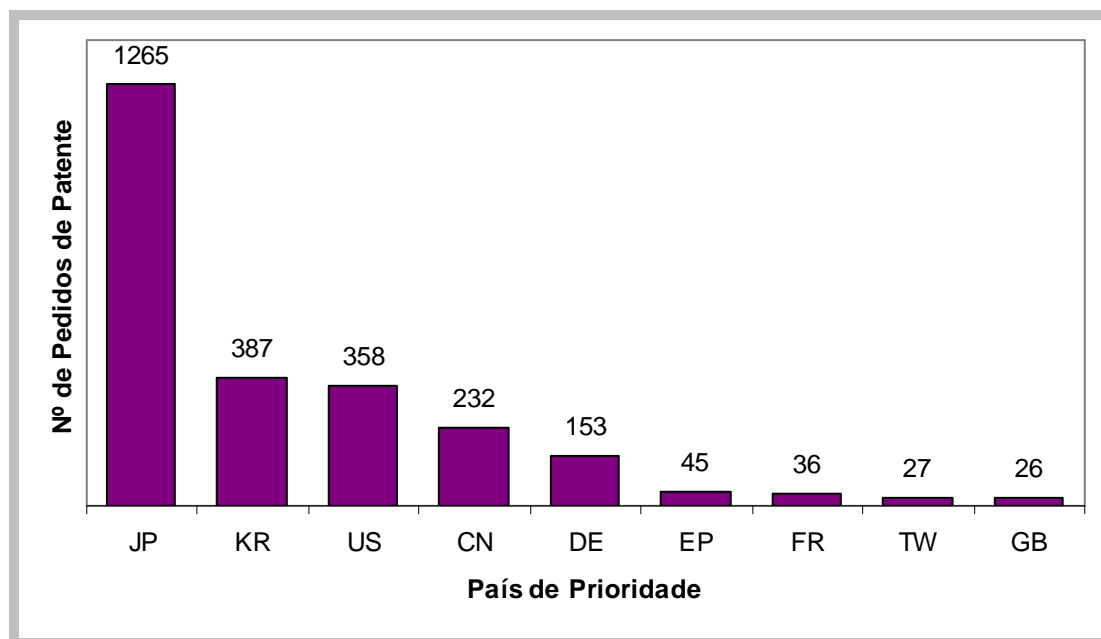
<sup>5</sup> A lista com os códigos dos países está disponível no Anexo I.

<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).



depositado pela Comissão Nacional de Energia Nuclear e MU8901656, depositado por José Rui Camargo.

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

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

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

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

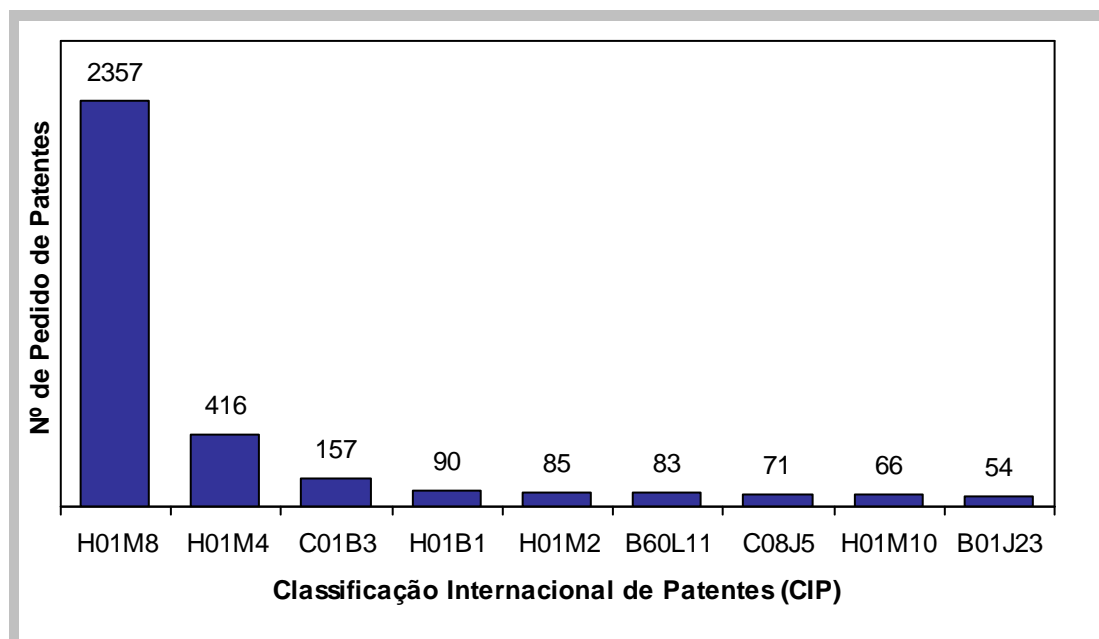
C08J5 - Manufatura de artigos ou de materiais modelados contendo substâncias macromoleculares.

H01M10 - Células secundárias; Sua fabricação

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

Cotejando o resultado obtido das classificações nos Alertas já publicados, disponíveis para consulta em <https://www.inpi.gov.br/menu-esquerdo/informacao/servicos-e-produtos/alerta-tecnologico-1.html>, 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 1º 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 1º semestre de 2011, estando relacionados os que aparecem em 20 ou mais pedidos. A primeira coluna contém os nomes dos depositantes e a segunda, o total de documentos recuperados no período para cada empresa.

A partir desta tabela observa-se que das 13 empresas com maior número de pedidos depositados a maior parte é japonesa. Este dado encontra-se compatível com o resultado mostrado no Gráfico nº 1, onde se encontra registrado que grande parte dos depósitos foram efetuados primeiro no Japão.

Cotejando o resultado obtido dos maiores depositantes nos Alertas já publicados, disponíveis para consulta em <https://www.inpi.gov.br/menu-esquerdo/informacao/servicos-e-produtos/alerta-tecnologico-1.html>, observa-se que ainda há predominância das empresas com competência no setor automobilístico, 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 1º semestre de 2011

Nome do Depositante	Total de Documentos
TOYOTA MOTOR [JP]	195
HONDA MOTOR CO LTD [JP]	87
HYUNDAI MOTOR CO LTD [KR]	83
PANASONIC CORP [JP]	71
DAIMLER CHRYSLER AG [DE]	68
GM GLOBAL TECH OPERATIONS INC [US]	45
FORD GLOBAL TECH LLC [US]	33
KIA MOTORS CORP [KR]	31
NISSAN MOTOR [JP]	31
TOTO LTD [JP]	29
TOSHIBA CORP [JP]	28
HYOSUNG CORP [KR]	25
KYOCERA CORP [JP]	24

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 1º semestre de 2011

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT501530T T 20110315	DE20001040282 20000814; WO2001DE03003 20010813	2S SOPHISTICATED SYSTEMS LTD [GB]	H01M8/02; H01M8/10; B01J19/00; H01M4/86; H01M8/12; H01M8/24	MICROREACTOR
AT498212T T 20110215	US20020115731 20020403; WO2003US04276 20030211	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10; H01M8/02; H01M8/24	APPARATUS AND METHOD FOR SEPARATING A FUEL CELL ASSEMBLY FROM A BONDING FIXTURE
US2011027492 A1 20110203	US20100906567 20101018; US20030666626 20030918	3M INNOVATIVE PROPERTIES CO [US]	C08J7/18; H01M8/02	FUEL CELL GAS DIFFUSION LAYER
US2011000615 A1 20110106	US20100882310 20100915; US20050230091 20050919	3M INNOVATIVE PROPERTIES CO [US]	B29C70/40; H01M8/10	FUEL CELL ELECTROLYTE MEMBRANE WITH BASIC POLYMER
US2011151351 A1 20110623	US20100976303 20101222; US20090288950P 20091222	3M INNOVATIVE PROPERTIES CO [US]	H01M8/04; H01M8/10	MEMBRANE ELECTRODE ASSEMBLIES INCLUDING MIXED CARBON PARTICLES
US2011151353 A1 20110623	US20100976168 20101222; US20090288882P 20091222	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10	FUEL CELL ELECTRODE WITH NANOSTRUCTURED CATALYST AND DISPERSED CATALYST SUBLAYER
US2011151350 A1 20110623	US20100972959 20101220; US20090289036P 20091222	3M INNOVATIVE PROPERTIES CO [US]	H01M8/10; H01M8/00	FUEL CELL SUBASSEMBLIES INCORPORATING SUBGASKETED THRIFTED MEMBRANES
AT512478T T 20110615	US20000197741P 20000418; WO2001US12713 20010418	3M INNOVATIVE PROPERTIES CO [US]	H01M4/86; H01M8/10; B05D5/12; H01M4/00; H01M4/88; H01M6/00; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY HAVING ANNEALED POLYMER ELECTROLYTE MEMBRANE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102035007 A 20110427	CN20091176983 20090925	63971 FORCES, PLA	H01M8/18; H01M4/02; H01M4/60; H01M8/24; H01M10/36	WATER-SOLUBLE ORGANIC COUPLE REDOX FLOW BATTERY
US2011053005 A1 20110303	US20100876816 20100907; US20070768560 20070626; US20060277696 20060328; US20030385069 20030310; US20010961621 20010924; US19980203227 19981130; US19980089900P 19980617	ABBOTT DIABETES CARE INC	H01M8/16	BIOLOGICAL FUEL CELL AND METHODS
US2011104046 A1 20110505	US20090992924 20090515; US20080053802P 20080516; WO2009CA00666 20090515	ABDUR-RASHID KAMALUDDIN [CA]; GRAHAM TODD [CA]; TSANG CHI-WING [CA]; CHEN XUANHUA [CA]; GUO RONGWEI [CA]; JIA WENLI [CA]	C01B3/02; B01J8/02; C08G79/08; H01M8/06	METHOD FOR THE PRODUCTION OF HYDROGEN FROM THE DEHYDROCOUPLING OF AMINE BORANES
US2011070152 A1 20110324	US20080600712 20080516; US20070938912P 20070518; WO2008CA00943 20080516	ABDUR-RASHID KAMALUDDIN [CA]; GRAHAM TODD [CA]; TSANG CHI-WING [CA]; CHEN XUANHUA [CA]; GUO RONGWEI [CA]; JIA WENLI [CA]; AMOROSO DINO [CA]; SUI-SENG CHRISTINE [CA]	C01B3/08; B01J19/00; H01M8/06	METHOD FOR THE PRODUCTION OF HYDROGEN FROM AMMONIA BORANE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011015875 A1 20110210	GB20090013638 20090805	ACAL ENERGY LTD [GB]; KNUCKEY KATHRYN [GB]; ROCHESTER DAVID [GB]; CREETH ANDREW MARTIN [GB]	H01M8/18	FUEL CELLS
KR20110035016 A 20110406	KR20090092558 20090929	ACOD INC [KR]	H01M8/04; F23D11/10	FUEL REFORMER BURNER OF FUEL CELL SYSTEM
US2011123884 A1 20110526	US20090624951 20091124	ADAPTIVE MATERIALS INC [US]	H01M8/00	METHOD FOR CONTROLLING A FUEL CELL SYSTEM DURING SHUTDOWN
WO2011037855 A2 20110331	US20090565565 20090923	ADAPTIVE MATERIALS INC [US]; CRUMM AARON [US]; LABRECHE TIMOTHY [US]; OHL GREGORY [US]; ERNST NATHAN [US]; GORSKI MICHAEL [US]	B64D27/24; B64D31/00; B64D37/00; B64D41/00; H01M8/04	METHOD FOR MANAGING POWER BOOST IN A FUEL CELL POWERED AERIAL VEHICLE
WO2011037850 A2 20110331	US20090565560 20090923	ADAPTIVE MATERIALS INC [US]; CRUMM AARON [US]; LABRECHE TIMOTHY [US]; OHL GREGORY [US]; ERNST NATHAN [US]; GORSKI MICHAEL [US]	B64D27/24; B64D31/00; B64D37/00; B64D41/00; H01M8/04	METHOD FOR MANAGING POWER AND ENERGY IN A FUEL CELL POWERED AERIAL VEHICLE BASED ON SECONDARY OPERATION PRIORITY



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE102009034314 A1 20110203	DE200910034314 20090723	ADENSIS GMBH [DE]	H01M8/00; B01J19/08; H01M8/02; H01M8/24	MATERIAL-SELECTIVE MILLING OF FUEL CELL STACK, PREFERABLY SOLID OXIDE FUEL CELLS STACK, INVOLVES USING SHOCK WAVES GENERATED IN VOLUME OF WATER, IN WHICH FUEL CELL STACK ALWAYS REACTS
WO2011030216 A2 20110317	US20090546384 20090824	ADVENT TECHNOLOGIES [GR]; GEORMEZI MARIA [GR]; GOURDOUPI NORA [GR]	C08G65/00	DEVELOPMENT AND CHARACTERIZATION OF NOVEL PROTON CONDUCTING AROMATIC POLYETHER TYPE COPOLYMERS BEARING MAIN AND SIDE CHAIN PYRIDINE GROUPS
GB2472450 A 20110209	GB20090013833 20090807	AFC ENERGY PLC [GB]	H01M8/02; C25B11/04; H01M4/96	CELL STACK PLATES
WO2011015840 A1 20110210	GB20090013827 20090807	AFC ENERGY PLC [GB]; BACKSTROM ANDREAS KARL [GB]; AUSTIN JAMES ALEXANDER [GB]; PITTS ROGER ANTHONY [GB]	H01M8/24; H01M8/02; H01M8/08	CELL STACK SYSTEM BLOCK
WO2011015842 A1 20110210	GB20090013836 20090807	AFC ENERGY PLC [GB]; SUTHERLAND HUGH LIAM [GB]; BLAKE ALEX SEAN [GB]; SANSUM JOHN [GB]; LEWIS GENE STACEY [GB]	H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/02; H01M8/08	FUEL CELLS
JP2011078947 A 20110421	JP20090235590 20091009	AGC SEIMI CHEMICAL CO LTD	B01J23/75; B01J23/78; B01J23/889; B01J37/18; C01B3/04	AMMONIA DECOMPOSITION CATALYST AND AMMONIA DECOMPOSITION METHOD

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011079723 A 20110421	JP20090235578 20091009	AGC SEIMI CHEMICAL CO LTD	C01G25/00; C01G51/00; C04B35/48; H01M8/02	SCANDIA-STABILIZED ZIRCONIA AND METHOD FOR PRODUCING THE SAME
WO2011075077 A1 20110623	WO2009SG00483 20091217	AGENCY SCIENCE TECH & RES [SG]; DEFENCE SCIENCE & TECH ORG [SG]; TEMASEK POLYTECHNIC [SG]; LIU ZHAOLIN [SG]; LUI HO MAN [SG]; TANG EE HO [SG]; HAN MING [SG]; CHAM YEW THEAN [SG]	H01M8/00; B01J19/18; C01B3/02	APPARATUS AND METHOD FOR HYDROGEN GENERATION
AT500631T T 20110315	US20040910529 20040803	AIR PROD & CHEM [US]	H01M8/10; C07F5/02	PROTON CONDUCTING MEDIUMS FOR ELECTROCHEMICAL DEVICES AND ELECTROCHEMICAL DEVICES COMPRISING THE SAME
AT498211T T 20110215	DE20021016361 20020413	AIRBUS GMBH [DE]	H01M8/00; H01M8/06; B01D53/02; B64D13/06; B64D41/00; H01M8/04; H01M8/10; H01M8/12; H01M8/24	PROCESS TO INCREASE EFFICIENCY AND DECREASE THE EXHAUST GASES FROM FUEL CELL SYSTEM
DE102009048393 B3 20110421	DE200910048393 20091006	AIRBUS OPERATIONS GMBH [DE]	H01M8/04; B64D41/00	COOLING SYSTEM FOR COOLING A FUEL CELL SYSTEM IN A VEHICLE, COMPRISES A FIRST HEAT TRANSFER CARRIER, WHICH FORMS A THERMAL CONNECTION BETWEEN THE FUEL CELL SYSTEM AND A FUEL FROM A FUEL TANK OF THE VEHICLE, AND A COOLING CIRCUIT

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE102009048394 A1 20110407	DE200910048394 20091006	AIRBUS OPERATIONS GMBH [DE]	H01M8/04; B64D41/00	COOLING SYSTEM FOR COOLING FUEL CELL SYSTEM IN AIRPLANE, HAS COOLING CIRCUIT WITH HEAT EXCHANGER THAT FORMS THERMAL CONNECTION BETWEEN FUEL CELL SYSTEM AND FUEL FROM FUEL TANK OF VEHICLE, WHERE HEAT EXCHANGER IS CONNECTED TO FUEL OUTLET
DE102009040013 A1 20110310	DE200910040013 20090903	AIRBUS OPERATIONS GMBH [DE]	H01M8/04; B64D37/32	KONZEPT ZUR ABGASTROCKNUNG EINES BRENNSTOFFZELLENSYSTEMS UNTER NUTZUNG DES EINGESETZTEN FLÜSSIGWASSERSTOFFS ALS WÄRMESENKE
WO2011042215 A1 20110414	DE200910048394 20091006; US20090249114P 20091006; DE200910048393 20091006; US20090249116P 20091006	AIRBUS OPERATIONS GMBH [DE]; KHAWAJA MOEED [DE]; AL-ALI BAKER [DE]	H01M8/04; B64D37/02; B64D41/00	COOLING SYSTEM FOR FUEL CELL SYSTEMS, METHOD FOR COOLING FUEL CELL SYSTEMS, AND A FUEL CELL SYSTEM
WO2011051210 A1 20110505	DE200910051212 20091029; US20090256015P 20091029	AIRBUS OPERATIONS GMBH [DE]; MOCK SEBASTIAN [DE]; LAUCKNER JOHANNES [DE]; STOLTE RALF-HENNING [DE]	H01M8/04; B01D53/26; B64D37/32; B64D41/00	FUEL CELL SYSTEM AND METHOD FOR DRYING EXHAUST GAS OF A FUEL CELL SYSTEM
JP2011067137 A 20110407	JP20090220970 20090925	AISIN SEIKI; TOYOTA CENTRAL RES & DEV	C12N15/09; C12M1/40; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12N9/04; C12Q1/26; G01N27/327; G01N27/416; H01M8/16	MODIFIED TYPE FORMALDEHYDE DEHYDROGENASE AND UTILIZATION THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011033246 A 20110217	JP20090178377 20090730	AISIN SEIKI; TOYOTA MOTOR [JP]	F24H1/00; F02G5/04	COGENERATION SYSTEM
JP2011034701 A 20110217	JP20090177375 20090730	AISIN SEIKI; TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011034700 A 20110217	JP20090177352 20090730	AISIN SEIKI; TOYOTA MOTOR [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011023269 A 20110203	JP20090168585 20090717	AISIN SEIKI; TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011021829 A 20110203	JP20090167815 20090716	AISIN SEIKI; TOYOTA MOTOR [JP]	F24H1/00	COGENERATION SYSTEM
JP2011021827 A 20110203	JP20090167782 20090716	AISIN SEIKI; TOYOTA MOTOR [JP]	F24H1/00; F02G5/04	COGENERATION SYSTEM
JP2011008941 A 20110113	JP20090148521 20090623	AISIN SEIKI; TOYOTA MOTOR [JP]	H01M8/04	STATIONARY FUEL CELL SYSTEM
JP2011003417 A 20110106	JP20090145970 20090619	AISIN SEIKI; TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011016688 A2 20110210	KR20090072923 20090807	AJOU UNIV IND ACAD COOP FOUND [KR]; PARK EUN DUCK [KR]; KIM YUN HA [KR]	B01J23/46; B01J21/04; H01M8/00	RUTHENIUM CATALYST, PREPARATION METHOD THEREOF, AND FUEL CELL CONTAINING SAME
WO2011008116 A1 20110120	PL20090388558 20090717	AKADEMIA G MICZO HUTNICZA IM STANISLAWA STASZICA; MAGONSKI ZBIGNIEW [PL]; DZIURDZIA BARBARA [PL]	H01M8/02; H01M4/86; H01M4/88; H01M8/12	METHOD FOR FABRICATION OF ELECTROCHEMICAL ENERGY CONVERTER AND THE ELECTROCHEMICAL ENERGY CONVERTER
DE102009026097 A1 20110105	DE200910026097 20090703	AKWA GMBH [DE]	B29C45/14; H01M8/02	METHOD FOR MANUFACTURING ELECTRODE UNIT FOR METAL-AIR-CELL THAT IS UTILIZED IN E.G. OPTICS, INVOLVES OPENING DIE-CASTING MOLD, AND FORMING OPENING EDGE THAT IS PROVIDED WITH COVER IN UNBENDED MANNER
AT504673T T 20110415	EP20000850191 20001113; WO2001SE02397 20011031	AKZO NOBEL NV [NL]	C25B9/00; C25B11/02; C25B1/16; C25B11/03; H01M4/86; H01M4/88; H01M4/92; H01M8/10	GAS DIFFUSION ELECTRODE
US2011117458 A1 20110519	GB20090020237 20091119	ALSTOM TECHNOLOGY LTD [CH]	H01M8/06	FUEL CELL SYSTEM AND OPERATING METHOD
WO2011072313 A1 20110623	AT20090002000 20091217	ALUTECH GMBH [AT]; LIND CHRISTOPH [AT]; GRATZ ROBERT [AT]; WASLE GREGOR [AT]; FLETCHER PAUL [AT]	B60K15/03; F01N3/00; F17C13/00; H01M8/04	CONTAINER FOR FLUID OPERATING MATERIALS OF A MOTOR VEHICLE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011008697 A1 20110113	US20100835387 20100713; US20050313855 20051221	AMERICAN POWER CONV CORP [US]	H01M8/04	FUEL CELL SENSORS AND METHODS
AT498920T T 20110315	US20040900989 20040728; WO2005US26348 20050725	AMERICAN POWER CONV CORP [US]	H01M8/04	FUEL CELL HOUSING AND FUEL CELL ASSEMBLIES
US2011143247 A1 20110616	KR20090125059 20091215	AN SEONG-JIN [KR]; LEE CHI-SEUNG [KR]; LEE JIN-HWA [KR]	H01M8/24; H01M8/04	FUEL CELL STACK AND FUEL CELL SYSTEM INCLUDING THE SAME
WO2011077224 A1 20110630	IT2009MI02259 20091221	ANSALDO FUEL CELLS S P A [IT]; CAPRILE LUCIANO [IT]; PASSALACQUA BIAGIO [IT]; TORAZZA ARTURO [IT]	H01M8/06; H01M8/14; H01M8/24	SYSTEM AND METHOD FOR SEPARATING CO2 FROM COMBUSTION EXHAUST GAS BY MEANS OF MCFC MULTISTACKS
JP2011032148 A 20110217	JP20090182684 20090805	AQUAFAIRY KK	C01B3/08; H01M8/06	HYDROGEN-GENERATING AGENT, METHOD FOR PRODUCING THE SAME, AND METHOD FOR GENERATING HYDROGEN
JP2011102220 A 20110526	JP20090258327 20091111	AQUAFAIRY KK	C01B3/06	HYDROGEN GENERATOR
WO2011028242 A2 20110310	US20090583925 20090826	ARDICA TECHNOLOGIES INC [US]; FABIAN TIBOR [US]; FISHER TOBIN J [US]; BRAITHWAITE DANIEL [US]	H01M8/04; G01R31/36; G05D7/00; H01G9/00; H01M10/44	A CONTROLLER FOR FUEL CELL OPERATION

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WO2011011050 A2 20110127	US20090460794 20090723	ARDICA TECHNOLOGIES INC [US]; RYU WONHYOUNG [KR]; BRAITHWAITE DANIEL [US]; FABIAN TIBOR [US]	H01M8/06; C01B3/26; C09K3/00	CHEMICAL HYDRIDE FORMULATION AND SYSTEM DESIGN FOR CONTROLLED GENERATION OF HYDROGEN
WO2011036426 A1 20110331	FR20090056708 20090928	AREVA [FR]; TISSOT SAMUEL [FR]; SALLES THOMAS [FR]	C25B9/18; C25B1/04; C25B9/04; H01M8/02	ELECTROLYSIS DEVICE
US2011123895 A1 20110526	JP20090267820 20091125	ARIMURA TOMOAKI [JP]	H01M8/10	DIRECT-METHANOL FUEL CELL
US2011097642 A1 20110428	US20100926906 20101216; JP20030184226 20030627; JP20030326230 20030918; US20040874246 20040624	ASAHI CHEMICAL CORP [JP]	H01M8/10; C08J5/22; C08K5/3447; C08L27/12; H01B1/06; H01B1/12; H01M4/88; H01M8/02	POLYMER ELECTROLYTE MEMBRANE HAVING HIGH DURABILITY AND METHOD FOR PRODUCING THE SAME
US2011027688 A1 20110203	US20100843441 20100726; JP20090179066 20090731; US20100299578P 20100129	ASAHI GLASS CO LTD [JP]	H01M8/10; B01J39/20; H01M4/02	ELECTROLYTE MATERIAL, LIQUID COMPOSITION AND MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL
US2011027677 A1 20110203	US20100828710 20100701; JP20090179064 20090731; US20100299585P 20100129	ASAHI GLASS CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
AT493770T T 20110115	JP20040204704 20040712; JP20040228192 20040804; JP20040265176 20040913; WO2005JP11467 20050622	ASAHI GLASS CO LTD [JP]	H01M8/02; C08J5/22; C08L27/12; H01B1/06; H01B13/00; H01M8/10	ELECTROLYTE MEMBRANE FOR SOLID POLYMER FUEL CELL, METHOD FOR PRODUCING SAME AND MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL

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WO2011013577 A1 20110203	JP20090179065 20090731	ASAHI GLASS CO LTD [JP]; HOMMURA SATORU [JP]; SAITO SUSUMU [JP]; SHIMOHIRA TETSUJI [JP]; WATAKABE ATSUSHI [JP]	H01B1/06; C08F16/38; C25B13/04; H01M4/86; H01M8/10	ELECTROLYTE MATERIAL, LIQUID COMPOSITION, AND MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELLS
WO2011034179 A1 20110324	JP20090217693 20090918	ASAHI KASEI E MATERIALS CORP [JP]; DAIKIN IND LTD [JP]; MURAI TAKAHIKO [JP]; SAKAMOTO NAOKI [JP]; MIYAKE NAOTO [JP]; INO TADASHI [JP]; NAKAZAWA MASA HARU [JP]; SHINOKI NORIYUKI [JP]; YOSHIMURA TAKASHI [JP]; KONDO MASAHIRO [JP]	C08L27/12; C08F8/00; C08F16/24; C08J5/22; C08J7/04; C08L29/10; H01B1/06; H01B13/00; H01M4/86; H01M8/02; H01M8/10	ELECTROLYTE EMULSION AND PROCESS FOR PRODUCING SAME
AT492918T T 20110115	CN20061066412 20060328	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/02; H01M8/04	GAS-INLET PRESSURE ADJUSTMENT STRUCTURE FOR FLOW FIELD PLATE OF FUEL CELL STACK
EP2273593 A2 20110112	EP20040016256 20040709; CN20031121596 20031229	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/02; H01M8/24	SEALING STRUCTURE FOR SEALING SEPARATOR PLATES OF FUEL CELL MODULES
AT498921T T 20110315	CN20061080958 20060523	ASIA PACIFIC FUEL CELL TECH [TW]	H01M8/04	FUEL CELL SYSTEM HAVING UNREACTED GAS DISCHARGE PIPELINE



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
EP2339304 A1 20110629	TW20090144996 20091225	ASIA PACIFIC FUEL CELL TECH [TW]	G01F9/00; F17C1/00; F17C13/02; G01F13/00; G01F23/18; G01F25/00; G01M3/00; H01M8/04	METHOD FOR MEASURING REMAINING HYDROGEN CAPACITY OF HYDROGEN STORAGE CANISTER INCORPORATING RFID DEVICE
US2011097646 A1 20110428	TW20090135727 20091022	ATOMIC ENERGY COUNCIL [TW]	H01M8/22; F23D14/12	POROUS-MEDIUM BURNING APPARATUS
WO2011020562 A1 20110224	DE200910038422 20090821	AUDI NSU AUTO UNION AG [DE]; SCHUESSLER MARTIN [DE]; STAUBER ALOIS [DE]	H01M2/10; B60K6/00; H01M2/26; H01M8/02; H01M10/02	MOTOR VEHICLE HAVING AN ELECTROCHEMICAL CELL
WO2011039523 A1 20110407	GB20090017143 20090930	AUSTIN JAMES ALEXANDER [GB]; BACKSTROM ANDREAS KARL [GB]; BLAKE ALEX SEAN [GB]; LEWIS GENE STACEY [GB]; PITTS ROGER ANTHONY [GB]; SUTHERLAND HUGH LIAM [GB]; AFC ENERGY PLC [GB]	H01M4/86; H01M4/88; H01M8/02; H01M8/08; H01M8/24	CELL STACK
WO2011006964 A1 20110120	AT20090001115 20090716	AVL LIST GMBH [AT]; PRENNINGER PETER [AT]; RECHBERGER JUERGEN [AT]	H01M8/04; H01M8/06	METHOD FOR OPERATING A HIGH-TEMPERATURE FUEL CELL
JP2011077053 A 20110414	GB20030008135 20030409; GB20030029836 20031223	BAC2 LTD	H01M8/02; C08G8/32; C08K3/00; C08L61/10; H01B1/06; H01M4/86; H01M6/18; H01M10/0565	CONDUCTIVE POLYMER, CONDUCTIVE POLYMER COMPOSITION AND THEIR USE

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US2011027675 A1 20110203	US20100903742 20101013; US20050061739 20050222	BAI DINGRONG [CA]; CHOUINARD JEAN-GUY [CA]; ELKAIM DAVID [CA]	H01M8/06	FUEL CELL SYSTEM COMPRISING MODULAR DESIGN FEATURES
US2011053043 A1 20110303	US20080667219 20080630; US20070959321P 20070711; WO2008US08159 20080630	BALSARA NITASH PERVEZ [US]; PARK MOON JEONG [US]	H01M8/10; C08L25/08	NANOSTRUCTURED POLYMER MEMBRANES FOR PROTON CONDUCTION
CN101962736 A 20110202	CN20091055269 20090723	BAOSHAN IRON & STEEL CO., LTD.	C22C38/28; B22D11/16; C21C5/52; C21C7/068; C21C7/10; C21D1/26; C21D8/02; C22C38/26; H01M2/20; H01M8/10	FERRITE STAINLESS STEEL AND MANUFACTURING METHOD THEREOF
US2011033777 A1 20110210	US20100907368 20101019; EP20030017027 20030727; US20040566135 20040723; WO2004EP08229 20040723	BASF FUEL CELL RES GMBH [DE]	H01M8/10; B05D5/12; H01M8/02	PROTON-CONDUCTING MEMBRANE AND USE THEREOF
JP2011006690 A 20110113	JP20100177244 20100806	BASF FUEL CELL RES GMBH [DE]	C08J5/22; C08G73/08; H01M8/02; H01M8/10	PROTON CONDUCTIVE POLYMER MEMBRANE
EP2270068 A1 20110105	EP20020745222 20020409; DE20011017687 20010409	BASF FUEL CELL RES GMBH [DE]	C08G73/00; B01D71/62; B05D3/00; C08G73/06; C08G73/18; C08J5/00; C08J5/22; C08J7/00; C08L79/00; H01B1/06; H01M8/00; H01M8/02; H01M8/10	PROTONCONDUCTUING MEMBRANE AND APPLICATION THEREOF

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JP2011080075 A 20110421	DE20021046373 20021004	BASF FUEL CELL RES GMBH [DE]	C08J5/22; B01D71/62; B01D71/82; C08G73/18; H01M8/02; H01M8/10	PROTON-CONDUCTING POLYMER MEMBRANE COMPRISING SULFONIC ACID GROUP-CONTAINING POLYAZOLE, AND USE THEREOF IN FUEL CELL
DE102010042932 A1 20110609	EP20090174674 20091030	BASF SE [DE]	H01M8/02; B01J31/02; B01J31/28	NEW ELECTROCATALYST (COMPRISING A CARRIER THAT IS ORGANIC COMPOUND WITH POLYCYCLIC AROMATIC STRUCTURE FUNCTIONALIZED WITH E.G. DICARBOXYLIC ANHYDRIDE GROUP AND ACTIVE MATERIAL) USEFUL AS CATALYST FOR CATHODIC OXYGEN REDUCTION IN FUEL CELL
AT500305T T 20110315	DE20021058385 20021212; WO2003EP13633 20031203	BASF SE [DE]	C09K5/20; C09K5/10; H01M8/04	COOLANT BASED ON AZOLE DERIVATIVES CONTAINING 1,3- PROPANEDIOL FOR FUEL CELL COOLING SYSTEMS
WO2011006623 A1 20110120	EP20090009266 20090716	BASF SE [DE]; BAURMEISTER JOCHEN [DE]; SCHMIDT THOMAS [DE]	H01M8/04; H01M8/06; H01M8/10	METHOD FOR OPERATING A FUEL CELL

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WO2011003538 A1 20110113	EP20090008955 20090709	BASF SE [DE]; BULGARIAN ACADEMY OF SCIENCES [BG]; GRONWALD OLIVER [DE]; BELACK JOERG [DE]; SCHOPOV IVAN [BG]; BRACHKOV HRISTO [BG]; SHENKOV STOYCHO [BG]; SINIGERSKY VESSELIN [BG]	C08J5/22; B01D71/62; H01M8/10	METHOD FOR MECHANICALLY STABILIZING POLYMERS CONTAINING NITROGEN
WO2011036165 A1 20110331	EP20090170900 20090922	BASF SE [DE]; QUERNER CLAUDIA [DE]; KOTREL STEFAN [US]; SCHWAB EKKEHARD [DE]; UENSAL OEMER [DE]; BRAEUNINGER SIGMAR [DE]	H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/10	CATALYST HAVING METAL OXIDE DOPING FOR FUEL CELLS
WO2011003539 A1 20110113	EP20090008956 20090709	BASF SE [DE]; RYBKA- KRAFFT SILVIA [DE]; BELACK JOERG [DE]	B01D71/02; C08J5/22; H01M8/10	METHOD FOR STABILIZING NITROGEN- CONTAINING POLYMERS

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WO2011057804 A1 20110519	EP20090014252 20091114	BASF SE [DE]; SAMSUNG ELECTRONICS CO LTD [KR]; GRONWALD OLIVIER [DE]; BELACK JOERG [DE]; BAURMEISTER JOCHEN [DE]; SCHMIDT THOMAS JUSTUS [DE]; CHOI SEONGWOO [KR]; PARK JUNG OCK [KR]; JEON WOO SUNG [KR]; YI JUNG SEOK [KR]	H01M8/00; H01M8/02; H01M8/10	METHOD FOR MECHANICALLY STABILIZING NITROGEN-CONTAINING POLYMERS
WO2011054503 A1 20110512	EP20090013926 20091106	BASF SE [DE]; SCHMIDT THOMAS [DE]	H01M8/10; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELLS WITH INCREASED PERFORMANCE
WO2011006625 A1 20110120	EP20090009250 20090716	BASF SE [DE]; SCHMIDT THOMAS [DE]; BAURMEISTER JOCHEN [DE]	H01M8/04; H01M8/06; H01M8/10	METHOD FOR OPERATING A FUEL CELL, AND A CORRESPONDING FUEL CELL
WO2011006624 A2 20110120	EP20090009249 20090716	BASF SE [DE]; SCHMIDT THOMAS [DE]; BAURMEISTER JOCHEN [DE]	H01M8/04; H01M8/06; H01M8/10	METHOD FOR OPERATING A FUEL CELL, AND A CORRESPONDING FUEL CELL
WO2011003884 A1 20110113	EP20090164798 20090707	BASF SE [DE]; UENSAL OEMER [DE]; BRAEUNINGER SIGMAR [DE]	H01M4/92; H01M4/86; H01M4/88; H01M8/10	INK COMPRISING POLYMER PARTICLES, ELECTRODE, AND MEA

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AT499721T T 20110315	US20030425858 20030428; WO2004US12889 20040427	BATTELLE MEMORIAL INSTITUTE [US]	H01M8/12; H01M4/86; H01M4/88	SOLID OXIDE FUEL CELL ANODES AND ELECTRODES FOR OTHER ELECTROCHEMICAL DEVICES
DE102009035314 A1 20110303	DE200910035314 20090730	BAUER BERND [DE]; HILDENBRAND BERND [DE]; RENNEBECK KLAUS [DE]	H01M8/20; H01M2/14	REDOX BATTERY FOR USE WITH LIQUID ELECTROLYTE THAT IS CHEMICALLY TRANSFORMED INTO ELECTRICAL ENERGY, HAS TUBULAR ELEMENT MADE OF FOIL DIAPHRAGM, AND WHICH HAS ELECTRODE
EP2315299 A2 20110427	DE200910050214 20091022	BAXI INNOTECH GMBH [DE]	H01M8/04; H01M8/06	DEVICE FOR GUIDING AT LEAST ONE FLUID AND FUEL CELL HEATING DEVICE
WO2011050949 A1 20110505	DE200910052863 20091102	BAXI INNOTECH GMBH [DE]; KLOSE PHILIPP [DE]; FRANKE ALEXANDER [DE]; SIMON ROLF [DE]	H01M8/06; H01M8/24	FUEL CELL ASSEMBLY IN A HOUSING
DE102009037085 A1 20110217	DE200910037085 20090811	BAYERISCHE MOTOREN WERKE AG [DE]	G01R21/06; G01R31/36; H01M8/04; H01M10/42	POWER LOSS DETERMINING METHOD FOR E.G. LITHIUM ION BATTERY, INVOLVES OPERATING ENERGY STORAGE WITH ALTERNATING CURRENT, MEASURING CURRENT AND VOLTAGE AT STORAGE, AND DETERMINING POWER LOSS OF STORAGE USING MEASURED CURRENT AND VOLTAGE
EP2339681 A1 20110629	DE200910059031 20091218	BAYERISCHE MOTOREN WERKE AG [DE]; LUXEMBOURG PATENT CO [LU]	H01M8/04; F16K1/34; F16K31/06; F16K31/08; F17C13/04; H01F7/16	ELECTROMAGNETIC ACTUATOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT508487T T 20110515	US20000521228 20000308; US20010800751 20010307; WO2001CA00291 20010308	BDF IP HOLDINGS LTD [CA]	H01M8/04	MEMBRANE EXCHANGE HUMIDIFIER
US7919213 B1 20110405	US20060502242 20060809; US20050707041P 20050809	BECKER ROLF R [US]	H01M8/24; H01M2/34; H01M4/64	FUEL CELL BIPOLAR PLATE AND COMPOSITION THEREFORE
AT499720T T 20110315	DE200410003273 20040121	BEHR GMBH & CO KG [DE]	H01M8/06; H01M8/24	FUEL CELL STACK WITH INTEGRATED FILTER DEVICE
CN102024957 A 20110420	CN20091092615 20090917	BEIHANG UNIVERSITY;HEHONG BIOTECHNOLOGY (SHANGHAI) CO., LTD.	H01M8/02; B32B9/02; H01M2/16; H01M8/10	BIOLOGICAL MATERIAL-BASED DIRECT METHANOL FUEL CELL PROTON EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF
CN102034990 A 20110427	CN20091093587 20090925	BEIJING GENERAL RESEARCH INSTITUTE FOR NONFERROUS METALS	H01M8/02; C25D13/08; C25D15/00; H01M4/86; H01M4/88	METALLIC BIPOLAR PLATE OF PROTON EXCHANGE MEMBRANE FUEL CELL AND SURFACE MODIFICATION METHOD THEREOF
WO2011066674 A1 20110609	WO2009CN01372 20091204	BEIJING PRUDENT CENTURY TECHNOLOGY CO LTD [CN]; HUANG MIANYAN [CN]; ZHAO YANLING [CN]; LI LINLIN [CN]	C08J5/22; C08L27/16; C08L71/10; C08L81/06; H01M8/02; H01M8/10	POLYMER BLEND PROTON EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011050507 A1 20110505	CN20091210176 20091029	BEIJING PRUDENT CENTURY TECHNOLOGY CO LTD [CN]; MOU LIUFENG [CN]; HUANG MIANYAN [CN]; KLASSEN ANDY [CN]; HARPER MATTHEW ALBERT MACLENNAN [CN]	H01M8/18	REDOX FLOW BATTERY AND METHOD FOR CONTINUALLY OPERATING THE REDOX FLOW BATTERY FOR A LONG TIME
CN101938002 A 20110105	CN20101237783 20100723	BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY	H01M8/02; C08K3/36; C08K9/02; C08L27/12; H01M2/16	NAFION/SULFONATED SIO2 MOLECULAR SIEVE COMPOSITE PROTON EXCHANGE MEMBRANE AND PREPARATION METHOD THEREOF
CN102013503 A 20110413	CN20101531969 20101104	BEIJING WANRUI XUNTONG SCIENCE AND TECHNOLOGY CO., LTD	H01M8/04	FUEL CELL STANDBY POWER SUPPLY CONTROL SYSTEM AND CONTROL METHOD THEREOF
US2011039178 A1 20110217	US20100925217 20101014; US20070888709 20070802; US20030722946 20031126; US20010012157 20011128; US19990466701 19991217	BEKKEDAHL TIMOTHY A [US]; BREGOLI LAWRENCE J [US]; CIPOLLINI NED E [US]; PATTERSON TIMOTHY W [US]; PEMBERTON MARIANNE [US]; PUHALSKI JONATHAN [US]; REISER CARL A [US]; SAWYER RICHARD D [US]; STEINBUGLER MARGARET M [US]; YI JUNG S [US]	H01M8/04	FUEL CELL HAVING A HYDROPHILIC SUBSTRATE LAYER



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
EP2320504 A1 20110511	EP20090175547 20091110	BELENOS CLEAN POWER HOLDING AG [CH]	H01M8/04; H01M8/00	METHOD OF OPERATING A FUEL CELL/BATTERY PASSIVE HYBRID POWER SUPPLY
WO2011023781 A1 20110303	EP20090168872 20090827	BELENOS CLEAN POWER HOLDING AG [CH]; BERNARD JEROME [CH]	H01M8/04	METHOD FOR THE EARLY DETECTION OF LIQUID WATER FORMATION IN A FUEL CELL
JP2011032131 A 20110217	JP20090179739 20090731	BIO COKE LAB CO LTD	C01F5/00; B22F9/02; B22F9/22	METHOD FOR REDUCING MAGNESIUM OXIDE AND REACTION APPARATUS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110063745 A 20110614	US20080084923P 20080730; US20080086316P 20080805; US20080088492P 20080813; US20080094513P 20080905; US20080098514P 20080919; US20080102465P 20081003; US20080104534P 20081010; US20080105660P 20081015; US20080106932P 20081020; US20080109088P 20081028; US20080110253P 20081031; US20080112491P 20081107; US20080114735P 20081114; US20080139293P 20081219; US20090145022P 20090115; US20090146962P 20090123; US20090150571P 20090206; US20090152500P 20090213; US20090156328P 20090227; US20090158252P 20090306; US20090160145P 20090313; US20090164151P 20090327; US20090166495P 20090403; US20090170418P 20090417; US20090174346P 20090430; US20090176675P 20090508; US20090178796P 20090515; US20090180456P 20090522; US20090182468P 20090529; US20090186660P 20090612;	BLACKLIGHT POWER INC [US]	B01J8/00; C01B3/02; F02B43/10; H01M8/06	HETEROGENEOUS HYDROGEN- CATALYST REACTOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011011362 A1 20110120	US20100889776 20100924; US20070717774 20070314; US20030446704 20030529; US20030461190P 20030409; US20060782268P 20060315	BLOOM ENERGY CORP [US]	F02B43/10; F17C11/00; H01M8/06	LOW PRESSURE HYDROGEN FUELED VEHICLE AND METHOD OF OPERATING SAME
US2011008696 A1 20110113	US20090458342 20090708	BLOOM ENERGY CORP [US]	H01M8/00; H01M8/04; H02J7/00	GRID FREQUENCY-RESPONSIVE SOLID OXIDE FUEL CELL SYSTEM
US2011076585 A1 20110331	US20100892582 20100928; US20090272494P 20090930	BLOOM ENERGY CORP [US]	H01M8/24; H01M8/04	FUEL CELL STACK COMPRESSION DEVICES AND METHODS
US2011053027 A1 20110303	US20100873935 20100901; US20090272227P 20090902	BLOOM ENERGY CORP [US]	H01M8/04	MULTI-STREAM HEAT EXCHANGER FOR A FUEL CELL SYSTEM
US2011104578 A1 20110505	US20110986291 20110107; US20060594797 20061109; US20030658275 20030910	BLOOM ENERGY CORP [US]	H01M8/06; H01M4/86; H01M4/88; H01M4/90; H01M8/04; H01M8/12; H01M8/18	SORFC SYSTEM WITH NON-NOBLE METAL ELECTRODE COMPOSITIONS
WO2011019825 A2 20110217	US20090272056P 20090812	BLOOM ENERGY CORP [US]; ARMSTRONG TAD [US]; BATAWI EMAD EL [US]; PETERSEN ERIC [US]	H01M8/12; H01M4/88; H01M8/02	INTERNAL REFORMING ANODE FOR SOLID OXIDE FUEL CELLS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011005878 A2 20110113	US20090458355 20090708	BLOOM ENERGY CORP [US]; BALLANTINE ARNE [US]; BAINS VIRPAUL [US]; BURPEE KIRSTEN [US]; CHELDELIN BRENT [US]; TREVISAN DAVID [US]; EDMONSTON DAVID [US]; THAYER WILLIAM [US]; VENKATARAMAN SWAMINATHAN [US]	H01M8/24; H01M8/04	FUEL CELL SYSTEM WITH QUICK CONNECT COMPONENTS
WO2011005866 A2 20110113	US20090458356 20090708	BLOOM ENERGY CORP [US]; BALLANTINE ARNE [US]; SRINIVASAN RAMESH [IN]; AARON STUART [US]; LIGHT PETER [US]; RICHMAN JOSH [US]; GURUNATHAN RANGANATHAN [IN]; PEARSON CHAD [US]	H01M8/02	INTEGRATED FUEL CELL SYSTEM WITH AUXILIARY POWER DELIVERY
US2011048484 A1 20110303	US20090550131 20090828	BOEING CO [US]	H01L35/34; H01M8/04	THERMOELECTRIC GENERATOR AND FUEL CELL FOR ELECTRIC POWER CO-GENERATION
EP2287952 A1 20110223	DE200910028648 20090819	BOSCH GMBH ROBERT [DE]	H01M8/04; B60H1/00; F25B30/00	TEMPERING DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE102009045719 A1 20110421	DE200910045719 20091015	BOSCH GMBH ROBERT [DE]	H01M8/04	COOLING DEVICE FOR COOLING POLYMER ELECTROLYTE MEMBRANE FUEL CELL OF MOTOR VEHICLE, HAS HEAT PUMP COMPRISING CONDENSER THAT IS ARRANGED OUTSIDE COOLING SYSTEM FOR COOLING REFRIGERANT, AND RADIATOR DIRECTLY ARRANGED IN COOLING SYSTEM
DE102009029689 A1 20110324	DE200910029689 20090923	BOSCH GMBH ROBERT [DE]	B60L11/18; G05F1/66; H01M8/04	METHOD FOR OPTIMIZING THE EFFICIENCY OF AN ENERGY SYSTEM
DE102009029255 A1 20110310	DE200910029255 20090908	BOSCH GMBH ROBERT [DE]	H01M8/04; H02J1/00	DEVICE FOR SUPPLYING ENERGY TO AN ELECTRONIC COMPONENT
DE102009046305 A1 20110505	DE200910046305 20091103	BOSCH GMBH ROBERT [DE]	B60L1/00; B60L11/18; H01M8/00; H02J1/00	NIEDERVOLT-SPANNUNGSVERSORGUNG
DE102009040688 A1 20110324	DE200910040688 20090905	BRAEUTIGAM ANDRE [DE]; ROGGMANN SVEN [DE]	H01M8/06	INTEGRAL THERMOCHEMICAL ENERGY STORAGE AND ENERGY CONVERTER SYSTEM FOR REGULATED STORAGE AND DELIVERY OF ELECTRICAL ENERGY IN CLOSED, CELLULAR ASSEMBLED UNIT, HAS SOLID STORAGE CONTAINING GASEOUS HYDROGEN BOUND IN NANOSTRUCTURES

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US2011053016 A1 20110303	US20100868640 20100825; US20090236857P 20090825	BRAITHWAITE DANIEL [US]; FABIAN TIBOR [US]; MARTIN RICHARD [US]	H01M8/06	METHOD FOR MANUFACTURING AND DISTRIBUTING HYDROGEN STORAGE COMPOSITIONS
BRPI0901304 A2 20110104	BR2009PI01304 20090406	BROTHER'S ADMINISTRACAO DE BENS LTDA [BR]	H01M8/02	APERFEIÇOAMENTOS INTRODUZIDOS EM DISPOSITIVOS ELETROLIZADORES
US2011143232 A1 20110616	US20100943813 20101110; US20090259892P 20091110; US20090260331P 20091111	BURBAN JOHN H [US]; SHANAHAN JOHN W [US]; CROWDER ROBERT O [US]; ZHANG XIJING [US]	H01M8/06; B01D53/22; B01D71/06	GEL-FILLED MEMBRANE DEVICE AND METHOD
US2011065010 A1 20110317	US20090560786 20090916	BURKE A ALAN [US]; CARREIRO LOUIS G [US]	H01M8/18	FUEL REFORMER INTEGRATION WITH CARBON DIOXIDE SCRUBBERS
CN102024954 A 20110420	CN20091190312 20090916	BYD CO LTD [CN]	H01M4/88; H01M4/00; H01M4/96; H01M8/18; H01M10/36	GRAPHITE FELT ELECTRODE OF VANADIUM BATTERY AND PREPARATION METHOD THEREOF AND VANADIUM BATTERY COMPRISING THE ELECTRODE
AT503278T T 20110415	CN20041027867 20040623; WO2005CN00904 20050623	BYD CO LTD [CN]	H01M4/88; B05D5/12; H01M4/86; H01M4/94; H01M4/96; H01M8/02; H01M8/10	GAS DIFFUSION ELECTRODES AND MEMBRANE ELECTRODE ASSEMBLIES FOR PROTON EXCHANGE MEMBRANE FUEL CELLS
CN102005583 A 20110406	CN20091170056 20090901	BYD CO LTD [CN]	H01M8/02; H01M8/18; H01M8/24; H01M10/02; H01M10/36	GELLED ELECTROLYTE OF VANADIUM BATTERY AND VANADIUM BATTERY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102005554 A 20110406	CN20091170055 20090901	BYD CO LTD [CN]	H01M2/16; H01M8/02; H01M8/18; H01M10/36	DIAPHRAGM FOR FULL-VANADIUM IONIC LIQUID FLOW BATTERY, PREPARATION METHOD AND BATTERY COMPRISING DIAPHRAGM
US2011045386 A1 20110224	US20100860210 20100820; US20050228184 20050916	CABLE THOMAS L [US]; SOFIE STEPHEN W [US]	H01M8/12	METHOD FOR MAKING A FUEL CELL
US2011014545 A1 20110120	US20100889965 20100924; DE20021042708 20020913; US20050527649 20051020; WO2003EP09198 20030820	CALUNDANN GORDON [US]; BENICEWICZ BRIAN [US]; BAURMEISTER JOCHEN [DE]	H01M8/10; B01D71/62; C08G61/12; C08G73/06; C08G73/08; C08G73/18; C08G73/22; C08J5/22; H01B1/12; H01M4/86; H01M4/88; H01M8/02	PROTON-CONDUCTING MEMBRANE AND ITS USE
US2011091783 A1 20110421	US20100972335 20101217; JP20050317182 20051031; US20060580101 20061013	CANON KK [JP]	H01M8/04	ELECTRONIC EQUIPMENT PROVIDED WITH BATTERY CHECK DEVICE
AT507324T T 20110515	US20020319507P 20020828; US20030604117 20030626; WO2003US25823 20030815	CARLETON LIFE SUPPORT SYS INC [US]	B01D53/32; C25B9/00; B01J7/00; C01B13/02; H01M8/10	MODULAR CERAMIC OXYGEN SYSTEM
JP2011031242 A 20110217	JP20040084886 20040323; JP20040248328 20040827; JP20100207392 20100916	CASIO COMPUTER CO LTD [JP]	B01J35/02; C01B3/38; H01M8/00; H01M8/06	ELECTRONIC DEVICE
JP2011000586 A 20110106	JP20100168787 20100728	CASIO COMPUTER CO LTD [JP]	B01J19/00; C01B3/38	REACTOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT497264T T 20110215	JP20000388398 20001221; JP20010009373 20010117; JP20010280356 20010914	CASIO COMPUTER CO LTD [JP]	H01M8/04; F17C1/16; H01M8/06	POWER SUPPLY SYSTEM, FUEL PACK CONSTITUTING THE SYSTEM, AND DEVICE DRIVEN BY POWER GENERATOR AND POWER SUPPLY SYSTEM
AT499294T T 20110315	JP20030074891 20030319; JP20030074900 20030319	CASIO COMPUTER CO LTD [JP]	B64D37/00; H01M8/04; B60K15/00; C01B3/00; F17C11/00; H01M8/06	FUEL CONTAINER FOR FUEL CELLS
EP2282369 A1 20110209	FR20090055541 20090806	CELL FRANCO [FR]	H01M8/04; C01B3/00; C10L3/08; H01M8/00; H01M8/06	DEVICE FOR PRODUCING ELECTRICITY AND HEAT, INCLUDING A FUEL CELL ACCEPTING AT LEAST METHANE AS FUEL
WO2011025797 A1 20110303	US20090236282P 20090824	CELLERA INC [US]; GOTTESFELD SHIMSHON [US]	H01M8/10	SYSTEMS AND METHODS OF SECURING IMMUNITY TO AIR CO <sub>2</sub> IN ALKALINE FUEL CELLS
WO2011021648 A1 20110224	JP20090191416 20090820	CENTRAL GLASS CO LTD [JP]; OBARA YOSHIHIKO; SUZUKI KATSUTOSHI; TANAKA TORU; KOMORIYA HARUHIKO	C08G77/28; C07F7/08; C08J5/22; H01B1/06; H01B13/00; H01M8/02; H01M8/10	SOLID ELECTROLYTE MEMBRANE FOR FUEL CELL AND PROCESS FOR PRODUCING SAME
JP2011029149 A 20110210	JP20090151489 20090625; JP20100073833 20100326	CENTRAL RES INST ELECT	H01M8/02; H01M4/94	COMPOSITE MEMBRANE STRUCTURE CONSISTING OF SOLID ELECTROLYTE MEMBRANE-HYDROGEN PERMEATING METAL MEMBRANE, AND MANUFACTURING METHODS OF THOSE
EP2294648 A2 20110316	WO2009FR50990 20090527; FR20080053441 20080527	CENTRE NAT RECH SCIENT [FR]; UNIV CLAUDE BERNARD LYON [FR]; LYON ECOLE CENTRALE [FR]	H01M8/16	PRODUCTION OF A BIOFILM ON AN ELECTRODE FOR A BIOCELL, ELECTRODE AND OBTAINED BIOCELL



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT500626T T 20110315	AU2001PR06366 20010713; WO2002AU00940 20020713	CERAMIC FUEL CELLS LTD [AU]	H01M8/02; H01M2/00; H01M2/08; H01M2/14; H01M2/18; H01M8/10; H01M8/12; H01M8/24	SEAL FOR A FUEL CELL STACK
WO2011003154 A1 20110113	AU20090903255 20090710	CERAMIC FUEL CELLS LTD [AU]; ZHENG PAUL [AU]	B23K1/19; B23K35/24; B23K35/38; H01M8/02	A BRAZING PROCESS
AT498916T T 20110315	GB20000026140 20001025; WO2001GB04643 20011018	CERES IP CO LTD [GB]	H01M4/86; H01M8/02; H01M8/12	FUEL CELLS
US2011076519 A1 20110331	US20080679554 20081006; US20070977419P 20071004; WO2008US78934 20081006	CHANDRAN KARTIK [US]; CHANG TIMOTHY [US]	H01M8/16	SYSTEMS AND METHODS FOR SUSTAINABLE WASTEWATER AND BIOSOLIDS TREATMENT
US2011076589 A1 20110331	US20100807777 20100914; US20090277980P 20090930	CHAO CHENG-CHIEH [US]; CUI YI [US]; HSU CHING-MEI [US]; KIM YOUNG BEOM [US]; PRINZ FRIEDRICH B [US]	H01M8/10	NANO-PATTERNED ELECTROLYTES IN SOLID OXIDE FUEL CELLS
US2011027694 A1 20110203	US20100804705 20100726; US20090273404P 20090803	CHAO CHENG-CHIEH [US]; PRINZ FRIEDRICH B [US]; GUER TURGUT M [US]; SHIM JOON HYUNG [KR]	H01M8/10	SOLID-OXIDE FUEL CELLS WITH CONCENTRIC LAMINATING ELECTROLYTES IN A NANOPOROUS MEMBRANE
US2011143229 A1 20110616	US20070438496 20070824; US20060823501P 20060824; WO2007US76804 20070824	CHELLAPPA ANAND S [MX]; PENA DONOVAN [MX]; WILSON ZACHARY [MX]	C10G31/00; C10G29/00; C10G29/16; C10G29/22; H01M8/06	LIQUID PHASE DESULFURIZATION OF FUELS AT MILD OPERATING CONDITIONS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011136033 A1 20110609	US20100860355 20100820; TW20100107220 20100312; US20090267387P 20091207	CHEN CHI-CHANG [TW]; SHIU HUAN-RUEI [TW]; CHANG WEN-CHEN [TW]; TSAU FANGHEI [TW]	H01M8/24; H01M8/02	FUEL CELL DEVICES
US2011136042 A1 20110609	US20100853096 20100809; TW20100104646 20100212; US20090267387P 20091207	CHEN CHI-CHANG [TW]; SHIU HUAN-RUEI [TW]; JUNG SHIQAH-PING [TW]; TSAU FANGHEI [TW]; CHANG WEN-CHEN [TW]	H01M8/04	FLUID FLOW PLATE ASSEMBLIES
US2011136043 A1 20110609	US20100860460 20100820; TW20100107218 20100312; US20090267387P 20091207	CHEN CHI-CHANG [TW]; SHIU HUAN-RUEI [TW]; WU CHUN-HSING [TW]; TSAU FANGHEI [TW]; CHANG WEN-CHEN [TW]	H01M8/04	MODULARIZED FUEL CELL DEVICES AND FLUID FLOW PLATE ASSEMBLIES
US2011081596 A1 20110407	US20100898794 20101006; US20090278381P 20091006	CHEN FANGLIN [US]; ZHAO FEI [US]; LIU QIANG [US]	H01M8/10; H01M4/88	NOVEL ELECTRODE DESIGN FOR LOW TEMPERATURE DIRECT-HYDROCARBON SOLID OXIDE FUEL CELLS
CN201730022U U 20110202	CN20102156937U 20100413	CHENG XIANJUN	D21H13/50; H01M4/98; H01M8/02	CARBON FIBER PAPER
CN102024973 A 20110420	CN20101546106 20101116	CHENGDU ZHENZHONG ELECTRIC CO., LTD.	H01M8/12; H01M4/86	SOLID OXIDE FUEL CELL
CN102024972 A 20110420	CN20101546091 20101116	CHENGDU ZHENZHONG ELECTRIC CO., LTD.	H01M8/10; H01M2/16; H01M8/02	FUEL CELL CONTAINING SEMIPERMEABLE MEMBRANE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101964422 A 20110202	CN20091157307 20090724	CHINA UNIVERSITY OF MINING & TECHNOLOGY (BEIJING)	H01M4/86; H01M8/02; H01M8/10	PEROVSKITE TYPE SOLID OXIDE FUEL CELL ANODE MATERIAL
JP2011072894 A 20110414	JP20090226237 20090930	CHINO CORP	B01J7/02; F24F6/00; F24F6/08	EVAPORATOR
KR20110054106 A 20110525	KR20090110621 20091117	CHOI CHANG JUN [KR]	C10J3/20; C01B3/50; H01M8/04	CONTINUOUS PROCESSING OF WASTE TO FUEL METHOD
CN102024965 A 20110420	CN20101542730 20101115	CHONGQING UNIVERSITY	H01M8/04	METHOD FOR IMPROVING STABILITY OF FUEL CELL CATALYST AND UTILIZATION RATE OF CATALYST
JP2011103213 A 20110526	JP20090257397 20091110	CHUGOKU ELECTRIC POWER	H01M8/06; H01M8/04	POWER GENERATION SYSTEM
JP2011103212 A 20110526	JP20090257396 20091110	CHUGOKU ELECTRIC POWER	H01M8/04; F02C3/28; H01M8/06	POWER GENERATION SYSTEM
EP2309578 A1 20110413	TW20090134217 20091009	CHUNG HSIN ELECTRIC AND MACHINERY MFG CORP [TW]	H01M8/02; H01M8/04	FUEL CELL STRUCTURE WITH A POROUS METAL PLATE FOR COOLING
US2011129752 A1 20110602	AT20070000649 20070504; WO2008AT00226 20080623	CLAASSEN DIRK PETER [AT]	H01M8/04; B01J8/00; B01J19/00; C03C3/00; C03C3/078	CONNECTION OF CHEMICAL OR THERMAL REACTORS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011007329 A2 20110120	DE200910033514 20090715	CLEAN MOBILE AG [SG]; JAEKEL JUERGEN [DE]; HARNISCH STEN [DE]; DE ROCHE JOHN [DE]	B60L11/18; H01M8/04; H02J7/35	METHOD FOR THE OPERATION OF AN ENERGY STORAGE ARRANGEMENT IN A VEHICLE AND VEHICLE WITH AN ENERGY STORAGE ARRANGEMENT
US2011143237 A1 20110616	US20100914810 20101028	CLEAREDGE POWER INC [US]	H01M8/06; B01J19/00	RADIATIVE HEAT TRANSFER VIA FINS IN A STEAM REFORMER
WO2011002799 A2 20110106	US20090497417 20090702	CLEAREDGE POWER INC [US]; SONG YANG [US]; EVANS CRAIG E [US]; DEFALCO NICHOLAS [US]; TANG JASON M [US]	H01M8/02; H01M4/88; H01M8/10	REDUCING LOSS OF LIQUID ELECTROLYTE FROM A HIGH TEMPERATURE POLYMER-ELECTROLYTE MEMBRANE FUEL CELL
AT509041 A1 20110515	AT20090001729 20091102	CLIMT ENERGIESYSTEME GMBH [AT]	H01M8/04; H01M8/24	TEMPERATURREGELUNG VON BRENNSTOFFZELLENSYSTEMEN
US2011027623 A1 20110203	US20100656244 20100121; US20090202018P 20090121	COEY JOHN MICHAEL DAVID [IE]	H01M8/10; H01M8/24	ELECTROCHEMICAL DEVICE
BRPI0903038 A2 20110510	BR2009PI03038 20090819	COMISSAO NAC DE EN NUCLEAR [BR]	H01M8/10	LIGAS METÁLICAS PARA USO COMO ELETROCATALISADORES EM CÉLULAS A COMBUSTÍVEL DE BAIXA TEMPERATURA DE OPERAÇÃO
FR2948821 A1 20110204	FR20090055461 20090803	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/12; C25B9/00; H01M4/70	CELLULE ELECTROCHIMIQUE A METAL SUPPORT ET SON PROCEDE DE FABRICATION

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FR2951583 A1 20110422	FR20090004997 20091019	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04	PREVENTION DE LA CORROSION D'UNE PILE A COMBUSTIBLE
FR2951199 A1 20110415	FR20090004814 20091008	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C23C22/05; B05D5/12; C23C22/78; H01M8/02	METALLISATION D'UNE ZONE EN SILICIUM POREUX PAR REDUCTION IN SITU ET APPLICATION A UNE PILE A COMBUSTIBLE
AT512471T T 20110615	FR20000009667 20000724; WO2001FR02393 20010723	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02; H01B1/24; H01M4/96	CONDUCTIVE COMPOSITE MATERIAL AND FUEL CELL ELECTRODE USING SAME
FR2953649 A1 20110610	FR20090005845 20091203	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04	PROCEDE DE GESTION D'UNE PILE PENDANT UNE POLLUTION AUX COMPOSES SOUFRES ET DISPOSITIF D'ALIMENTATION EN ENERGIE
FR2952756 A1 20110520	FR20090005537 20091118	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01L35/30; H01L35/34; H01M8/22	GENERATEUR ELECTRIQUE PAR EFFET THERMOELECTRIQUE AVEC MISE EN OEUVRE DE DEUX REACTIONS CHIMIQUES, EXOTHERMIQUE ET ENDOTHERMIQUE, POUR RESPECTIVEMENT GENERER ET DISSIPER DE LA CHALEUR
FR2952476 A1 20110513	FR20100003657 20100914	COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/02	METAL-AIR BATTERY E.G. RECHARGEABLE AIR-ZINC BATTERY, HAS ELECTRODE MADE OF METAL REACTION PLATE AND PROVIDED WITH CROSSING PASSAGES SO THAT LIQUID ELECTROLYTE IS CIRCULATED TOWARDS ANOTHER ELECTRODE THROUGH FORMER ELECTRODE

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WO2011023779 A1 20110303	FR20090055854 20090827	COMMISSARIAT ENERGIE ATOMIQUE [FR]; BERTHELOT THOMAS XAVIER ALAIN [FR]; CLOCHARD MARIE-CLAUDE LAURENCE [FR]	H01M8/10; B01D67/00; C08J5/22	PROTON-CONDUCTING MEMBRANES FOR A FUEL CELL, AND METHOD FOR PREPARING SUCH MEMBRANES
WO2011006894 A1 20110120	FR20090054889 20090715	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; SOULES AURELIEN [FR]; AMEDURI BRUNO [FR]; BOUTEVIN BERNARD [FR]; GALIANO HERVE [FR]	C08F216/14; C08F228/02; C08J5/22; H01M8/10	FLUORINATED COPOLYMERS, MEMBRANES PREPARED USING THE LATTER AND FUEL CELL DEVICE INCLUDING SAID MEMBRANES
WO2011048076 A1 20110428	FR20090057407 20091022	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; TAYOUO RUSSELL [FR]; DAVID GHISLAIN [FR]; AMEDURI BRUNO [FR]; ROUALDES STEPHANIE [FR]; GALIANO HERVE [FR]; BIGARRE JANICK [FR]	C08F214/18; B01D71/82; C08F8/20; C08F8/40; C08F214/24; C08F230/02; C08J5/22; H01M8/10	COPOLYMERS INCLUDING PHOSPHONATES AND/OR PHOSPHONIC ACID GROUPS USEFUL FOR FORMING FUEL CELL MEMBRANES
WO2011029933 A1 20110317	FR20090004381 20090914	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CHATROUX DANIEL [FR]; DAUCHY JULIEN [FR]	H01M8/04; G01R31/36	VOLTAGE CONTROL DEVICE FOR A FUEL CELL

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WO2011006860 A1 20110120	FR20090054888 20090715	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DROUHAULT DELPHINE [FR]; LEVRARD DANIEL [FR]; MANICARDI PHILIPPE [FR]; NIVELON PIERRE [FR]	H01M8/02; H01M8/04; H01M8/10; H01M8/24	COMPACT FUEL CELL
WO2011033196 A1 20110324	FR20090004494 20090921	COMMISSARIAT ENERGIE ATOMIQUE [FR]; FOU DA-ONANA FREDERIC [FR]; GUILLET NICOLAS [FR]	C25D5/34; C23C18/16; C23C28/02; C25D5/54; H01M4/88; H01M8/02; H01M8/10	METHOD FOR DEPOSITING A METAL ONTO A POROUS CARBON LAYER
WO2011004134 A1 20110113	FR20090054767 20090709	COMMISSARIAT ENERGIE ATOMIQUE [FR]; FRANCO ALEJANDRO [FR]; LEMAIRE OLIVIER [FR]	H01M8/04	METHOD AND DEVICE FOR INCREASING THE LIFESPAN OF A PROTON EXCHANGE MEMBRANE FUEL CELL
FR2951517 A1 20110422	FR20090057344 20091020	COMMISSARIAT ENERGIE ATOMIQUE [FR]; GARLOCK FRANCE SAS [FR]; ARMINES [FR]	F16J15/16; C25B1/00; C25B9/00; H01M8/00	JOINT D'ETANCHEITE ENTRE DEUX ELEMENTS A COEFFICIENTS DE DILATATION THERMIQUE DIFFERENTS
WO2011036356 A1 20110331	FR20090004592 20090925	COMMISSARIAT ENERGIE ATOMIQUE [FR]; LEMAIRE OLIVIER [FR]; BARDI NICOLAS [FR]; BARTHE BENOIT [FR]; FRANCO ALEJANDRO [FR]	H01M8/04; H01M8/10	METHOD FOR SUPPLYING POWER FROM A FUEL CELL TAKING SULFUR OXIDE POLLUTION INTO ACCOUNT, AND POWER SUPPLY DEVICE

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WO2011000847 A1 20110106	FR20090054613 20090703	COMMISSARIAT ENERGIE ATOMIQUE [FR]; NONNET HELENE [FR]; GRANDJEAN AGNES [FR]; VALLAT CHARLENE [FR]; COILLOT DANIEL [FR]; MONTAGNE LIONEL [FR]	C03C3/091; C03C3/076; C03C3/095; C03C8/24; H01M8/02	GLASS COMPOSITIONS FOR JOINTS OF DEVICES OPERATING AT HIGH TEMPERATURES, AND ASSEMBLY METHOD USING SAME
WO2011064428 A1 20110603	ES20090031058 20091125	CONSEJO SUPERIOR INVESTIGACION [ES]; UNIV ZARAGOZA [ES]; LARREA ARBAIZAR ANGEL [ES]; MERINO RUBIO ROSA [ES]; ORERA CLEMENTE VICTOR [ES]; PENA TORRE JOSE IGNACIO [ES]; SOLA MARTINEZ DANIEL [ES]	B23K26/40; H01M8/12	SYSTEM AND METHOD FOR PRODUCING SELF-SUPPORTING THIN ELECTROLYTE MEMBRANES BY MEANS OF LASER MACHINING
WO2011006655 A1 20110120	IT2009MI01270 20090717	CONSIGLIO NAZIONALE RICERCHE [IT]; TORINO POLITECNICO [IT]; D ARRIGO GIUSEPPE [IT]; SPECCHIA STEFANIA [IT]; ICARDI UGO [IT]; SPINELLA CORRADO ROSARIO [IT]; RIMINI EMANUELE [IT]; SARACCO GUIDO [IT]	H01M8/10; H01M4/86; H01M4/88	MICRO FUEL CELL SYSTEM AND CORRESPONDING MANUFACTURING METHOD



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US2011045363 A1 20110224	US20070438575 20070727; US20060841338P 20060831; WO2007US16934 20070727	CONTAINED ENERGY INC [US]	H01M8/20; F25J1/00	PROCESS AND EQUIPMENT TO SIGNIFICANTLY REDUCE CO2 EMISSIONS FROM DIRECT CARBON FUEL CELLS WITHOUT MATERIALLY INCREASING THE COST OF GENERATING ELECTRICITY
DE102009058187 A1 20110616	DE200910058187 20091215	CONTINENTAL AUTOMOTIVE GMBH [DE]	B60L11/18; H01M8/00	MOTOR VEHICLE
US2011059373 A1 20110310	US20080738367 20081016; US20070980636P 20071017; WO2008US80150 20081016	CORNELL RES FOUNDATION INC [US]	H01M8/16; C12M1/40; C12N11/00; C12N11/18; C12P19/32	SYSTEM FOR PRODUCTION OF ADENOSINE TRIPHOSPHATE
JP2011103304 A 20110526	US19980076333P 19980227	CORNING INC [US]	H01M8/02; H01M8/00; H01M8/12; H01M8/24	FLEXIBLE INORGANIC ELECTROLYTE FUEL CELL STRUCTURE
KR20110021712 A 20110304	IN2008DE00526 20080305	COUNCIL SCIENT IND RES [IN]	B01D53/22; B01D69/14; B01D71/08; H01M8/02	A POLYMERIC HYBRID MEMBRANE
WO2011014910 A1 20110210	AU20090903600 20090803	CRAFT HOLDINGS WA PTY LTD [AU]; CRAFT JOHN WAYNE [AU]	C25B1/04; C25B1/02; F01D1/00; F01D7/02; F01D15/10; F01D17/06; F01D25/30; H01M8/08; H01M8/22; H02K7/18	ELECTROLYSIS CELL AND ELECTRICAL POWER UNIT INCORPORATING SAME
KR20110007937 A 20110125	KR20097024032 20070521	CT & T CO LTD [KR]; FUELCELL POWER INC [KR]; KOREA ADVANCED INST SCI & TECH [KR]	H01M8/04; H01M8/10	THE METHOD OF PURGING FOR FUEL CELL

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WO2011055343 A2 20110512	PT20090104812 20091106	CUF QUIMICOS IND S A [PT]; MAGALHAES MENDES ADELIO MIGUEL [PT]	B01J19/24	A HYDROGEN OR OXYGEN ELECTROCHEMICAL PUMPING CATALYTIC MEMBRANE REACTOR AND ITS APPLICATIONS
US2011111314 A1 20110512	US20110009233 20110119; US20100797543 20100609; US20090187539P 20090616	CUI JINGYU [US]; ENGWALL ERIK EDWIN [US]; JOHNSTON JOHN WILLIAM [US]; JOSHI MAHENDRA LADHARAM [US]; WELLINGTON SCOTT LEE [US]	H01M8/06	SYSTEMS AND PROCESSES FOR OPERATING FUEL CELL SYSTEMS
US2011104577 A1 20110505	US20100797548 20100609; US20090187526P 20090616; US20090187539P 20090616	CUI JINGYU [US]; ENGWALL ERIK EDWIN [US]; JOHNSTON JOHN WILLIAM [US]; JOSHI MAHENDRA LADHARAM [US]; WELLINGTON SCOTT LEE [US]	H01M8/06	SYSTEMS AND PROCESSES FOR OPERATING FUEL CELL SYSTEMS
US2011014529 A1 20110120	US20090460237 20090715	CUMMINS POWER GENERATION IP INC	H01M8/04; H01M8/18	FUEL CELL WITH LOW WATER CONSUMPTION
KR20110018737 A 20110224	KR20090076349 20090818	DAEWOO SHIPBUILDING & MARINE [KR]	B63G8/08; B63G8/00; C01B3/00; H01M8/04	GAS SUPPLYING SYSTEM FOR SUBMARINE
KR20110009860 A 20110131	KR20090067290 20090723	DAEWOO SHIPBUILDING & MARINE [KR]	H01M8/04; B63J99/00	APPARATUS AND METHOD FOR PRODUCING ELECTRICITY OF COMMERCIAL SHIP

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KR20110008676 A 20110127	KR20090066143 20090721	DAEWOO SHIPBUILDING & MARINE [KR]	H01M8/04; B63B35/28	BARGE MOUNTED FUEL CELL GENERATING PLANT AND METHOD FOR PLACING THE SAME
JP2011029008 A 20110210	JP20090173878 20090727	DAIDO STEEL CO LTD [JP]; NIKKO FUJI ELECTRONICS CO LTD; NIPPON MINING CO	H01M8/02	BASE MATERIAL FOR METAL SEPARATOR, METHOD OF MANUFACTURING THE SAME, AND METAL SEPARATOR
JP2011086579 A 20110428	JP20090240519 20091019	DAIHATSU MOTOR CO LTD	H01M8/04	FUEL CELL SYSTEM
JP2011076835 A 20110414	JP20090226421 20090930	DAIHATSU MOTOR CO LTD	H01M8/04; H01M8/06	FUEL CELL SYSTEM
US2011159402 A1 20110630	US201113045463 20110310; JP20030318243 20030910; JP20040226891 20040803; US20060571317 20060309; WO2004JP13241 20040910	DAIKIN IND LTD [JP]; ASAHI KASEI E MATERIALS CORP [JP]	H01M8/10; C08F8/18; C08F8/20; C08J5/22; H01M4/86	STABILIZED FLUOROPOLYMER AND METHOD FOR PRODUCING SAME
DE102010004708 A1 20110113	DE201010004708 20100115	DAIMLER CHRYSLER AG [DE]	H01M8/02	FUEL CELL FOR FUEL CELL STACK OF VEHICLE, HAS MEMBRANE ELECTRODE ASSEMBLY, WHICH IS ADJACENT TO DISTRIBUTION ELEMENTS FOR IMPINGING ELECTRODE OF MEMBRANE-ELECTRODE-ASSEMBLY WITH REACTANT
US2011003230 A1 20110106	US20080809460 20081216; US20070961883 20071220; WO2008US87038 20081216	DAIMLER CHRYSLER AG [DE]	H01M8/24	COMPRESSION APPARATUS FOR FUEL CELL STACK

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US2011097636 A1 20110428	DE200410034071 20040715; WO2005EP06923 20050628	DAIMLER CHRYSLER AG [DE]	H01M8/04	DISCONNECTING PROCEDURE FOR FUEL CELL SYSTEMS
US2011097648 A1 20110428	DE20021036998 20020813; WO2003DE02603 20030804	DAIMLER CHRYSLER AG [DE]	H01M8/04; C25B9/00; C25B15/08; H01M8/02	CONTROL OF A FLUID FLOW IN AN ELECTROCHEMICAL CELL
DE102009049427 A1 20110421	DE200910049427 20091014	DAIMLER CHRYSLER AG [DE]	H01M8/04	COOLING DEVICE, PREFERABLY FUEL CELL SYSTEM USED FOR FUNCTIONAL SYSTEM, PARTICULARLY MOTOR VEHICLE, COMPRISES LINE SYSTEM FOR COOLING FLUID CONNECTED TO FUNCTIONAL SYSTEM FOR COOLING
DE102009041488 A1 20110324	DE200910041488 20090914	DAIMLER CHRYSLER AG [DE]	H01M8/02	FUEL CELL ARRANGEMENT HAS ELECTRODE OF POLARITY FOR FUEL AND TWO OTHER ELECTRODES OF OTHER POLARITY FOR OXIDIZING AGENT, WHERE SEPARATING ELEMENT IS PROVIDED FOR ELECTRICAL ISOLATION OF ELECTRODES
DE102010032537 A1 20110310	DE201010032537 20100728; DE200910039904 20090903	DAIMLER CHRYSLER AG [DE]	H01M8/24	METHOD FOR ASSEMBLING FUEL CELL STACK SECTION THAT IS UTILIZED FOR PRODUCING DRIVING POWER IN CAR, INVOLVES APPLYING SEAL AS SEALING COMPOUND ON STACK BODIES, WHERE COMPOUND IS PLASTICALLY DEFORMED AND/OR LIQUID AND/OR PASTY

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DE102009060178 A1 20110630	DE200910060178 20091223	DAIMLER CHRYSLER AG [DE]	B60K6/32; B60R16/03; H01M8/04	DRIVE SYSTEM FOR E.G. INTERNAL COMBUSTION ENGINE OF VEHICLE, HAS FUEL CELL COOLED BY FLOW PROCESS AIR AND WHOSE AIR REQUIRED REGION IS INTEGRALLY DESIGNED IN REGION OF INTAKE AIR FLOW OF ENGINE, SO THAT AIR IS PASSED THROUGH AIR INLET
DE102009059769 A1 20110622	DE200910059769 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/24; H01M8/02	FUEL CELL STACK PRODUCING METHOD, INVOLVES PRODUCING PLATES FROM METAL SUBSTRATE BANDS, AND PRODUCING STRUCTURES FOR JOINING PLATES IN TEMPORALLY PARALLEL WORK STEPS AND SEPARATELY FOR METAL SUBSTRATE BANDS
DE102009059768 A1 20110622	DE200910059768 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE PRODUCING METHOD, INVOLVES JOINING PLATES TO FORM BIPOLAR PLATE DURING LASER WELDING PROCESS, TESTING BIPOLAR PLATE FOR TIGHTNESS BETWEEN PLATES DURING SEALING TEST, AND INTRODUCING SEALS ON EXTERIOR OF BIPOLAR PLATE
DE102009059767 A1 20110622	DE200910059767 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE PRODUCING METHOD, INVOLVES COATING SURFACES OF BIPOLAR PLATE WITH CATALYST DURING COATING PROCESS, AND IMPLEMENTING LOW-STRESS ANNEALING AFTER TRANSFORMING PROCESS AND/OR AFTER LASER WELDING PROCESS

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DE102009059766 A1 20110622	DE200910059766 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02; H01M8/24	METHOD FOR PRODUCTION OF CONTACT AREAS IN BIPOLAR PLATES OF FUEL CELL STACK, INVOLVES STACKING OF PLATES ONE ABOVE OTHER, AND CONTROLLING NOTCHING TOOL FOR ARRANGING PIN IN ONE PLATE, AND SETTING PLUG ON PIN BY PLATES
DE102009059765 A1 20110622	DE200910059765 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE PRODUCING METHOD, INVOLVES PRODUCING ACTUAL PATTERN FROM LINES BY PROJECTION ON INTERMEDIATE PRODUCTS, AND RECORDING ACTUAL PATTERN BY CAMERA, WHERE ACTUAL PATTERN IS COMPARED WITH REFERENCE PATTERN
DE102009059764 A1 20110622	DE200910059764 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE PRODUCING METHOD, INVOLVES FORMING PLATES FROM BAND IN TEMPORALLY PARALLEL WORK STEPS, PROCESSING PLATES, WHERE PLATE IS FOLDED ON ANOTHER PLATE BEFORE JOINING PROCESS AND SEPARATED FROM BAND
DE102009059763 A1 20110622	DE200910059763 20091221	DAIMLER CHRYSLER AG [DE]	H01M8/02	BIPOLAR PLATE PRODUCING METHOD, INVOLVES REMOVING REACTION PARTICLE DEVELOPED IN COATING PROCESS AND IMPURITIES AFTER COATING PROCESS FROM PLATES IN CLEANING PROCESS E.G. MECHANICAL AND/OR CHEMICAL CLEANING PROCESS

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AT510313T T 20110615	US20010916115 20010725; WO2002CA01152 20020725	DAIMLER CHRYSLER AG [DE]	H01M8/04; H01M8/10; H01M8/24	FUEL CELL ANOMALY DETECTION METHOD AND APPARATUS
DE102009055755 A1 20110526	DE200910055755 20091125	DAIMLER CHRYSLER AG [DE]	C25D17/10; C25D5/02; H01M8/02	COATING DEVICE FOR ELECTROCHEMICAL COATING OF EDGES OF METAL COMPONENT, COMPRISES A RESERVOIR FOR RECEIVING PROCESS MEDIUM, AN APPLICATOR PARTIALLY SURROUNDING THE RESERVOIR AND BATH ELECTRODE STANDING IN CONTACT WITH THE PROCESS MEDIUM
DE102009053773 A1 20110519	DE200910053773 20091118	DAIMLER CHRYSLER AG [DE]	H01M8/02; B41M1/00; B41M5/00	FUNCTION ELEMENT E.G. ANODE, FOR USE IN FUEL CELL OF CAR, HAS LAYERS
DE102010033726 A1 20110512	DE201010033726 20100807	DAIMLER CHRYSLER AG [DE]	C09J5/00; H01M8/04	APPLYING AN ADHESIVE ON FUEL CELL COMPONENTS, COMPRISES TRANSFERRING THE ADHESIVE FROM A CARRIER FILM TO PREDETERMINED POSITIONS ON AT LEAST ONE OF THE FUEL CELL COMPONENTS
DE102010033725 A1 20110512	DE201010033725 20100807	DAIMLER CHRYSLER AG [DE]	B29C39/06; H01M8/02	DEVICE FOR PRODUCING MOLDED COMPONENT, HAS BELT CONVEYOR SYSTEM PROVIDED WITH BELT THAT IS CONDUCTED FOR FORMING MOLDED COMPONENT OVER OPENINGS OF MOLDING TOOLS, WHERE MOLDING TOOLS ARE ARRANGED ON CONVEYOR SECTION AND FILLING UNIT

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DE102010033724 A1 20110512	DE201010033724 20100807	DAIMLER CHRYSLER AG [DE]	C09J5/00; H01M8/04	METHOD FOR APPLYING AN ADHESIVE ON FUEL CELL COMPONENT, COMPRISES APPLYING THE ADHESIVE IN A PROCESS ON A TRANSFER BODY AND SUBSEQUENTLY TRANSFERRING FROM THE TRANSFER BODY AT GIVEN POSITION ON THE FUEL CELL COMPONENT
DE102010025814 A1 20110512	DE201010025814 20100701	DAIMLER CHRYSLER AG [DE]	B01D69/10; H01M8/02	ION-CONDUCTIVE MEMBRANE PRODUCING METHOD, INVOLVES APPLYING ION-CONDUCTIVE MATERIAL ON AND/OR IN PARTIAL AREA OF COMPLETE FULL-LAMINAR POROUS SUBSTRATE, WHERE PARTIAL AREA IS LIMITED BY DIMENSIONS OF ION-CONDUCTIVE AREA OF MEMBRANE
DE102009052473 A1 20110512	DE200910052473 20091109	DAIMLER CHRYSLER AG [DE]	G01N33/00; H01M8/04	DEVICE FOR DETECTING HYDROGEN CONCENTRATION IN GAS MIXTURE IN EXHAUST PIPE OF FUEL CELL SYSTEM IN VEHICLE, HAS PARTIAL ELEMENTS RUNNING PARALLEL TO GIVEN FLOW LENGTH, WHERE ONE OF PARTIAL ELEMENTS FORMS VOLUMES WITH HYDROGEN SENSOR
DE102010046527 A1 20110505	DE201010046527 20100924	DAIMLER CHRYSLER AG [DE]	B32B37/10; B32B37/16; H01M8/02	DEVICE FOR LAMINATING E.G. COMPONENTS TO MEMBRANE-ELECTRODE-ASSEMBLY UTILIZED FOR FUEL CELL, HAS HEATING SURFACE LYING FROM CENTRAL AREA TO EDGE AREAS IN CONTINUOUS MANNER AT COMPONENTS AND STRAIGHTENED



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DE102010046526 A1 20110505	DE201010046526 20100924	DAIMLER CHRYSLER AG [DE]	B32B37/10; B32B37/16; H01M8/02	METHOD FOR LAMINATING E.G. COMPONENTS TO MEMBRANE-ELECTRODE-ASSEMBLY UTILIZED FOR FUEL CELL, INVOLVES LAMINATING SINGLE EDGE REGION IN FRAME SHAPE AND LAMINATING SET OF EDGE REGIONS PARTIALLY SURROUNDING SINGLE EDGE REGION
DE102009051698 A1 20110505	DE200910051698 20091103	DAIMLER CHRYSLER AG [DE]	H01M8/04	FUEL CELL SYSTEM OPERATING METHOD FOR DRIVE OF E.G. ELECTRIC VEHICLE, INVOLVES REGULATING RELATIONSHIP BETWEEN CATHODE AIR SUPPLY QUANTITY OR RATE DETERMINED BY AIR SUPPLY DEVICE AND CURRENT OR POWER OUTPUT OF FUEL CELL
WO2011076396 A1 20110630	US20090289203P 20091222	DAIMLER CHRYSLER AG [DE]; BARSAN NICOLAE [DE]; BERRETTA FRANCINE [CA]; FELLOWS RICHARD [CA]; HAAS HERWIG [CA]; HSIEH YVONNE [CA]; LEOW ANDREW [CA]; PEPIN GUY [CA]; ROBERTS JOY [CA]; YANG AMY SHUN-WEN [CA]; FORD MOTOR CO [US]	H01M4/90; H01M4/86; H01M4/88; H01M8/10	FUEL CELL WITH SELECTIVELY CONDUCTING ANODE COMPONENT

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WO2011057722 A1 20110519	DE200910053499 20091116	DAIMLER CHRYSLER AG [DE]; BAUR THOMAS [DE]; RICHTER HOLGER [DE]	H01M8/04	FUEL CELL SYSTEM HAVING A FLUID SEPARATOR IN THE ANODE CIRCUIT
WO2011029499 A1 20110317	DE200910040815 20090910; DE200910049761 20091017	DAIMLER CHRYSLER AG [DE]; BOEGERSHAUSEN CLEMENS [DE]; LEDERBOGEN MATTHIAS [DE]; VOGEL BERNHARD [DE]	H01M8/04	METHOD FOR COLD STARTING A FUEL CELL SYSTEM AND FUEL CELL SYSTEM OF A MOTOR VEHICLE
WO2011026544 A1 20110310	DE200910039903 20090903	DAIMLER CHRYSLER AG [DE]; ERDMANN CHRISTIAN MARTIN [DE]; KEUERLEBER MARTIN [DE]; PFISTER UWE [DE]; TOBER HARALD [DE]	H01M8/02; H01M8/24	FUEL CELL STACK SECTION AND METHOD FOR ASSEMBLING THE FUEL CELL SECTION
WO2011026543 A1 20110310	DE200910039901 20090903	DAIMLER CHRYSLER AG [DE]; ERDMANN CHRISTIAN MARTIN [DE]; KEUERLEBER MARTIN [DE]; PFISTER UWE [DE]; TOBER HARALD [DE]	H01M8/10; H01M8/02; H01M8/24	FUEL CELL UNIT, FUEL CELL STACK HAVING FUEL CELL UNITS

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WO2011026540 A1 20110310	DE200910039905 20090903	DAIMLER CHRYSLER AG [DE]; ERDMANN CHRISTIAN MARTIN [DE]; KEUERLEBER MARTIN [DE]; PFISTER UWE [DE]; TOBER HARALD [DE]	H01M8/02; H01M8/24	MEMBRANE ASSEMBLY FOR A FUEL CELL STACK, FUEL CELL STACK HAVING THE MEMBRANE ASSEMBLY, AND METHOD
WO2011026537 A1 20110310	DE200910039900 20090903	DAIMLER CHRYSLER AG [DE]; ERDMANN CHRISTIAN MARTIN [DE]; KEUERLEBER MARTIN [DE]; PFISTER UWE [DE]; TOBER HARALD [DE]	H01M8/02; H01M8/24	MEMBRANE ASSEMBLY FOR A FUEL CELL STACK AND FUEL CELL STACK HAVING THE MEMBRANE ASSEMBLY
DE102009036858 A1 20110217	DE200910036858 20090810	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	F16L53/00; H01M8/04; H05B3/56	COMPONENTS CONNECTING DEVICE FOR GUIDING MOISTENED GAS FLOW IN FUEL CELL SYSTEM THAT IS UTILIZED FOR E.G. RAIL-LESS VEHICLE, HAS HEATING WIRE ARRANGED INSIDE LINE ELEMENT SUCH THAT THAT HEATING WIRE PROJECTS ABOVE LINE ELEMENT IN END
DE102009036857 A1 20110217	DE200910036857 20090810	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/02; G01L19/06	SENSOR ARRANGEMENT FOR FUEL CELL SYSTEM I.E. ENERGY GENERATOR, FOR VEHICLE, HAS INSULATION DEVICE INSULATING PRESSURE SENSOR AND HEATING DEVICE, WHERE INSULATION DEVICE IS ARRANGED AS SEPARATE COMPONENT ON SENSOR AND HEATING DEVICE

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DE102009036436 A1 20110210	DE200910036436 20090806	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	SUPPLY ARRANGEMENT I.E. ANODE SUPPLY SYSTEM, FOR SUPPLYING HYDROGEN TO FUEL CELL PACK FOR DRIVING VEHICLE, HAS TIMING VALVE AND SET OF VALVES ARRANGED PARALLEL TO EACH OTHER, WHERE ONE VALVE IS ARRANGED IN BYPASS LINE TO TIMING VALVE
DE102009036198 A1 20110217	DE200910036198 20090805	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR STOPPING FUEL CELL SYSTEM OF MOTOR VEHICLE, INVOLVES CONNECTING CATHODE AREA WITH ENVIRONMENT ON SUPPLY AIR-SIDE AND EXHAUST AIR-SIDE, WHERE CONNECTION OF CATHODE AREA WITH ENVIRONMENT IS MAINTAINED OPEN
DE102009036197 A1 20110217	DE200910036197 20090805	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR OPERATING FUEL CELL SYSTEM IN E.G. MOTOR VEHICLE, INVOLVES MEASURING INPUT ELECTRICAL VOLTAGE APPLIED TO FUEL CELL, AND CONTROLLING VALVE MECHANISM PARTIALLY DEPENDING ON MEASURED ELECTRICAL VOLTAGE
DE102009033875 A1 20110120	DE200910033875 20090717	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR OPERATION OF GAS CELL SYSTEM OF MOTOR VEHICLE, INVOLVES PRODUCING ELECTRICITY BY ELECTRO- CHEMICAL REACTION OF OXIDIZING AGENT WITH FUEL

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DE102009050062 A1 20110421	DE200910050062 20091014	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	HUMIDIFYING ARRANGEMENT FOR HUMIDIFYING SUPPLY AIR FOR FUEL CELL SYSTEM, HAS BYPASS LINE BY-PASSING HUMIDIFIER AND LOCKABLE BY LOCKING DEVICE THAT IS ARRANGED DOWNSTREAM OF OUTLET OF HUMIDIFIER IN BYPASS LINE
DE102009050061 A1 20110421	DE200910050061 20091014	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	HUMIDIFICATION ASSEMBLY FOR PROVIDING MOISTENED SUPPLY AIR TO FUEL CELL SYSTEM IN E.G. PASSENGER CAR, HAS LINE ATTACHED TO INLET AND OUTLET REGIONS OF HUMIDIFIER, WHERE MEDIUM PASSING OVER LINE IS GUIDABLE THROUGH PARTIAL PATH BY HUMIDIFIER
DE102009056863 A1 20110609	DE200910056863 20091203	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	G01N33/00; H01M8/04	DEVICE FOR MEASURING HYDROGEN CONCENTRATION IN GAS MIXTURE IN EXHAUST GAS PIPELINE OF FUEL CELL SYSTEM OF VEHICLE, HAS THERMAL INSULATION ARRANGED BETWEEN PIPELINE ELEMENT OF FUEL CELL SYSTEM AND HEATING ELEMENT
DE102009056856 A1 20110609	DE200910056856 20091203	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	G01N33/00; H01M8/04	HYDROGEN CONCENTRATION DETECTING DEVICE FOR USE IN HYDROGEN-CONTAINING GAS MIXTURE IN FUEL CELL SYSTEM I.E. POLYMER ELECTROLYTE MEMBRANE FUEL CELL SYSTEM, OF VEHICLE, HAS SENSOR ENCLOSED WITH ISOLATED MATERIAL OPPOSITE TO ENVIRONMENT

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DE102009048247 A1 20110407	DE200910048247 20091005	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR OPERATING FUEL CELL SYSTEM OF E.G. SHIP IN WATER, INVOLVES OPERATING VALVE DEVICE IN OPENED CONDITION WHEN PRESSURE WITHIN ANODE AREA OF VALVE DEVICE IS LARGER OR EQUAL TO PRESSURE IN CATHODE AREA OF VALVE DEVICE
DE102009043565 A1 20110407	DE200910043565 20090930	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	DEVICE FOR SUPPLYING MEDIA INTO FUEL CELL SYSTEM IN E.G. MOTOR VEHICLE, HAS COMPRESSOR, SOUND ABSORBERS, DRIVE MOTOR, VALVE DEVICE, RECIRCULATION CONVEYING DEVICE AND DRAIN AND/OR PURGE VALVE, WHICH ARE SUPPORTED BY SOUND-ABSORBING HOUSING
DE102009043564 A1 20110407	DE200910043564 20090930	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	F04D29/66; H01M8/04	DEVICE FOR SUPPLYING AIR IN FUEL CELL SYSTEM OF E.G. RAIL-MOUNTED OR TRACKLESS LAND VEHICLE, HAS AIR CONVEYER SYSTEM AND SOUND ABSORBERS INTEGRATED IN SOUND CAPSULE, WHERE SOUND CAPSULE IS FASTENED TO SUPPORT STRUCTURE
DE102009043563 A1 20110407	DE200910043563 20090930	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/02; G05B5/04; G05B11/28; G05B11/60; H01M8/04	FUEL CELL SYSTEM FOR USE IN MOTOR VEHICLE, HAS HYDROGEN DOSING DEVICE WITH CLOCK-CONTROLLED VALVE UNITS, AND FLOW PATH PROVIDED IN REGION OF VALVE UNITS, WHERE FLOW PATH ALLOWS LEAKAGE FLOW IN CLOSED CONDITION OF VALVE UNITS

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DE102009043560 A1 20110407	DE200910043560 20090930	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/02; G05B5/04; G05B11/28; G05B11/60; H01M8/04	FUEL CELL SYSTEM FOR USE IN MOTOR VEHICLE, HAS HYDROGEN DOSING DEVICE WITH CLOCK-CONTROLLED VALVE UNITS, AND TIME-DELAYED VALVE UNIT ARRANGED IN FLOW PATH THAT IS FORMED PARALLEL TO CLOCK-CONTROLLED VALVE UNITS
DE102009042580 A1 20110407	DE200910042580 20090924	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/02	FUEL CELL SYSTEM FOR USE IN E.G. PASSENGER CAR, HAS FUEL CELL STACK WITH REGION E.G. INTERMEDIATE PLATE SUCH AS BIPOLAR PLATE, PROVIDED WITH OPENING BY WHICH COIL IS GUIDED, WHERE COIL SURROUNDS REGION PARTLY AS WINDING
DE102009039445 A1 20110303	DE200910039445 20090831	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	F16T1/12; G01F23/26; H01M8/02; H01M8/04	METHOD FOR DISCHARGING FLUID AND/OR GAS FROM REGION THROUGH WHICH GAS STREAM FLOWS, INTO DISCHARGE AREA, INVOLVES VARYING PULSE CONTROL FACTOR BASED ON DIFFERENCE BETWEEN TWO PRESSURE LEVELS
DE102009056031 A1 20110601	DE200910056031 20091127	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; B60L11/18	FUEL CELL SYSTEM FOR VEHICLE, HAS CONTROL DEVICE PROVIDED SUCH THAT OPERATION OF ONE OF INSULATION MONITORING DEVICES IS DISABLED DURING OPERATION OF ANOTHER MONITORING DEVICE DEPENDING ON ASSOCIATED ENERGY SOURCES

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DE102009056030 A1 20110601	DE200910056030 20091127	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04; B60L11/18	METHOD FOR OPERATING FUEL CELL SYSTEM OF VEHICLE, INVOLVES PROVIDING CONSTANT PARTIAL CURRENT BY FUEL CELL STACKS WHEN VALUE OF TOTAL CURRENT REACHES THRESHOLD VALUE OR THRESHOLD VALUE IS EXCEEDS
DE102009056029 A1 20110601	DE200910056029 20091127	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD FOR OPERATING FUEL CELL SYSTEM OF VEHICLE, INVOLVES CARRYING OUT PARTIAL CURRENTS OF FUEL CELL STACKS WHEN THRESHOLD VALUE IS FALLEN BELOW VALUE SUCH THAT ELECTRICAL VOLTAGE OF FUEL CELL STACKS IS INCREASED TO THRESHOLD VALUE
DE102009052443 A1 20110512	DE200910052443 20091110	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	FUEL CELL ARRANGEMENT FOR E.G. PASSENGER CAR, HAS FUNCTIONAL UNITS ASSEMBLED INDEPENDENT OF EACH OTHER, AND HOLDING FRAME PROVIDED WITH RETAINING AREA, WHERE FUNCTIONAL UNITS ARE FIXED AT RETAINING AREA IN CORRECT POSITION
DE102009052440 A1 20110512	DE200910052440 20091110	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]	H01M8/04	FUEL CELL ARRANGEMENT FOR USE IN VEHICLE, HAS FUEL CELL STACKS INCLUDING EXHAUST AIR DUCTS RESPECTIVELY, WHERE DUCTS LEAD INTO COMMON OUTLET LINE, WHICH PASSES THROUGH EXTERNAL WALL OF HOUSING



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WO2011035826 A1 20110331	DE200910042901 20090925	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; BAUER RAINER [DE]	H01M8/04; B60L3/00	METHOD FOR OPERATING A FUEL CELL SYSTEM
WO2011015281 A1 20110210	DE200910036435 20090806	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; BAUR THOMAS [DE]; JESSE MATTHIAS [DE]; MAZZOTTA COSIMO [DE]	H01M8/04	SUPPLY ASSEMBLY FOR A FUEL CELL PACK, FUEL CELL MODULE, AND METHOD FOR OPERATING THE FUEL CELL MODULE
WO2011015282 A1 20110210	DE200910036199 20090805	DAIMLER CHRYSLER AG [DE]; FORD GLOBAL TECH LLC [US]; MUELLER HELMUT [DE]; SCHMALZRIEDT SVEN [DE]; WEIGELE KLAUS [DE]	H01M8/04	METHOD FOR OPERATION OF A FUEL CELL SYSTEM IN A VEHICLE
US2011070511 A1 20110324	US20100956226 20101130; US20040936461 20040908; US20040560731P 20040209	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]	H01M8/04	COOLING SUBSYSTEM FOR AN ELECTROCHEMICAL FUEL CELL SYSTEM
US2011111321 A1 20110512	US20090615671 20091110	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]	H01M8/10; B05D5/12	COMPOSITE PROTON CONDUCTING MEMBRANE WITH LOW DEGRADATION AND MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELLS

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WO2011069660 A2 20110616	US20090635437 20091210	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]; BOGDANOV ANDREI [CA]; KREMLIAKOVA NATALIA [CA]; VDOVINE DMITRI [CA]	H01M8/02	METHOD OF CHEMICAL TREATMENT OF FUEL CELL PLATE SURFACE TO MODIFY WETTABILITY OF FLOW FIELD CHANNELS
WO2011057769 A1 20110519	US20090615671 20091110; US20100360340P 20100630	DAIMLER CHRYSLER AG [DE]; FORD MOTOR CO [US]; LI JING [CA]; WANG KEPING [CA]; YANG YUNSONG [CA]	H01M8/10; B01D67/00; B01D71/02; B01D71/06; C08J5/22	COMPOSITE PROTON CONDUCTING ELECTROLYTE WITH IMPROVED ADDITIVES FOR FUEL CELLS
WO2011023261 A1 20110303	DE200910039364 20090829	DAIMLER CHRYSLER AG [DE]; HOESS RALF [DE]	H01M8/04; B60H1/00; B60K11/04; B60L11/18; F28D1/00	VEHICLE HAVING AT LEAST ONE COOLING CIRCUIT FOR COOLING A FUEL CELL SYSTEM
WO2011050916 A1 20110505	DE200910051476 20091030	DAIMLER CHRYSLER AG [DE]; KNOOP ANDREAS [DE]; MIRSCH DIETMAR [DE]; SCHABEL HANS-JOERG [DE]	H01M8/02; H01M8/04	FUEL CELL SYSTEM COMPRISING AT LEAST ONE FUEL CELL
WO2011009517 A1 20110127	DE200910034380 20090723	DAIMLER CHRYSLER AG [DE]; MANGOLD PATRICK [DE]; FANDEL STEFAN [DE]; HEUMOS MARTIN [DE]; WEGER WOLFGANG [DE]	H01M8/04; H01M8/24	FUEL CELL SYSTEM

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WO2011044975 A1 20110421	DE200910049428 20091014	DAIMLER CHRYSLER AG [DE]; MITTMANN MARIO [DE]; NEUPERT STEPHAN [DE]; SCHWIENBACHER WOLFGANG [DE]	H01M8/04	CONTAINER ARRANGEMENT FOR A FUEL CELL SYSTEM, AND METHOD FOR INTRODUCING AN ION EXCHANGE MODULE IN A COOLANT CONTAINER
WO2011038830 A1 20110407	DE200910043569 20090930	DAIMLER CHRYSLER AG [DE]; MUETSCHLE ARMIN [DE]; RICHTER HOLGER [DE]	H01M8/04	METHOD FOR OPERATING A FUEL CELL SYSTEM
JP2011028852 A 20110210	JP20090170166 20090721	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01M8/10	CATALYTIC LAYER-ELECTROLYTE MEMBRANE LAMINATE WITH EDGE SEAL, ELECTRODE-ELECTROLYTE MEMBRANE ASSEMBLY AND SOLID POLYMER FUEL CELL AND METHOD FOR MANUFACTURING THESE
JP2011023225 A 20110203	JP20090167611 20090716	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01M4/96; H01M8/10	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE OF FUEL CELL, ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
JP2011020044 A 20110203	JP20090166792 20090715	DAINIPPON PRINTING CO LTD [JP]	B01J19/00; B01J23/80; B81B1/00; B81C1/00; C01B3/32; G01N3/58	MICROREACTOR AND METHOD OF FABRICATING THE SAME
JP2011014403 A 20110120	JP20090157991 20090702	DAINIPPON PRINTING CO LTD [JP]	H01M4/88; H01M8/02; H01M8/10	TRANSFER SHEET, POLYMER ELECTROLYTE FUEL CELL MEMBER, AND METHODS OF MANUFACTURING POLYMER ELECTROLYTE FUEL CELL MEMBER AND ELECTRODE-ELECTROLYTE MEMBRANE LAMINATION WITH EDGE SEAL

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JP2011009146 A 20110113	JP20090153684 20090629	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01M4/86; H01M8/10	SOLID ALKALINE FUEL CELL
JP2011008934 A 20110113	JP20090148333 20090623	DAINIPPON PRINTING CO LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL
JP2011003420 A 20110106	JP20090146049 20090619	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M8/02; H01M8/10	ANODE ELECTRODE FOR SOLID ALKALINE FUEL CELL, AND ANION CONDUCTIVE POLYMER ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY AND SOLID ALKALINE FUEL CELL USING THE SAME
JP2011086472 A 20110428	JP20090237853 20091015	DAINIPPON PRINTING CO LTD [JP]	H01M8/02	SEPARATOR OF FUEL CELL, AND MANUFACTURING METHOD THEREOF
JP2011076959 A 20110414	JP20090229148 20090930	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01M4/86; H01M8/12; H01M8/24	SINGLE CELL OF SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL INCLUDING THE SAME
JP2011076907 A 20110414	JP20090228028 20090930	DAINIPPON PRINTING CO LTD [JP]	H01M4/88; H01M8/04; H01M8/10	CATALYST TRANSFER FILM AND METHOD OF MANUFACTURING THE SAME AS WELL AS CATALYST LAYER- ELECTROLYTE MEMBRANE LAMINATE, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL MANUFACTURED WITH USE OF THIS TRANSFER FILM

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JP2011076849 A 20110414	JP20090226882 20090930	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M8/02; H01M8/10	GAS DIFFUSION ELECTRODE WITH MICRO POROUS LAYER OF FUEL CELL, CATALYST LAYER WITH MICRO POROUS LAYER, GAS DIFFUSION ELECTRODE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
JP2011076848 A 20110414	JP20090226801 20090930	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; B01J23/42; H01M4/88; H01M4/96; H01M8/02; H01M8/10	MICRO POROUS LAYER FOR FUEL CELL, GAS DIFFUSION ELECTRODE WITH MICRO POROUS LAYER, CATALYST LAYER WITH MICRO POROUS LAYER, GAS DIFFUSION ELECTRODE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
JP2011070911 A 20110407	JP20090220759 20090925	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; B30B15/34	JIG FOR PRESSING, ANDDD MANUFACTURING METHOD OF CATALYST LAYER-ELECTROLYTE FILM LAMINATE USING THE SAME
US2011065015 A1 20110317	US20100926400 20101116; JP20030182618 20030626; JP20030271191 20030704; JP20030278485 20030723; JP20040071596 20040312; US20070561789 20070315; WO2004JP09347 20040625	DAINIPPON PRINTING CO LTD [JP]	H01M8/24; H01M8/02; H01M8/10; H01M8/12	SOLID OXIDE FUEL CELL
JP2011096645 A 20110512	JP20090226195 20090930; JP20100213570 20100924	DAINIPPON PRINTING CO LTD [JP]	H01M4/86; H01M8/02; H01M8/12	SINGLE-CHAMBER TYPE SOLID OXIDE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011096633 A 20110512	JP20090228678 20090930; JP20100174461 20100803	DAINIPPON PRINTING CO LTD [JP]	H01M8/02; H01B1/06; H01B13/00	PROTON CONDUCTIVE ELECTROLYTE MEMBRANE, CATALYST LAYER- ELECTROLYTE MEMBRANE LAMINATE, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME, AND METHOD OF MANUFACTURING THE SAME
JP2011000491 A 20110106	JP20090142974 20090616	DAINIPPON PRINTING CO LTD [JP]; SHIBAURA INST TECHNOLOGY	B01D71/02; B01D69/12	HYDROGEN SELECTIVE PERMEABLE MEMBRANE AND MANUFACTURING METHOD THEREFOR
CN101943525 A 20110112	CN20091012464 20090710	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES	F28D1/04; F28F1/30; F28F19/06; F28F21/08; H01M8/02; H01M8/04	TUBE TYPE HEAT EXCHANGER AND APPLICATION OF TUBE TYPE HEAT EXCHANGER IN DIRECT ALCOHOL FUEL CELL SYSTEM
CN101997127 A 20110330	CN20091013296 20090821	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES	H01M8/04; B01D19/00; H01M8/10	GAS-LIQUID SEPARATOR USED FOR DIRECTLY LIQUID FEEDING FUEL BATTERY SYSTEM
CN101997126 A 20110330	CN20091013294 20090821	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES	H01M8/04; G05D11/13; H01M8/10; H01M8/24	FUEL CONCENTRATION CONTROL METHOD FOR FUEL BATTERY SYSTEM FED WITH LIQUID FUEL
WO2011035784 A1 20110331	EP20090171384 20090925; US20090245708P 20090925	DANMARKS TEKNISKE UNI DTU [DK]; JENSEN JENS OLUF [DK]; LI QINGFENG [DK]; BJERRUM NIELS J [DK]; STEENBERG THOMAS [DK]	H01M8/04; H01M8/10	METHOD OF OPERATING A DIRECT DME FUEL CELL SYSTEM

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US2011084487 A1 20110414	US20100969210 20101215; US20090286982P 20091216	DAVIDSON ARTHUR [US]	H02K7/18; F02C3/22; H01M8/06	METHODS, APPARATUSES, AND SYSTEMS FOR THE EXTENSIBLE AND RECYCLABLE USE OF SOLID MATTER IN THE SUPPLY CHAIN FOR THE GENERATION OF ELECTRICITY
JP2011040401 A 20110224	US20020201004 20020723	DEERE & CO	H01M8/04; F28C3/08; F28D5/02	FUEL CELL COOLING DEVICE
AT492718T T 20110115	US20050108066 20050415	DELAVAN INC [US]	F02M25/12; C01B3/26; C01B3/38; F02M27/02; H01M8/06; H01M8/12	INTEGRATED FUEL INJECTION AND MIXING SYSTEMS FOR FUEL REFORMERS AND METHODS OF USING THE SAME
AT502412T T 20110415	US20040027095 20041230	DELPHI TECH INC [US]	H01M8/24; H01M8/12	MODULAR FUEL CELL CASSETTE FOR FORMING A SOLID-OXIDE FUEL CELL STACK
EP2333882 A2 20110615	US20090635756 20091211	DELPHI TECH INC [US]	H01M4/88; B01J23/00; C01G51/00; H01M4/90; H01M8/12	PEROVSKITE MATERIALS FOR SOLID OXIDE FUEL CELL CATHODES
EP2333888 A2 20110615	US20090635316 20091210	DELPHI TECH INC [US]	H01M8/12; H01M4/86	LOW-RESISTANCE CERAMIC ELECTRODE FOR A SOLID OXIDE FUEL CELL
EP2330672 A1 20110608	US20090630198 20091203	DELPHI TECH INC [US]	H01M8/12; C03C14/00; C04B35/18; C04B35/80; H01M8/02	GLASS SEAL CONTAINING ZIRCONIA POWDER AND FIBER FOR A SOLID OXIDE FUEL CELL STACK

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AT503279T T 20110415	US20040027095 20041230; US20050158369 20050622	DELPHI TECH INC [US]; BATTELLE MEMORIAL INSTITUTE [US]	H01M8/02; H01M2/08; H01M8/24	CERAMIC COATINGS FOR INSULATING MODULAR FUEL CELL CASSETTES IN A SOLID-OXIDE FUEL CELL STACK
AT492919T T 20110115	DE200610012908 20060310	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/04	ELECTRODE MEMBRANE UNIT AND FUEL CELL
AT500629T T 20110315	DE200410046004 20040917; DE200410059776 20041207; WO2005EP09557	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	H01M8/06; H01M8/04	FUEL CELL SYSTEM
US2011117471 A1 20110519	US20100947591 20101116; US20090261573P 20091116	DEVOE ALAN [US]; DEVOE LAMBERT [US]	H01M8/04; H01M8/24	FUEL CELL DEVICE
NL2003429C C 20110303	NL20092003429 20090902	DHV B V [NL]	B01D9/00; C02F1/52; H01M8/06; H01M8/12; H01M8/22	METHOD FOR THE PRODUCTION OF ELECTRICAL ENERGY FROM AMMONIUM.
CN102022184 A 20110420	CN20101174261 20100501; CN20101518842 20101012	DING XIANMING	F02B43/10; F02C7/22; F24D1/02; H01M8/06	CLOSED CIRCULATING WATER HYDROGEN ENERGY APPLICATION
WO2011060530 A1 20110526	US20090262472P 20091118	DIONNE DESIGN INC [CA]; DIONNE MARC [CA]; JUHASZ LESLIE FRANK [CA]	H01M8/04; F01K27/00; H01M8/06; H01M8/24	METHOD AND SYSTEM FOR POWER GENERATION



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DE102009056273 A1 20110609	DE200910056273 20091201	DOBOS KAROLY [DE]	B60L11/18; H01M8/04	ARRANGEMENT FOR INCREASING WORKING CYCLE OF E.G. FORKLIFT TRUCK, HAS LOW TEMPERATURE OR HIGH TEMPERATURE FUEL CELLS FOR STORING ELECTRICAL ENERGY GENERATED BY GENERATOR IN ADDITION TO ELECTRICAL ENERGY STORED IN BATTERY AND ACCUMULATOR
KR20110039609 A 20110420	KR20090096535 20091012	DONGA MFG CORP [KR]	H01M8/02; H01M8/00	MOLD FOR MANUFACTURING THE GASKET OF FUEL CELL SEPARATOR
KR20110026099 A 20110315	KR20090083850 20090907	DONGA MFG CORP [KR]	B29C35/02; H01M8/02	MOLDING FOR MAKING GASKET USED IN FUEL CELL AND GASKET USED IN FUEL CELL INCLUDING METAL PIN
KR20110032257 A 20110330	KR20090089653 20090922	DONGJIN SEMICHEM CO LTD [KR]	C08G61/12; C08L65/00; H01M8/02; H01M8/10	POLYSUFONE BASED POLYMER, POLYMER ELECTROLYTE MEMBRANE COMPRISING POLYMER, MEMBRANES-ELECTRODE ASSEMBLY COMPRISING MEMBRANE AND FUEL CELL COMPRISING MEMBRANE, AND PREPARING METHOD THEREOF
KR20110027993 A 20110317	KR20090085873 20090911	DONGJIN SEMICHEM CO LTD [KR]	C08G65/40; C08L71/10; C08L79/08; H01M8/10	POLYARYLENE ETHER COPOLYMERS, POLYMER ELECTROLYTE MEMBRANES COMPRISING COPOLYMERS, MEMBRANES-ELECTRODE ASSEMBLIES COMPRISING MEMBRANES AND FUEL CELLS COMPRISING MEMBRANES, METHOD FOR PREPARING COPOLYMERS

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WO2011075877 A1 20110630	WO2009CN01557 20091225	DONGYUE SHENZHOU NEW MAT CO [CN]; ZHANG YONGMING [CN]; GAO ZIHONG [CN]; QIN SHENG [CN]; ZHANG HENG [CN]; LI YONG [CN]; WEI MAOXIANG [CN]; WANG JUN [CN]	C08F214/26; B01D71/44; C08F2/30; C08F216/14; H01M8/02	PERFLUORINATED ION EXCHANGE RESIN, PREPARATION METHOD AND USE THEREOF
KR20110017294 A 20110221	KR20090074887 20090813	DOOSAN HEAVY IND & CONSTR [KR]	H01M8/04; G01L5/00	SURFACE PRESSURE CONTROL APPARATUS FOR FUEL CELL
KR20110003137 A 20110111	KR20090060756 20090703	DOOSAN HEAVY IND & CONSTR [KR]	H01M4/90; B01J21/06; B01J23/30; H01M8/14	CATALYST FOR OXIDIZING HYDROGEN USED IN MOLTEN CARBONATE FUEL CELL AND METHOD FOR PRODUCING THE SAME
KR20110067387 A 20110622	KR20090123963 20091214	DOOSAN HEAVY IND & CONSTR [KR]	H01M8/02; H01M8/24	FUEL CELL WITH INCREASED ELETRO- CHEMICAL REACTION AREA
KR20110003656 A 20110113	KR20090061030 20090706	DOOSAN HEAVY IND & CONSTR [KR]; KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/04; H01M8/14; H01M8/24	HYBRID TYPE MOLTEN CARBONATE FUEL CELL AND UNIT CELL USED THE SAME
JP2011067744 A 20110407	JP20090220259 20090925	DOWA HOLDINGS CO LTD; UNIV OITA	B01J23/89; B01J37/03; B01J37/16; C01B3/36; C01B3/40; H01M8/06	HYDROGEN PRODUCING CATALYST, HYDROGEN PRODUCING METHOD, HYDROGEN PRODUCING APPARATUS, AND FUEL CELL SYSTEM

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JP2011103308 A 20110526	US19990131799P 19990430	DU PONT [US]	H01M4/88; H01M4/86; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING CATALYST COATED FILM
WO2011028998 A1 20110310	US20090239623P 20090903	DU PONT [US]; CHOUDHURY BISWAIIT [US]; TANNENBAUM HARVEY P [US]	H01M8/10	IMPROVED CATALYST COATED MEMBRANES HAVING COMPOSITE, THIN MEMBRANES AND THIN CATHODES FOR USE IN DIRECT METHANOL FUEL CELLS
JP2011091995 A 20110506	US20090582367 20091020	EATON CORP [US]	H02H7/18; H01M8/00; H01M8/04; H01M10/44; H01M10/48	STRING AND SYSTEM USING DIRECT-CURRENT POWER MODULE AND LOTS OF STRING PROTECTION APPARATUSES
JP2011003483 A 20110106	JP20090147266 20090622	EBARA CORP	H01M8/04; H01M8/00	METHOD OF OPERATING FUEL CELL SYSTEM, AND FUEL CELL SYSTEM
DE102009060679 A1 20110630	DE200910060679 20091228	EBERSPAECHER J GMBH & CO [DE]	H01M8/06	OPERATING PROCESS FOR A FUEL CELL SYSTEM OPERATING PROCESS FOR A FUEL CELL
WO2011001311 A2 20110106	CH20090001034 20090703	ECOLE POLYTECH [CH]; FACCHINETTI EMANUELE [CH]; FAVRAT DANIEL [CH]; MARECHAL FRANCOIS [CH]	F01D15/00	HYBRID CYCLE SOFC - INVERTED GAS TURBINE WITH CO2 SEPARATION
WO2011063326 A1 20110526	US20090263140P 20091120	EGT ENTPR INC [US]; ENNIS BERNARD P [US]	H01M8/04	CARBON CAPTURE WITH POWER GENERATION

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KR20110022455 A 20110307	KR20090080063 20090827	ELCHEM TECH CO LTD [KR]; MOON SANG BONG [KR]	H01M4/86; H01M4/88; H01M8/02	FIBERSHAPED HOLLOW ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY COMPRISING THE SAME, AND ITS PREPARATION METHOD
DE102009051798 A1 20110505	DE200910051798 20091103	ELCOMAX GMBH [DE]	H01M4/88; H01M8/02	VERFAHREN ZUR ERZEUGUNG EINER KATALYSATORHALTIGEN ELEKTRODENSCHICHT
US2011091788 A1 20110421	DE200810028552 20080616; WO2009EP04354 20090616	ELCOMAX GMBH [DE]; LANXESS DEUTSCHLAND GMBH [DE]; RHEIN CHEMIE RHEINAU GMBH [DE]	H01M8/04; H01M8/10	GAS DIFFUSION ELECTRODES COMPRISING FUNCTIONALISED NANOPARTICLES
WO2011048307 A1 20110428	FR20090057421 20091022	ELECTRICITE DE FRANCE [FR]; ZAHID MOHSINE [DE]; SAOUTIEFF ELISE [FR]	H01M8/02; C01G3/00; C01G45/00; C01G49/00; C01G51/00; C01G53/00	INTERCONNECTOR FOR A HIGH- TEMPERATURE SOLID OXIDE FUEL CELL AND ELECTROLYSER
WO2011077229 A1 20110630	IT2009TO01026 20091222	ELECTRO POWER SYSTEMS S P A [IT]; CHERCHI PIERPAOLO [IT]; PEDRAZZO FRANCESCO [IT]; GIANOLIO GIUSEPPE [IT]	H01M8/04; H01M8/10	MANAGEMENT OF OPERATION OF A PEM -FUEL -CELL -STACK BACKUP ELECTRIC GENERATOR
DE102009034141 A1 20110127	DE200910034141 20090722	ELRINGKLINGER AG [DE]	H01M8/24; H01M8/02	HOUSING FOR E.G. BATTERY, HAS TENSIONING DEVICE INCLUDING SPRING ELEMENT E.G. COIL SPRING, AND ELECTROCHEMICAL DEVICE TENSIONABLE AGAINST EXTERNAL CARRIER STRUCTURE OF TENSIONING DEVICE BY USING SPRING ELEMENT

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DE102009037207 A1 20110303	DE200910037207 20090812	ELRINGKLINGER AG [DE]	H01M8/02	METHOD FOR CONNECTING BIPOLAR PLATE WITH ELECTRODE, CATHODE ELECTROLYTE OF ANODE UNIT AND OTHER COMPONENT OF FUEL CELL STACK, INVOLVES COATING BASE MATERIAL OF BIPOLAR PLATE WITH COATING MATERIAL
DE102009037206 A1 20110303	DE200910037206 20090812	ELRINGKLINGER AG [DE]; FORSCHUNGSZENTRUM JUELICH GMBH [DE]; THYSSENKRUPP VDM GMBH [DE]	H01M8/02	MANUFACTURING BIPOLAR PLATE FOR FUEL CELL STACK, INVOLVES COATING BASE MATERIAL OF BIPOLAR PLATE WITH COATING MATERIAL BY PLATING PROCESS
DE10195284 B4 20110324	DE20011095284 20011207; DE20001061084 20001208; WO2001EP14416 20011207	EMITEC EMISSIONSTECHNOLOGIE [DE]	C01B3/32; C01B3/38; B01J19/24; B01J19/32; C01B3/36; H01M8/06	REFORMER DEVICE WITH A HEAT SHIELD
JP2011014293 A 20110120	JP20090155544 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM
JP2011014292 A 20110120	JP20090155539 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011014291 A 20110120	JP20090155532 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM

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JP2011014290 A 20110120	JP20090155524 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/24; H01M8/04	FUEL CELL SYSTEM
JP2011014289 A 20110120	JP20090155518 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/04; F24H1/00; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2011014288 A 20110120	JP20090155510 20090630	ENEOS CELLTECH CO LTD [JP]	H01M8/04; F24F6/00	FUEL CELL SYSTEM
JP2011086543 A 20110428	JP20090239407 20091016	ENEOS CELLTECH CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM AND ITS DESIGN METHOD
AT504097T T 20110415	JP20010005782 20010112; JP20010006349 20010115; JP20010006482 20010115; WO2002JP00053 20020109	ENEOS CELLTECH CO LTD [JP]	H01M8/00; C01B3/48; H01M8/04; H01M8/06; H01M8/10	SOLID HIGH POLYMER TYPE FUEL CELL POWER GENERATING DEVICE
JP2011090850 A 20110506	JP20090242720 20091021	ENEOS CELLTECH CO LTD [JP]	H01M8/06; C01B3/38	REACTOR FOR FUEL CELL
JP2011096576 A 20110512	JP20090251081 20091030	ENEOS CELLTECH CO LTD [JP]	H01M8/06; C01B3/38	REFORMER FOR FUEL CELL POWER SUPPLY DEVICE

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WO2011048880 A1 20110428	JP20090240614 20091019; JP20090240616 20091019; JP20090240621 20091019; JP20090250816 20091030	ENEOS CELLTECH CO LTD [JP]; FUJU AKIRA [JP]; KAJITA TAKUYA [JP]; NISHIMURA YOSHINOBU [JP]	H01M8/06; C01B3/38	FUEL CELL SYSTEM
WO2011069086 A2 20110609	US20100790701 20100528; US20090266468P 20091203	ENERFUEL INC [US]; BETTS DANIEL AUGUSTO [US]; GRAHAM MATTHEW [US]; FUCHS MICHAEL [US]; BRAUN JAMES [US]	H01M8/06; B60L11/18; C01B3/02; H01M8/04; H01M8/10	HYBRID POWER PLANT SYSTEM FOR VEHICLES
WO2011025931 A1 20110303	US20090550228 20090828	ENERFUEL INC [US]; BRAUN JAMES [US]; ARNAL LUIS [US]; PIERCE JEFFERY [US]; BETTS DANIEL [US]	H01M8/02	A FUEL CELL COMPOSITE FLOW FIELD ELEMENT AND METHOD OF FORMING THE SAME
WO2011050314 A1 20110428	US20090603655 20091022	ENERFUEL INC [US]; STANIC VESNA [US]	H01M8/02; H01M8/10	INTEGRATED PEM FUEL CELL
WO2011069072 A2 20110609	US20090266480P 20091203	ENERFUEL INC [US]; VALENCIA GAELE LAURA GAROZZO [US]; PAVLIK THOMAS J [US]; TORRES MARCELA [US]; BRESANI SANTIAGO [US]; RIERA LUIS ALBERTO [US]; BRAUN JAMES [US]	H01M8/04; H01M8/10; H01M8/24	HIGH TEMPERATURE PEM FUEL CELL WITH THERMAL MANAGEMENT SYSTEM

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WO2011060918 A1 20110526	DE200910053839 20091118	ENYMOTION GMBH [DE]; WIELAND STEFFEN [DE]; WEEBER BERND [DE]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING A FUEL CELL SYSTEM
JP2011029150 A 20110210	JP20090153546 20090629; JP20100074064 20100329	EQUOS RES CO LTD	H01M4/86; H01M4/96; H01M8/10	REACTION LAYER FOR FUEL CELL
JP2011081977 A 20110421	JP20090232094 20091006	EQUOS RES CO LTD	H01M4/86; B01J23/42; B01J35/10; B01J37/04; H01M8/10	CATALYST LAYER FOR FUEL CELL
JP2011076828 A 20110414	JP20090226116 20090930	EQUOS RES CO LTD	H01M4/88; H01M4/92; H01M4/96	CATALYST FINE PARTICLE FOR FUEL CELL AND CATALYST FOR FUEL CELL
JP2011072872 A 20110414	JP20090224879 20090929	EQUOS RES CO LTD	B01J37/32; H01M4/88	TREATMENT METHOD OF CATALYST CARRYING CARBON AND ELECTRODE FOR FUEL CELL
JP2011100696 A 20110519	JP20090256459 20091109	EQUOS RES CO LTD	H01M4/88; B01J23/42; B01J37/04	DEVICE AND METHOD OF MANUFACTURING CATALYST PASTE
JP2011096587 A 20110512	JP20090251541 20091031	EQUOS RES CO LTD	H01M8/04	FUEL CELL SYSTEM
JP2011090853 A 20110506	JP20090242873 20091021	EQUOS RES CO LTD	H01M8/04; B60H1/22; B60L11/18; H01M8/00	WARM-UP SYSTEM OF VEHICLE MOUNTING FUEL CELL



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WO2011001981 A1 20110106	JP20090153546 20090629; JP20100074064 20100329; JP20100083384 20100331; JP20100083391 20100331; JP20100083431 20100331	EQUOS RESEARCH KK [JP]; OHTSUKA MOTOHIRO [JP]; KATOU HIDEMI [JP]; YAMAMOTO TAIZOU [JP]	H01M4/86; H01M8/02; H01M8/04; H01M8/06	REACTION LAYER FOR FUEL CELL
EP2324529 A2 20110525	WO2009EP06248 20090828; WO2008EP07083 20080829; EP20090778179 20090828	EWE FORSCHUNGSZENTRUM FUER ENERGIETECHNOLOGIE E V [DE]	H01M8/10; C08G75/23; C08J5/22; C08L81/06	PROTON EXCHANGE MEMBRANE FOR USE IN PROTON EXCHANGE MEMBRANE FUEL CELLS
WO2011035795 A1 20110331	WO2009EP06904 20090924	EWE FORSCHUNGSZENTRUM FUER ENERGIETECHNOLOGIE E V [DE]; HU JIN [DE]; CONRAD OLAF [DE]	H01M8/10	PROTON EXCHANGE MEMBRANE COMPRISING POLYMER BLENDS FOR USE IN HIGH TEMPERATURE PROTON EXCHANGE MEMBRANE FUEL CELLS
WO2011006668 A1 20110120	DE200910034032 20090716	EZELLERON GMBH [DE]; KUEHN SASCHA [DE]	H01M8/02; H01M8/24	FUEL CELL STACK
WO2011069625 A1 20110616	DE200910057494 20091210	FACHHOCHSCHULE GELSENKIRCHEN [DE]; BRODMANN MICHAEL [DE]; GREDA MARTIN [DE]; MUTASCU CRISTIAN [DE]; ROTH JEFFREY [DE]	H01M8/02; H01M8/24	ENERGY CONVERSION APPARATUS, IN PARTICULAR FUEL CELL STACK OR ELECTROLYZER
US2011076594 A1 20110331	US20100924469 20100927; US20090277926P 20090930	FAN ZENG [US]; PRINZ FRIEDRICH B [US]; HARADA USHIO [JP]	H01M8/10	CERIA-BASED ELECTROLYTES IN SOLID OXIDE FUEL CELLS

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US2011081589 A1 20110407	US20090572504 20091002	FARGO RICHARD N [US]	H01M8/04	SWIRL CHAMBER FOR A FUEL CELL COOLING MANIFOLD
KR20110003595 A 20110112	US20020183471 20020628	FIREFLY ENERGY INC [US]	H01M4/64; H01M4/66; B05D5/12; C01B31/00; C01B31/02; H01M2/26; H01M2/28; H01M4/02; H01M4/04; H01M4/14; H01M4/20; H01M4/48; H01M4/52; H01M4/56; H01M4/58; H01M4/80; H01M8/00; H01M10/06; H01M10/18; H01M10/20	BATTERY INCLUDING CARBON FOAM CURRENT COLLECTORS
WO2011035176 A1 20110324	US20090243970P 20090918	FLUIDIC INC [US]; FRIESEN CODY A [US]; KRISHNAN RAMKUMAR [IN]; FRIESEN GRANT [US]	H01M8/04; H01M8/18; H01M8/24; H01M12/08	RECHARGEABLE ELECTROCHEMICAL CELL SYSTEM WITH A CHARGING ELECTRODE CHARGE/DISCHARGE MODE SWITCHING IN THE CELLS
WO2011044528 A1 20110414	US20090249917P 20091008	FLUIDIC INC [US]; FRIESEN CODY A [US]; KRISHNAN RAMKUMAR [US]; FRIESEN GRANT [US]	H01M12/08; H01M2/38; H01M8/02; H01M8/04; H01M8/18; H01M8/20; H01M8/24; H01M10/42; H01M12/06	RECHARGEABLE METAL-AIR CELL WITH FLOW MANAGEMENT SYSTEM
US2011003214 A1 20110106	WO2008US06567 20080522	FOLEY PETER F [US]; ISOM JOSHUA D [US]; PRESTON JOHN L [US]	H01M8/06; B01J19/00	HYDRODESULFURIZER RECYCLE APPLIED UPSTREAM OF PROCESSOR FEEDSTOCK PRESSURIZATION

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011033764 A1 20110210	US20090537483 20090807	FORD GLOBAL TECH LLC [US]	H01M2/02; H01M4/00; H01M8/00; H01M10/48	FUEL CELL SYSTEM WITH WETNESS SENSOR
US2011059382 A1 20110310	US20100945091 20101112; US20050285543 20051121	FORD GLOBAL TECH LLC [US]	H01M8/04	ANODE LOOP PRESSURE CONTROL IN PEM FUEL CELL SYSTEM
US2011014533 A1 20110120	US20090502250 20090714	FORD GLOBAL TECH LLC [US]	H01M8/04	METHOD AND SYSTEM FOR POWER CONTROL IN AN AUTOMOTIVE VEHICLE
US2011159403 A1 20110630	US20100715592 20100302	FORD GLOBAL TECH LLC [US]	H01M4/92; B01J21/18; B01J23/42; H01M4/02; H01M8/10	LAYERED CATALYST ASSEMBLY AND ELECTRODE ASSEMBLY EMPLOYING THE SAME
US2011159400 A1 20110630	US20100715549 20100302	FORD GLOBAL TECH LLC [US]	H01M4/92; B01J21/18; H01M4/02; H01M8/10	HYBRID CATALYST SYSTEM AND ELECTRODE ASSEMBLY EMPLOYING THE SAME
US2011143226 A1 20110616	US20100828399 20100701	FORD GLOBAL TECH LLC [US]	H01M8/22	METAL OXYGEN BATTERY CONTAINING OXYGEN STORAGE MATERIALS
US2011143228 A1 20110616	US20100828386 20100701	FORD GLOBAL TECH LLC [US]	H01M8/22	METAL OXYGEN BATTERY CONTAINING OXYGEN STORAGE MATERIALS
US2011143227 A1 20110616	US20100828380 20100701	FORD GLOBAL TECH LLC [US]	H01M8/22	METAL OXYGEN BATTERY CONTAINING OXYGEN STORAGE MATERIALS

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US2011027669 A1 20110203	US20090512675 20090730	FORD MOTOR CO [US]	H01M8/04	SYSTEM AND METHOD FOR HYDRATING A PROTON EXCHANGE MEMBRANE FUEL CELL
US2011014537 A1 20110120	US20090504038 20090716	FORD MOTOR CO [US]	H01M8/04	FUEL CELL
US2011008693 A1 20110113	US20090499413 20090708	FORD MOTOR CO [US]	H01M8/04; C01B3/02	HYDROGEN STORAGE MATERIALS CONTAINING AMMONIA BORANE
US2011008689 A1 20110113	US20090498461 20090707	FORD MOTOR CO [US]	H01M8/04; H01M8/18	SYSTEM AND METHOD FOR HUMIDIFYING A MASTER FUEL CELL STACK WITH A SLAVE FUEL CELL STACK
AT503854T T 20110415	DE20031009968 20030307; WO2004DE00198 20040206	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	C23C4/02; C23C4/18; H01M4/88; H01M8/12	METHOD FOR PRODUCING A LAYER SYSTEM COMPRISING A METALLIC CARRIER AND AN ANODE FUNCTIONAL LAYER

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WO2011060756 A1 20110526	EP20090400053 20091118	FORSCHUNGSZENTRUM JUELICH GMBH [DE]; PLANSEE SE [AT]; MUECKE ROBERT [DE]; MENZLER NORBERT H [DE]; BUCHKREMER HANS PETER [DE]; RUETTINGER MATTHIAS [AT]; BRANDNER MARCO [DE]; FRANCO THOMAS [DE]; VENSKUTONIS ANDREAS [AT]	H01M4/90; H01M4/86; H01M4/88; H01M8/12	ANODE FOR A HIGH-TEMPERATURE FUEL CELL AND PRODUCTION THEREOF
DE102009037147 A1 20110217	DE200910037147 20090806	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/02	CONTACT ELEMENT FOR ELECTRICAL CONNECTION OF E.G. RECHARGEABLE BATTERY, HAS PLATED-THROUGH HOLES ELECTRICALLY CONNECTING CONTACT LAYER WITH CONDUCTOR STRUCTURE AND PASSED THROUGH ONE OF LAYERS
DE102009037144 A1 20110217	DE200910037144 20090806	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/02	CONTACT ELEMENT FOR ELECTRICALLY CONTACTING E.G. LITHIUM ION ACCUMULATOR TO STORE CURRENT IN CELL AND TO DISCHARGE CURRENT FROM CELL, HAS LOW TEMPERATURE CO-FIRED CERAMIC LAYER FORMED ON SIDE OF TWO-DIMENSIONAL LATTICE STRUCTURE

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DE102009036628 A1 20110217	DE200910036628 20090807	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/02; H01M2/10	FUEL CELL STACK, HAS FUEL CELL THAT IS HELD BETWEEN END PLATES AS PRE-MOUNTED COMPONENT OVER FIXING ELEMENTS THAT CONNECT END PLATES, WHERE END PLATES ARE DESIGNED AS COOLING UNITS
DE102009031774 A1 20110105	DE200910031774 20090630	FRAUNHOFER GES FORSCHUNG [DE]	H01M8/12; H01M8/06	HOCHTEMPERATURBRENNSTOFFZELLEN SYSTEM
WO2011015261 A1 20110210	DE200910037148 20090806	FRAUNHOFER GES FORSCHUNG [DE]; HEDDRICH MARC [DE]; MARSCHALLEK FELIX [DE]; BECKERT WIELAND [DE]; PFEIFER THOMAS [DE]; STELTER MICHAEL [DE]; JAHN MATTHIAS [DE]; POENICKE ANDREAS [DE]; LORENZ CARSTEN [DE]; BELITZ RICO [DE]	H01M8/02; H01M8/04; H01M8/06	SOLID OXIDE FUEL CELL SYSTEM
WO2011015269 A1 20110210	DE200910037145 20090806	FRAUNHOFER GES FORSCHUNG [DE]; REUBER SEBASTIAN [DE]; SCHLEMMINGER CHRISTIAN [DE]; SCHNEIDER MAREIKE [DE]; PFEIFER THOMAS [DE]	H01M8/04	HIGH-TEMPERATURE FUEL CELL SYSTEM HAVING A START BURNER

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DE102009049084 B3 20110609	DE200910049084 20091007	FRAUNHOFER GES FORSCHUNG [DE]; UNIV BERLIN TECH [DE]	C25B1/04; H01M8/06	ELECTROCHEMICAL REACTOR USEFUL FOR POWER SUPPLY OF A SYSTEM, COMPRISES A GALVANIC CELL, WHICH HAS A METAL ANODE AND AN INERT CATHODE FOR OPERATION OF THE GALVANIC CELL AND AN AQUEOUS SOLUTION AS AN ELECTROLYTE, AND A FUEL CELL
EP2273162 A1 20110112	EP20090008802 20090706	FREUDENBERG CARL KG [DE]	F16J15/12; H01M2/14; H01M6/12; H01M8/02	SEALING FRAME FOR USE IN A BATTERY
US2011081601 A1 20110407	DE200810010152 20080220; WO2009EP01197 20090219	FREUDENBERG CARL KG [DE]	H01M8/10; H01M2/00; H01M2/16; H01M8/00	NONWOVEN FABRIC HAVING CROSS-LINKING MATERIAL
AT510312T T 20110615	DE200510022484 20050511; WO2006EP02927 20060331	FREUDENBERG CARL KG [DE]	H01M8/02; H01M4/86; H01M8/10	GASDIFFUSIONSSCHICHT, ANORDNUNG UND VERFAHREN ZUR HERSTELLUNG EINER GASDIFFUSIONSSCHICHT
WO2011059654 A1 20110519	US20090608175 20091029	FUELCELL ENERGY INC [US]; DICOSTANZO GLENN [US]; KELLEY DANA [US]; ERNST LOUIS [US]	H01M8/24; H01M2/08	FUEL CELL SYSTEM MANIFOLD SEAL
KR20110007843 A 20110125	KR20090065485 20090717	FUELCELL POWER INC [KR]	H01M8/04; F28C3/04; F28F1/02	FUEL CULL POWER GENERATION SYSTEM

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KR20110041336 A 20110421	KR20090098440 20091015	FUELCELL POWER INC [KR]	H01M8/04; H01M10/46; H02M3/00	ENERGY SUPPLY SYSTEM
KR20110022441 A 20110307	KR20090080038 20090827	FUELCELL POWER INC [KR]	H01M8/24; H01M8/02	FUEL CELL STACK AND SEPARATOR USED THEREOF
WO2011013914 A2 20110203	KR20090070975 20090731	FUELCELL POWER INC [KR]; SAMCHULLY CO LTD [KR]; KIM HO-SUK [KR]; CHO HYUNG-MOK [KR]; HONG BYUNG-SUN [KR]; SHINN MEE-NAM [KR]; HYUN CHEE WOONG [KR]; SUH JUNG CHUL [KR]; YUN KI SEOK [KR]; JUN SUN WOO [KR]	H01M8/04; B01D53/02; B01D53/48	ABSORPTION-TYPE DESULFURIZER
JP2011015569 A 20110120	JP20090158691 20090703	FUJI ELECTRIC HOLDINGS	H02M7/48; H01M8/04	FUEL CELL GENERATING DEVICE
JP2011098843 A 20110519	JP20090252649 20091104	FUJI ELECTRIC HOLDINGS	C01B31/04; B01J27/20; B01J37/12; C25B13/04; H01B1/06; H01M8/02	SOLID ACID AND METHOD FOR PRODUCING THE SAME
JP2011003477 A 20110106	JP20090147049 20090619	FUJI ELECTRIC HOLDINGS	H01M8/04; H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL



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JP2011001215 A 20110106	JP20090144817 20090618	FUJI ELECTRIC HOLDINGS	C01B3/38; H01M8/04; H01M8/06; H01M8/10	STOPPING METHOD OF REFORMER
JP2011081989 A 20110421	JP20090232397 20091006	FUJI ELECTRIC HOLDINGS	H01M8/04; G01F1/00; G01F15/10; H01M8/06	GAS FLOW RATE-MEASURING APPARATUS AND FUEL CELL POWER GENERATION SYSTEM USING THE SAME
JP2011073741 A 20110414	JP20090227569 20090930	FUJI ELECTRIC HOLDINGS	B65D85/64; B65D61/00; B65D81/02; F16F1/36; F16F3/08; F16F7/00; F16F15/08; H01M8/04	FUEL CELL TRANSPORTATION STRUCTURE AND FUEL CELL TRANSPORTING METHOD
JP2011037648 A 20110224	JP20090184169 20090807	FUJI ELECTRIC SYSTEMS CO LTD	C01B3/38; H01M8/06	FUEL REFORMING APPARATUS AND FUEL CELL POWER GENERATION SYSTEM
JP2011034842 A 20110217	JP20090180811 20090803	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR OPERATING THE FUEL CELL POWER GENERATION SYSTEM
JP2011014458 A 20110120	JP20090159143 20090703	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION SYSTEM
JP2011009099 A 20110113	JP20090152141 20090626	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/04	CONTROL METHOD OF FUEL CELL GENERATOR, AND FUEL CELL GENERATOR
JP2011082078 A 20110421	JP20090234744 20091009	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/02	SEALING METHOD OF FUEL CELL, SEALING STRUCTURE OF FUEL CELL, AND FUEL CELL

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JP2011103219 A 20110526	JP20090257594 20091111	FUJI ELECTRIC SYSTEMS CO LTD	H01M8/04; H01M8/08; H01M8/24	FUEL CELL
US2011097645 A1 20110428	GB20080013227 20080718; WO2009GB50702 20090619	FUJIFILM MFG EUROP BV [NL]	C08F20/10; B01D61/48; B05D3/06; B29C35/08; H01M8/10	PROCESS FOR PREPARING MEMBRANES
WO2011073641 A1 20110623	GB20090021951 20091216	FUJIFILM MFG EUROP BV [NL]; FUJIFILM IMAGING COLORANTS LTD [GB]; ANTHEUNIS HARRO [NL]; HESSING JACKO [NL]; VAN BERCHUM BASTIAAN [NL]	C08F220/60; B01J39/20; B01J41/14; C02F1/42; H01M8/10; H01M8/22	CURABLE COMPOSITIONS AND MEMBRANES
WO2011073639 A1 20110623	GB20090021949 20091216	FUJIFILM MFG EUROP BV [NL]; FUJIFILM IMAGING COLORANTS LTD [GB]; ANTHEUNIS HARRO [NL]; HESSING JACKO [NL]; VAN BERCHUM BASTIAAN [NL]	C08F220/58; B01J39/20; C02F1/42; H01M8/10; H01M8/22	CURABLE COMPOSITIONS AND MEMBRANES
WO2011027138 A1 20110310	GB20090015109 20090901	FUJIFILM MFG EUROP BV [NL]; FUJIFILM IMAGING COLORANTS LTD [GB]; VAN ENGELEN JOHANNES [NL]; BHIKHI VINODNARAIN [NL]	B01D69/02; B01D67/00; B01D69/12; B01D71/82; C08J5/22; H01M8/10	PROCESS FOR PREPARING COMPOSITE MEMBRANES

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JP2011040213 A 20110224	JP20090184951 20090807	FUJITSU LTD [JP]	H01M8/02	BIPOLAR PLATE FOR FUEL CELL
JP2011034800 A 20110217	JP20090179785 20090731	FUJITSU LTD [JP]	H01M8/06; H01M8/02; H01M8/04; H01M8/10	FUEL CELL
US2011097634 A1 20110428	US20110983969 20110104; JP20040235980 20040813; US20040022968 20041228	FUJITSU LTD [JP]	H01M8/06	FUEL CELL SYSTEM, ELECTRICAL APPARATUS AND METHOD FOR RECOVERING WATER FORMED IN FUEL CELL SYSTEM
US2011070525 A1 20110324	US20100944270 20101111; JP20050092794 20050328; US20060363942 20060301; US20050169143 20050629	FUJITSU LTD [JP]	H01M8/10	ELECTROLYTE COMPOSITION, SOLID ELECTROLYTE MEMBRANE, SOLID POLYMER FUEL CELL AND MANUFACTURING METHOD FOR SOLID ELECTROLYTE MEMBRANE
JP2011092940 A 20110512	JP20100289509 20101227	FURUKAWA ELECTRIC CO LTD	B01J23/44; B01J23/42; B01J23/46; B01J23/58; B01J23/62; B01J23/63; B01J23/644; B01J23/648; B01J23/652; B01J23/656; B01J23/89; B01J27/045; B01J27/057; B01J27/185; B01J27/22; B01J37/00; B01J37/02; B01J37/04; B01J37/16; B01J37/34; H01M4/90; H01M4/92; H01M8/10	CATHODE ELECTRODE CATALYST FOR FUEL CELL AND FUEL CELL USING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102011284 A 20110413	CN20101586645 20101209	GANSU HONGWEI CARBON NEW MATERIAL CO., LTD.	D06C7/04; D04H1/46; D06C15/00; H01M8/18	SPECIAL CARBON FELT PRODUCTION PROCESS FOR VANADIUM REDOX BATTERY (VRB) FOR ENERGY STORAGE
DE112005000819 B4 20110224	US20040824032 20040414; WO2005US02851 20050202	GEN MOTORS CORP [US]	B05D1/32; D21H19/66; D21H19/72; H01M4/86; H01M8/00; H01M8/10	PREPARATION OF PATTERNED DIFFUSION MEDIA
DE10393695 B4 20110120	US20020292407 20021112; WO2003US34252 20031029	GEN MOTORS CORP [US]	H01M8/02; H01M4/62; H01M4/66; H01M4/86; H01M4/90; H01M4/96; H01M8/00	CORROSION RESISTANT, ELECTRICALLY AND THERMALLY CONDUCTIVE COATING FOR MULTIPLE APPLICATIONS
EP2287949 A1 20110223	EP20090168237 20090820	GEN OPTICS CORP [TW]	H01M4/86; H01M8/10; H01M8/18	DIFFUSION LAYERS WITH A THIN PROTECTION LAYER AND A METHOD OF MAKING THE SAME
WO2011015723 A1 20110210	FR20090003737 20090730	GERKARO SCIENCES [FR]; BIENVENU GERARD [FR]	H01M8/06; C01B3/08; C25B5/00; H01M10/36; H01M14/00	METHOD FOR THE COGENERATION OF ELECTRICAL AND HYDROGEN POWER
US2011053046 A1 20110303	KR20090081190 20090831	GIL JAE HYOUNG [KR]; JANG JAE HYUK [KR]; MIN KYONG BOK [KR]; KIM SUNG HAN [KR]; LEE EON SOO [KR]	H01M8/10	STRUCTURE OF SOLID OXIDE FUEL CELL
US2011045373 A1 20110224	US20090543738 20090819	GILLET JAMES E [US]; ZAFRED PAOLO R [US]; RIGGLE MATTHEW W [US]; LITZINGER KEVIN P [US]	H01M8/18; H01M8/04	GENERATOR MODULE ARCHITECTURE FOR A LARGE SOLID OXIDE FUEL CELL POWER PLANT

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011020716 A1 20110127	US20060521078 20060913; US20050716592P 20050913	GINER ELECTROCHEMICAL SYSTEMS LLC [US]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM INCLUDING GAS RECYCLING AND PRESSURIZING ASSEMBLY
WO2011053676 A2 20110505	US20090275720P 20091030; US20090256868P 20091030	GLOBAL FRESH FOODS [US]; BELL LAURENCE D [US]	A23B4/16	SYSTEMS AND METHODS FOR MAINTAINING PERISHABLE FOODS
US2011045381 A1 20110224	US20090542900 20090818	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	HYDROCARBON PEM MEMBRANES WITH PERFLUOROSULFONIC ACID GROUPS FOR AUTOMOTIVE FUEL CELLS
US2011039167 A1 20110217	US20100910261 20101022; US20060478446 20060629	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/06	MEMBRANE HUMIDIFIER FOR A FUEL CELL
US2011039190 A1 20110217	US20090539060 20090811	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	CONTINUOUS POROUS FLOW DISTRIBUTORS FOR A FUEL CELL
CN101950807 A 20110119	US20090500886 20090710	GM GLOBAL TECH OPERATIONS INC [US]	H01M4/86; H01M4/88; H01M8/10	LOW-COST MANGANESE-STABILIZED AUSTENITIC STAINLESS STEEL ALLOYS, BIPOLAR PLATES COMPRISING THE ALLOYS, AND FUEL CELL SYSTEMS COMPRISING THE BIPOLAR PLATES
DE102010025799 A1 20110203	US20090498440 20090707	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02; H01R4/28	STACK HEIGHT TOLERANCE COMPENSATING BUSBAR STRUCTURE

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US2011014535 A1 20110120	US20090502961 20090714	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD TO IMPROVE RELIABILITY OF A FUEL CELL SYSTEM USING LOW PERFORMANCE CELL DETECTION AT LOW POWER OPERATION
US2011008702 A1 20110113	US20090500661 20090710	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	INSULATING LAYER FOR A FUEL CELL ASSEMBLY
US2011091781 A1 20110421	US20090580912 20091016	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; H01M8/18	AUTOMATED PROCEDURE FOR EXECUTING IN-SITU FUEL CELL STACK RECONDITIONING
US2011091780 A1 20110421	US20090580863 20091016	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00	IN-SITU FUEL CELL STACK RECONDITIONING
US2011091779 A1 20110421	US20090579610 20091015	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/02	PEM FUEL CELL STACK INLET WATER REGULATION SYSTEM
US2011053011 A1 20110303	US20090551600 20090901	GM GLOBAL TECH OPERATIONS INC [US]	H01M2/02; H01M8/04	PEM FUEL CELL STACK INLET WATER REGULATION SYSTEM
US2011053038 A1 20110303	US20090551284 20090831	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; C07D487/22	CO(II)TETRAMETHOXYPHENYLPORPHYRIN ADDITIVE TO PFSA PEMs FOR IMPROVED FUEL CELL DURABILITY
US2011054050 A1 20110303	US20090551272 20090831	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; C08J5/20	ION EXCHANGE MEMBRANE HAVING LAMELLAR MORPHOLOGY AND PROCESS OF MAKING THE SAME

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US2011053009 A1 20110303	US20090549896 20090828	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M2/08	CUSTOMIZED WATER VAPOR TRANSFER MEMBRANE LAYERED STRUCTURE
US2011053008 A1 20110303	US20090549889 20090828	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M2/08	WATER VAPOR TRANSFER MEMBRANE AND PAPER INTEGRATED ASSEMBLY
US2011053037 A1 20110303	US20090549885 20090828	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	BIFUNCTIONAL MEMBRANE FOR USE IN MEMBRANE ELECTRODE ASSEMBLIES WITH INTEGRATED WATER VAPOR TRANSFER ZONES
US2011053036 A1 20110303	US20090548350 20090826	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; C08G61/12; C08L63/00	POLYELECTROLYTE MEMBRANES MADE OF POLY(PERFLUOROCYCLOBUTANES) WITH PENDANT PERFLUOROSULFONIC ACID GROUPS AND BLENDS WITH POLY(VINYLDENE FLUORIDE)
US2011053035 A1 20110303	US20090548345 20090826	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	SODIUM STANNATE ADDITIVE TO IMPROVE THE DURABILITY OF PEMS FOR H2/AIR FUEL CELLS
US2011086284 A1 20110414	US20100704230 20100211; US20090249866P 20091008	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	METHOD TO REDUCE TIME UNTIL ACCEPTABLE DRIVE AWAY IN A FUEL CELL SYSTEM
US2011086283 A1 20110414	US20100703309 20100210; US20090249872P 20091008	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	CONTROL DETECTION METHOD TO ENABLE GAS COMPOSITION OBSERVING DURING FUEL CELL SYSTEM STARTUP

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011086286 A1 20110414	US20100687002 20100113; US20090250450P 20091009	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; G06F19/00; H01M8/04	METHOD TO PERFORM ADAPTIVE VOLTAGE SUPPRESSION OF A FUEL CELL STACK BASED ON STACK PARAMETERS
US2011086282 A1 20110414	US20090575651 20091008	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00	REMEDIAL START METHOD IN A FUEL CELL
DE102010045552 A1 20110414	US20090564344 20090922	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	CONDUCTIVE AND HYDROPHILIC BIPOLAR PLATE COATINGS AND METHOD OF MAKING THE SAME
DE102010027294 A1 20110414	US20090505557 20090720	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/02	CONDUCTIVE AND HYDROPHILIC SURFACE MODIFICATION OF FUEL CELL BIPOLAR PLATE
CN102005588 A 20110406	US20090549881 20090828	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/24	PERFLUOROCYCLOBUTANE BASED WATER VAPOR TRANSFER MEMBRANES
CN102005587 A 20110406	US20090549904 20090828	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/24	PERFLUOROCYCLOBUTANE BASED WATER VAPOR TRANSFER MEMBRANES WITH SIDE CHAIN PERFLUOROSULFONIC ACID MOIETIES
US2011076583 A1 20110331	US20090567842 20090928	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; H01M2/00	FUEL CELL WITH ANODE AND CATHODE PLATE TEMPERATURE DIFFERENCE
US2011076581 A1 20110331	US20090567438 20090925	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	STACK OPERATION METHOD AIMED AT CELL REVERSAL PREVENTION



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US2011076582 A1 20110331	US20090567381 20090925	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00; G06F19/00; H01M8/04	METHOD TO IMPROVE FUEL CELL SYSTEM PERFORMANCE USING CELL VOLTAGE PREDICTION OF FUEL CELL STACK
CN101994721 A 20110330	US20090539040 20090811	GM GLOBAL TECH OPERATIONS INC [US]	F04D29/42; F04D29/58; H01M8/04	SIMPLIFIED HOUSING FOR FUEL CELL COMPRESSOR
US2011070528 A1 20110324	US20090564339 20090922	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M2/00; H01M4/86	CARBON BASED BIPOLAR PLATE COATINGS FOR EFFECTIVE WATER MANAGEMENT
DE102010031903 A1 20110310	US20090510460 20090728	GM GLOBAL TECH OPERATIONS INC [US]	H01M4/88; H01M8/02	METHOD FOR CONTROLLING IONOMER AND PLATINUM DISTRIBUTION IN A FUEL CELL ELECTRODE
DE102010053626 A1 20110630	US20090636276 20091211	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	INJECTOR FLOW MEASUREMENT FOR FUEL CELL APPLICATIONS
US2011143254 A1 20110616	US20090637037 20091214	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; H01M4/64; H01M4/86; H01M4/88; H01M4/90	FUEL CELL WITH LAYERED ELECTRODE
US2011143256 A1 20110616	US20090636993 20091214	GM GLOBAL TECH OPERATIONS INC [US]	H01M4/92; H01M4/02; H01M4/88; H01M8/10	METHOD OF ENHANCING ELECTRODES
US2011143241 A1 20110616	US20090636343 20091211	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/00	FUEL CELL OPERATIONAL METHODS FOR OXYGEN DEPLETION AT SHUTDOWN

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US2011159405 A1 20110630	US20090650019 20091230	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	HYDROPHILIC POLYELECTROLYTE MEMBRANES CONTAINING POLY(VINYL ACETATE) AND POLY(VINYL ALCOHOL)
US2011159404 A1 20110630	US20090648720 20091229	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	POLYOLEFIN SUPPORT TO PREVENT DIELECTRIC BREAKDOWN IN PEMS
US2011143257 A1 20110616	US20100719642 20100308; US20090636993 20091214	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10; B01J21/00; B01J23/42; H01M4/88	METHOD OF ENHANCING ELECTRODES
US2011117463 A1 20110519	US20090619750 20091117	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M10/50	BATTERY TEMPERATURE CONTROL METHOD AND ASSEMBLY
US2011117472 A1 20110519	US20090551237 20091113	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/10	POLYMER DISPERSANT ADDITION TO FUEL CELL ELECTRODE INKS FOR IMPROVED MANUFACTURABILITY
DE102010047504 A1 20110512	US20090250450P 20091009; US20100687002 20100113	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04; H01M8/10	METHOD FOR MAINTAINING OUTPUT VOLTAGE OF FUEL CELLS IN FUEL CELL STACK AT/BELOW MAXIMUM VOLTAGE FOR VEHICLE, INVOLVES COUPLING AUXILIARY LOAD TO FUEL CELL STACK TO REDUCE FUEL CELL VOLTAGE IF MAXIMUM BATTERY CHARGE LIMIT IS REACHED
US2011104589 A1 20110505	US20110987433 20110110; US20050215394 20050830	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	HYBRID ELECTRICALLY CONDUCTIVE FLUID DISTRIBUTION SEPARATOR PLATE ASSEMBLY FOR FUEL CELLS

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DE102010047526 A1 20110505	US20090250429P 20091009; US20100721416 20100310	GM GLOBAL TECH OPERATIONS INC [US]	H01M8/04	ESTIMATION METHOD OF HYDROGEN AND NITROGEN CONCENTRATION FOR USE IN FUEL CELL SYSTEM, INVOLVES ESTIMATING AMOUNT OF HYDROGEN IN ANODE FLOW-FIELD AND PLUMBING VOLUME, AND CATHODE FLOW-FIELD VOLUME
WO2011008898 A2 20110120	US20090504791 20090717	GM GLOBAL TECH OPERATIONS INC [US]; LEV LEONID C [US]; PODORASHI DIMITRI A [DE]; LUKITSCH MICHAEL J [US]; MICHLER THORSTEN [DE]; XIAO XINGCHENG [US]	H01M8/04; F16K17/30; F17D1/04; H01M8/10	IMPROVED SEAL PERFORMANCE FOR HYDROGEN STORAGE AND SUPPLY SYSTEMS
CN102034993 A 20110427	CN20101551347 20101119	GRADUATE SCHOOL AT SHENZHEN, TSINGHUA UNIVERSITY	H01M8/02	FRAME FOR LIQUID FLOW BATTERY ELECTRODE
KR20110029707 A 20110323	KR20090087497 20090916	GS FUELCELL CO LTD [KR]	H01M8/24; H01M8/02	STACK FOR FUEL CELL
JP2011034696 A 20110217	JP20090177213 20090730	GS YUASA CORP	H01M8/04	DIRECT FUEL CELL SYSTEM AND STARTING METHOD OF THE SAME
JP2011023277 A 20110203	JP20090168825 20090717	GS YUASA CORP	H01M8/04	FUEL CELL SYSTEM AND CHARACTERISTIC RECOVERY METHOD OF THE FUEL CELL

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JP2011009226 A 20110113	JP20100162838 20100720	GS YUASA CORP	H01M4/88; B01J33/00; H01M4/86	COMPOSITE CATALYST, ITS MANUFACTURING METHOD, AND METHOD OF ELECTRODE FOR MANUFACTURING FUEL CELL USING THE COMPOSITE CATALYST
JP2011003322 A 20110106	JP20090143761 20090616	GS YUASA CORP	H01M8/04; H01M8/24	DIRECT TYPE FUEL CELL SYSTEM AND METHOD OF SHUTTING DOWN THE SAME
JP2011076739 A 20110414	JP20090224073 20090929	GS YUASA CORP	H01M4/96; H01M8/10	GAS DIFFUSION LAYER FOR SOLID POLYMER FUEL CELL, AND MANUFACTURING METHOD THEREOF
JP2011096600 A 20110512	JP20090252086 20091102	GS YUASA CORP	H01M8/04	FUEL CELL SYSTEM, AND OPERATION METHOD THEREOF
US2011014526 A1 20110120	US20100924073 20100920; US20060372553 20060309; US20050681920P 20050516	GUER TURGUT M [US]	H01M8/22	HIGH TEMPERATURE DIRECT COAL FUEL CELL
JP2011018614 A 20110127	JP20090163858 20090710	GUNZE KK	H01M8/02; H01M8/04	COMPOSITE SHEET FOR DIRECT- METHANOL FUEL CELL
JP2011076794 A 20110414	JP20090225254 20090929	GUNZE KK	H01M8/02; H01M8/10	COMPOSITE SHEET FOR DIRECT METHANOL TYPE FUEL CELL

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JP2011103180 A 20110526	JP20090256655 20091110	GUNZE KK	H01M8/02; H01M8/04	COMPOSITE SHEET FOR DIRECT METHANOL FUEL CELL
JP2011026592 A 20110210	DE19991019708 19990430	HAERING THOMAS	B01D61/24; C08G85/00; B01D61/02; B01D61/14; B01D61/36; B01D61/46; B01D69/06; B01D69/08; B01D71/30; B01D71/44; B01D71/52; B01D71/58; B01D71/66; B01D71/68; B01D71/80; B01D71/82; B01J47/12; C02F1/44; C08G65/48; C08G75/02; C08G75/12; C08G75/20; C08G75/23; C08	STEP-BY-STEP ALKYLATION OF POLYMERIC AMINE
US2011129754 A1 20110602	US20090629118 20091202	HALTINER JR KARL J [US]; VORDONIS JAMES S [US]	H01M8/10	STRUCTURE FOR FORMING A SOLID OXIDE FUEL CELL STACK
KR20110056719 A 20110531	KR20090113163 20091123	HAN JIN INDUSTRY AND CONSTRUCTION CO LTD [KR]	C02F1/461; C01B3/02; H01M8/06	A DISPERSION TYPE DESALTING PLANT
KR20110052922 A 20110519	KR20090109669 20091113	HANKOOK TIRE CO LTD [KR]	H01M8/02; C09D1/00; C09D129/04; C09D133/00	METHOD FOR PREPARING A HYDROPHILIC SEPARATE PLATE FOR A FUEL CELL AND A SEPARATE PLATE PREPARED THEREBY
JP2011078958 A 20110421	JP20090234618 20090914; JP20100039195 20100224	HAYASHI KAZUHIRO	C02F1/50; C02F1/46; H01M8/00	CLEANING APPARATUS

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WO2011076220 A1 20110630	DK20090070295 20091222	HEATGEAR PROFESSIONAL APS [DK]; MOELLER FREDERIK GUNDELACH [DK]; MOELLER HANS JESSEN [DK]	F17C1/00; F16J12/00; F23D14/18; H01M8/04	A FUEL CARTRIDGE AND A CATALYTIC HEATING SYSTEM
WO2011069948 A1 20110616	DE200910057130 20091208	HEINRICH HEINE UNI DUESSELDORF [DE]; BETTERMANN HANS [DE]; FISCHER PETER [DE]; REICHEL T ARNO [DE]; BUDER IRMGARD [DE]; PEINECKE VOLKER [DE]	H01M8/04; G01N21/69	METHOD FOR MONITORING AND/OR REGULATING FUEL CELLS
KR20110033347 A 20110331	KR20090090801 20090925	HESBON MACHINE LTD [KR]	H01M8/04; B60L11/18	COOLING WATER INJECTION DEVICE FOR FUEL CELL STACK
US2011003233 A1 20110106	US20100803213 20100621; US20090269054P 20090619; US20090273428P 20090804	HILLIARD DONALD BENNET [US]	H01M8/10; C25B9/00; H01M4/04; H01M8/00	SOLID OXIDE ELECTROLYTIC DEVICE
US2011123892 A1 20110526	US20110931421 20110131; US20070980242 20071029; US20030411938 20030410; US20020371891P 20020410	HILLIARD DONALD BENNET [US]	H01M8/04; B01D53/00; H01B5/00; H01M8/02; H01M8/24	SOLID OXIDE ELECTROLYTIC SYSTEM
US2011129750 A1 20110602	JP20090272635 20091130	HIRAYAMA TOMOHIRO [JP]; OTO KATSUYA [JP]	H01M8/04	DIRECT METHANOL FUEL CELL AND ELECTRONIC DEVICE

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JP2011015485 A 20110120	JP20090155362 20090630	HITACHI COMP PERIPHERALS CO; KDDI CORP	H02J7/00; H01M8/00; H01M8/04; H01M10/48; H02J7/34	ELECTRICAL POWER SYSTEM
JP2011014340 A 20110120	JP20090156632 20090701	HITACHI LTD [JP]	H01M8/02; H01M4/86; H01M8/10	POLYMER MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL USING THE SAME
JP2011014243 A 20110120	JP20090154531 20090630	HITACHI LTD [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2011014242 A 20110120	JP20090154529 20090630	HITACHI LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL
JP2011076818 A 20110414	JP20090225892 20090930	HITACHI LTD [JP]	H01M8/04; H01M8/00; H01M8/10	FUEL BATTERY POWER GENERATION SYSTEM AND METHOD FOR OPERATING THE SAME
JP2011076817 A 20110414	JP20090225889 20090930	HITACHI LTD [JP]	H01M8/02; H01M8/04; H01M8/10	FUEL BATTERY WITH WATER VAPOR EXCHANGE SECTION USING MEA
JP2011076816 A 20110414	JP20090225886 20090930	HITACHI LTD [JP]	H01M8/04	FUEL CELL SYSTEM
US2011076591 A1 20110331	JP20090225882 20090930	HITACHI LTD [JP]	H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL

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US2011076590 A1 20110331	JP20090225881 20090930	HITACHI LTD [JP]	H01M8/10; H01M8/02	BIPOLAR PLATE FOR FUEL CELL AND FUEL CELL
US2011053024 A1 20110303	JP20090199195 20090831	HITACHI LTD [JP]	H01M8/10	FUEL CELL USING ORGANIC FUEL
US2011123897 A1 20110526	JP20090268893 20091126	HITACHI LTD [JP]	H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME
JP2011020866 A 20110203	JP20090164798 20090713	HITACHI MAXELL [JP]	C01B3/00; C01B3/08; G01K1/14; G01K5/34; G01K11/06; G01K11/12; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
JP2011000566 A 20110106	JP20090147641 20090622	HITACHI MAXELL [JP]	B01D45/06; B01J7/02; C01B3/08; H01M8/06	GAS-LIQUID SEPARATOR, APPARATUS FOR PRODUCING HYDROGEN, AND FUEL CELL SYSTEM
JP2011079712 A 20110421	JP20090234327 20091008	HITACHI MAXELL [JP]	C01B3/08; C01B3/00; H01M8/06	HYDROGEN GENERATING SYSTEM AND FUEL CELL SYSTEM
JP2011090916 A 20110506	JP20090244035 20091023	HITACHI MAXELL [JP]	H01M4/90; H01M4/88; H01M4/92; H01M8/10	ANODE CATALYST FOR FUEL CELL, METHOD OF MANUFACTURING THE SAME, AND MEMBRANE ELECTRODE ASSEMBLY
JP2011009225 A 20110113	JP20100162726 20100720	HITACHI METALS LTD [JP]	H01M8/02	CELL FOR FUEL CELL AND ITS MANUFACTURING METHOD



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WO2011034002 A1 20110324	JP20090214525 20090916; JP20100145373 20100625	HITACHI METALS LTD [JP]; YASUDA NOBUTAKA [JP]; UEHARA TOSHIHIRO [JP]	C22C38/00; C22C38/50; H01M8/02; H01M8/12	STEEL FOR SOLID OXIDE FUEL CELL HAVING EXCELLENT OXIDATION RESISTANCE
KR20110029688 A 20110323	KR20090087475 20090916	HIZEN CO LTD [KR]	H01M8/04; H01M8/24	EQUIPMENT OF ACTIVATING STACK FOR FUEL CELL
KR20110029687 A 20110323	KR20090087474 20090916	HIZEN CO LTD [KR]	H01M8/04	HUMIDIFIER FOR FUEL CELL SYSTEM
US2011027689 A1 20110203	US20100799608 20100427; US20090215397P 20090504	HOLME TIMOTHY P [US]; PRINZ FRIEDRICH B [US]	H01M8/10; B01J23/06; C25B9/08	SILVER-COPPER-ZINC CATALYST FOR FUEL CELLS AND/OR ELECTROLYZERS
JP2011037686 A 20110224	JP20090188641 20090817	HONDA MOTOR CO LTD [JP]	C01B3/56; C01B3/38; H01M8/06	HYDROGEN TREATMENT SYSTEM
JP2011040259 A 20110224	JP20090185980 20090810	HONDA MOTOR CO LTD [JP]	H01M8/04; C01B3/38; H01M8/02; H01M8/06	HYDROTREATING SYSTEM
JP2011034916 A 20110217	JP20090182512 20090805	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06	FUEL GAS SUPPLY SYSTEM, AND METHOD OF CONTROLLING THE SAME
JP2011036101 A 20110217	JP20090182441 20090805	HONDA MOTOR CO LTD [JP]	H02J7/00; B60L11/18; H01M8/00; H01M8/04; H01M10/44; H02J7/34	POWER SUPPLYING SYSTEM

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JP2011034868 A 20110217	JP20090181389 20090804	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/04; H01M8/06	FUEL CELL
JP2011034837 A 20110217	JP20090180741 20090803	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06; H01M8/10	METHOD FOR STARTING FUEL CELL SYSTEM IN BELOW FREEZING POINT
JP2011032133 A 20110217	JP20090180252 20090803	HONDA MOTOR CO LTD [JP]	C01B3/38; H01M8/04	FUEL PRODUCTION DEVICE AND METHOD FOR STARTING THE SAME
JP2011029158 A 20110210	JP20090148843 20090623; JP20100121597 20100527	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011025156 A 20110210	JP20090173490 20090724	HONDA MOTOR CO LTD [JP]	B01D63/02; B01D53/22; H01M8/04	HOLLOW FIBER MEMBRANE MODULE FOR MOISTURE EXCHANGE
JP2011025155 A 20110210	JP20090173467 20090724	HONDA MOTOR CO LTD [JP]	B01D63/02; B01D53/22; B01D63/00; H01M8/04	HOLLOW FIBER MEMBRANE MODULE FOR MOISTURE EXCHANGE
JP2011025154 A 20110210	JP20090173450 20090724	HONDA MOTOR CO LTD [JP]	B01D63/02; B01D53/22; B01D63/00	HOLLOW FIBER MEMBRANE MODULE FOR MOISTURE EXCHANGE
JP2011028886 A 20110210	JP20090170995 20090722	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/02	FUEL CELL STACK

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JP2011028885 A 20110210	JP20090170993 20090722	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2011028884 A 20110210	JP20090170991 20090722	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2011021938 A 20110203	JP20090165694 20090714	HONDA MOTOR CO LTD [JP]	G01N31/00; C01B3/38; C01B3/48; G01N17/00	DEGRADATION DETERMINATION METHOD FOR REFORMING DEVICE AND REFORMING DEVICE
US2011033783 A1 20110210	US20100907673 20101019; JP20010378230 20011212; JP20020073785 20020318; US20040497540 20040610; WO2002JP11007 20021023	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/02	METAL SEPARATOR FOR FUEL CELL AND ITS PRODUCTION METHOD
JP2011014530 A 20110120	JP20090134577 20090604; JP20100102377 20100427	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/02	FUEL CELL STACK
JP2011018540 A 20110127	JP20090162046 20090708	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2011018539 A 20110127	JP20090162042 20090708	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/24	FUEL CELL

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JP2011016064 A 20110127	JP20090161715 20090708	HONDA MOTOR CO LTD [JP]	B01J19/24; C01B3/38; H01M8/04; H01M8/06	REACTION APPARATUS
JP2011012636 A 20110120	JP20090159112 20090703	HONDA MOTOR CO LTD [JP]	F04F5/46; F04F5/20; F04F5/48; H01M8/04	EJECTOR
JP2011015537 A 20110120	JP20090157764 20090702	HONDA MOTOR CO LTD [JP]	B60L3/04; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011014322 A 20110120	JP20090156289 20090630	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
JP2011014294 A 20110120	JP20090155576 20090630	HONDA MOTOR CO LTD [JP]	H01M8/04; F16K3/24; F16K31/124; G05D7/03	FUEL CELL SYSTEM
JP2011014252 A 20110120	JP20090154758 20090630	HONDA MOTOR CO LTD [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM
JP2011009174 A 20110113	JP20090154271 20090629	HONDA MOTOR CO LTD [JP]	H01M4/88; H01M4/86; H01M8/02; H01M8/12	METHOD OF MANUFACTURING ELECTROLYTE-ELECTRODE ASSEMBLY
JP2011009173 A 20110113	JP20090154270 20090629	HONDA MOTOR CO LTD [JP]	H01M4/88; H01M4/86; H01M8/02; H01M8/12	METHOD OF MANUFACTURING ELECTROLYTE-ELECTRODE ASSEMBLY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011009057 A 20110113	JP20090151152 20090625	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011009034 A 20110113	JP20090150671 20090625	HONDA MOTOR CO LTD [JP]	H01M8/04; B01J39/04; B01J41/04; B01J47/04; C02F1/42	ION EXCHANGER
JP2011100579 A 20110519	JP20090253303 20091104	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2011009033 A 20110113	JP20090150670 20090625	HONDA MOTOR CO LTD [JP]	H01M8/04; C02F1/42	ION EXCHANGER
JP2011003485 A 20110106	JP20090147285 20090622	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2011003387 A 20110106	JP20090145310 20090618	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM, AND RAW MATERIAL GAS FLOW RATE CONTROL METHOD FOR RAW MATERIAL GAS REACTOR
JP2011085309 A 20110428	JP20090238009 20091015	HONDA MOTOR CO LTD [JP]	F24F6/04	MODULE FOR HUMIDIFICATION
JP2011003348 A 20110106	JP20090144174 20090617	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/04; H01M8/24	FUEL CELL

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EP2287953 A1 20110223	JP20090191785 20090821	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
CN101964425 A 20110202	JP20090172001 20090723	HONDA MOTOR CO LTD [JP]	H01M8/10; H01M2/14; H01M8/02	FUEL BATTERY PILE
EP2270910 A1 20110105	JP20090158053 20090702	HONDA MOTOR CO LTD [JP]	H01M8/00; H01M8/04; H01M16/00	METHOD OF CONTROLLING FUEL CELL VEHICLE AND FUEL CELL SYSTEM
US2011027686 A1 20110203	JP20090179719 20090731	HONDA MOTOR CO LTD [JP]	H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID POLYMER ELECTROLYTE FUEL CELL AND SOLID POLYMER ELECTROLYTE FUEL CELL
AT494639T T 20110115	JP20030375577 20031105; WO2004JP16778 20041105	HONDA MOTOR CO LTD [JP]	H01M4/86; C04B35/488; H01M4/88; H01M8/02; H01M8/12	ELECTROLYTE-ELECTRODE JOINED ASSEMBLY AND METHOD FOR PRODUCING THE SAME
AT494616T T 20110115	JP20030037386 20030214	HONDA MOTOR CO LTD [JP]	C04B35/00; H01B1/08; C01B13/14; C01B33/20; C01G17/00; C04B35/16; H01B1/06; H01B1/12; H01M8/02; H01M8/12	OXIDE ION CONDUCTOR AND METHOD OF PRODUCING THE SAME
JP2011082040 A 20110421	JP20090233960 20091008	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/06; H01M8/10	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011079347 A 20110421	JP20090230705 20091002	HONDA MOTOR CO LTD [JP]	B60K8/00; B60K1/04; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011079346 A 20110421	JP20090230704 20091002	HONDA MOTOR CO LTD [JP]	B60K1/04; B60K8/00; B60L11/18; B62D25/20; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011076973 A 20110414	JP20090229534 20091001	HONDA MOTOR CO LTD [JP]	H01M8/02	FUEL CELL
JP2011075242 A 20110414	JP20090229532 20091001	HONDA MOTOR CO LTD [JP]	F24F6/04; F24F6/00; H01M8/00; H01M8/10	HUMIDIFYING MODULE
JP2011075241 A 20110414	JP20090229530 20091001	HONDA MOTOR CO LTD [JP]	F24F6/04; F24F6/00	HUMIDIFYING MODULE
JP2011078176 A 20110414	JP20090225194 20090929	HONDA MOTOR CO LTD [JP]	B60L11/18; H01M8/00; H01M8/04; H01M8/10	AIR INTAKE SYSTEM FOR FUEL CELL VEHICLE
JP2011078170 A 20110414	JP20090225075 20090929	HONDA MOTOR CO LTD [JP]	B60L11/18; B60K13/02; H01M8/00; H01M8/04	AIR INTAKE SYSTEM FOR FUEL CELL VEHICLE
JP2011072134 A 20110407	JP20090221394 20090925	HONDA MOTOR CO LTD [JP]	B60L11/18; H01M8/00; H01M8/04	INTAKE SYSTEM FOR FUEL CELL VEHICLE

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JP2011068233 A 20110407	JP20090220030 20090925	HONDA MOTOR CO LTD [JP]	B60K11/04; B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011068232 A 20110407	JP20090220029 20090925	HONDA MOTOR CO LTD [JP]	B60K11/04; B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011070822 A 20110407	JP20090219209 20090924	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/10	SOLID POLYMER TYPE FUEL CELL
JP2011070804 A 20110407	JP20090218892 20090924	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/00; H01M8/04	FUEL CELL STACK
JP2011070783 A 20110407	JP20090218464 20090924	HONDA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL STACK
JP2011091884 A 20110506	JP20090241241 20091020	HONDA MOTOR CO LTD [JP]	H02M3/155; H01M8/00; H01M8/04	POWER SUPPLY DEVICE
CN102005594 A 20110406	JP20090202470 20090902; JP20090205929 20090907	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/04	FUEL CELL STACK
US2011070513 A1 20110324	US20100954043 20101124; JP20060131387 20060510; US20070801720 20070510	HONDA MOTOR CO LTD [JP]	H01M8/04	CONTACTOR FAILURE DETECTING APPARATUS FOR FUEL CELL SYSTEM



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011070516 A1 20110324	JP20090218895 20090924	HONDA MOTOR CO LTD [JP]	H01M8/04	SOLID POLYMER ELECTROLYTE FUEL CELL
US2011064976 A1 20110317	JP20090213980 20090916	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M12/08	FUEL CELL VEHICLE AND METHOD OF CONTROLLING FUEL CELL AND STORAGE BATTERY PROVIDED IN THE FUEL CELL VEHICLE
AT501529T T 20110315	JP20050149361 20050523; WO2006JP10611 20060523	HONDA MOTOR CO LTD [JP]	H01M8/06; H01M8/04; H01M8/12; H01M8/24	PROTON CONDUCTING MEDIUMS FOR ELECTROCHEMICAL DEVICES AND ELECTROCHEMICAL DEVICES COMPRISING THE SAME
AT499715T T 20110315	JP20030419856 20031217; WO2004JP19272 20041216	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL CELL AND FUEL CELL STACK
AT500630T T 20110315	JP20020141038 20020516; JP20020141039 20020516; JP20020141040 20020516; WO2003JP05991 20030514	HONDA MOTOR CO LTD [JP]	H01M8/10; F01D15/10; F02C1/06; F02C6/00; F02C7/08; H01M8/04	POWER GENERATING SYSTEM
US2011053033 A1 20110303	JP20090202470 20090902; JP20090205939 20090907	HONDA MOTOR CO LTD [JP]	H01M8/24; H01M8/04	FUEL CELL STACK
US2011053031 A1 20110303	JP20090201860 20090901	HONDA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL
US2011053026 A1 20110303	JP20090194561 20090825	HONDA MOTOR CO LTD [JP]	H01M8/04	FUEL CELL SYSTEM

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JP2011101590 A 20110519	JP20110013534 20110126	HONDA MOTOR CO LTD [JP]	B60L3/00; B60L11/18; H01M8/00; H01M8/04	HYBRID POWER VEHICLE AND CONTROL METHOD AT DISCONNECTION ON FIRST POWER APPARATUS SIDE
JP2011103209 A 20110526	JP20090257340 20091110	HONDA MOTOR CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011098873 A 20110519	JP20090256434 20091109	HONDA MOTOR CO LTD [JP]	C01B3/38	FUEL CELL SYSTEM
JP2011098872 A 20110519	JP20090256433 20091109	HONDA MOTOR CO LTD [JP]	C01B3/56; C01B3/38; H01M8/00; H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM
JP2011100610 A 20110519	JP20090254227 20091105	HONDA MOTOR CO LTD [JP]	H01M8/04; C01B3/38; C01B3/48; C01B3/56; H01M8/06	HYDROGEN PROCESSING SYSTEM
JP2011091899 A 20110506	JP20090241566 20091020	HONDA MOTOR CO LTD [JP]	B60L3/00; B60L11/18; H01M8/00; H01M10/44; H02J7/02	ELECTRIC VEHICLE
US2011143251 A1 20110616	JP20090281632 20091211	HONDA MOTOR CO LTD [JP]	H01M8/24	FUEL CELL STACK
AT512472T T 20110615	JP20030419805 20031217; WO2004JP19268 20041216	HONDA MOTOR CO LTD [JP]	H01M8/02; H01M8/00; H01M8/04; H01M8/12; H01M8/24	FUEL CELL AND FUEL CELL STACK

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JP2011096428 A 20110512	JP20090247387 20091028	HONDA MOTOR CO LTD [JP]	H01M4/88	MANUFACTURING METHOD FOR GAS DIFFUSION LAYER OF FUEL CELL
JP2011096426 A 20110512	JP20090247381 20091028	HONDA MOTOR CO LTD [JP]	H01M8/02; B29C45/14	MANUFACTURING METHOD FOR SEPARATOR OF FUEL CELL, AND CONVEYING DEVICE
JP2011089749 A 20110506	JP20090245774 20091026	HONDA MOTOR CO LTD [JP]	F24F6/04; F24F6/00; H01M8/04	HUMIDIFIER
JP2011089491 A 20110506	JP20090244607 20091023	HONDA MOTOR CO LTD [JP]	F04F5/20; F04F5/46; H01M8/04	GAS INTRODUCTION STRUCTURE FOR FUEL CELL
JP2011090884 A 20110506	JP20090243494 20091022	HONDA MOTOR CO LTD [JP]	H01M8/02; C08G61/12; H01M8/10	MEMBRANE-ELECTRODE STRUCTURE FOR SOLID POLYMER FUEL CELL
US2011123898 A1 20110526	JP20090268490 20091126	HONDA MOTOR CO LTD [JP]	H01M8/10	FUEL CELL
WO2011055652 A1 20110512	JP20090255096 20091106	HONDA MOTOR CO LTD [JP]; HANDA KIYOSHI [JP]	B60K15/03; F17C1/12; F17C13/08; H01M8/00; H01M8/04; H01M8/10	GAS TANK

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WO2011010636 A1 20110127	JP20090173489 20090724	HONDA MOTOR CO LTD [JP]; KATAGIRI TOSHIKATSU [JP]; IKADA HIROMOTO [JP]; HIDAKA YOHEI [JP]	B01D63/02; B01D53/22; B01D63/00	HOLLOW-FIBER MEMBRANE MODULE FOR MOISTURE EXCHANGE
WO2011001930 A1 20110106	JP20090154267 20090629	HONDA MOTOR CO LTD [JP]; KOIZUMI ATSUSHI [JP]	H01M4/88; H01M4/86; H01M8/02; H01M8/12	METHOD FOR MANUFACTURING AN ELECTROLYTE/ELECTRODE ASSEMBLY
WO2011068003 A1 20110609	JP20090273332 20091201	HONDA MOTOR CO LTD [JP]; MIMATSU NAOYUKI [JP]; SONE TOSHIHIRO [JP]	B60L11/18; H01M8/04; H02J1/00; H02J7/00; H02M3/155	POWER SUPPLY APPARATUS ACTIVATING METHOD
WO2011030770 A1 20110317	JP20090207304 20090908	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; FUJISAWA KIMIKO [JP]; YOKOKAWA AYATOSHI [JP]	H01M8/24; H01M8/02	FUEL CELL
WO2011030769 A1 20110317	JP20090207305 20090908	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; FUJISAWA KIMIKO [JP]; YOKOKAWA AYATOSHI [JP]	H01M8/24; H01M8/02	FUEL CELL STACK
WO2011007676 A1 20110120	JP20090165823 20090714	HONDA MOTOR CO LTD [JP]; YOSHIMINE YUKI [JP]	H01M8/04	FUEL CELL SYSTEM
US2011003237 A1 20110106	US20100829082 20100701; US20090223324P 20090706	HONEYWELL INT INC [US]	H01M8/22; H01M8/02	SLIDEABLE CYLINDRICAL VALVE FOR FUEL CELL

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US2011003225 A1 20110106	US20100828077 20100630; US20090223316P 20090706	HONEYWELL INT INC [US]	H01M8/04; H01M8/22	RECHARGING VALVE FOR A FUEL CELL
US2011027668 A1 20110203	US20090511844 20090729	HONEYWELL INT INC [US]	H01M8/04; C01B3/02; C01B3/08; C10L5/00; H01M8/18	HYDROGEN GENERATION FROM CHEMICAL HYDRIDES
AT504952T T 20110415	US20040838046 20040503; WO2005US15335 20050503	HONEYWELL INT INC [US]	H01M8/04; B08B9/02; C11D3/00; C11D3/20; C11D11/00; C23C22/06; C23C22/60; C23G1/14; C23G1/24; F28G9/00	METHODS AND COMPOSITION FOR CLEANING AND PASSIVATING FUEL CELL SYSTEMS
EP2337136 A1 20110622	US20090285479P 20091210; US20100903833 20101013	HONEYWELL INT INC [US]	H01M8/04; H01M8/06	HYBRID POWER GENERATOR WITH FUEL CELL AND HYDROGEN GENERATOR
KR20110030996 A 20110324	KR20090088695 20090918	HONG SUNG KOOK [KR]	H01M8/04; H01M8/24	SIGNAL INPUT-OUTPUT DEVICE FOR STACK CELL OF FUEL CELL
KR20110038378 A 20110414	KR20090095643 20091008	HONGLIM PURE CELL CO LTD [KR]	H01M12/06; H01M8/02	AIR ELECTRODE FOR METAL FUEL CELL
KR20110031804 A 20110329	KR20090089211 20090921	HONGLIM PURE CELL CO LTD [KR]; SHUNG DONG SOO [KR]	H01M12/06; H01M2/36; H01M8/04	METAL FUEL CELL AND THE METAL FUEL UNIT USING IT

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JP2011023300 A 20110203	JP20090169244 20090717	HOSOKAWA MICRON KK	H01M4/86; H01M4/88	ELECTRODE CATALYST FOR FUEL CELL, AND MANUFACTURING METHOD THEREOF
US2011033769 A1 20110210	US20100695386 20100128; US20090232533P 20090810	HUANG KEVIN [US]; VORA SHAILESH D [US]; TARTIBI MEHRDAD [US]; VORTMEYER NICOLAS [DE]; LITZINGER KEVIN P [US]; LU CHUN [US]; SUESS MICHAEL JOSEF [DE]	H01M8/10; H01M4/02	ELECTRICAL STORAGE DEVICE INCLUDING OXIDE-ION BATTERY CELL BANK AND MODULE CONFIGURATIONS
CN101958423 A 20110126	CN20101293004 20100925	HUAWEI TECH CO LTD [CN]	H01M8/04; H01M8/06	HYDROGEN SUPPLY SYSTEM, SYSTEM AND METHOD FOR SUPPLYING HYDROGEN AND HYDROGEN FUEL CELL SYSTEM
WO2011029410 A1 20110317	CN20091176417 20090914	HUAWEI TECH CO LTD [CN]; CAI TENG YU [CN]; ZHANG JUN JIE [CN]; LI NAN HAI [CN]; WU HAI JUN [CN]; HE YA [CN]; LE BIN [CN]	H01M8/04	CONTROLLING METHOD AND CONTROLLER FOR FUEL CELL
WO2011021141 A1 20110224	ZA20090005685 20090817; ZA20090009200 20091223	HUMAN JAN PETRUS [ZA]	H01M8/06; H01M2/14; H01M8/08; H01M8/10; H01M8/20; H01M10/04; H01M12/00	FUEL CELL
KR20110005754 A 20110119	KR20090063271 20090711	HWANG SEONG JO [KR]	B66F9/075; B60K15/00; F17C13/02; H01M8/04	FUEL CELL POWERED FORKLIFT TRUCK

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KR20110003940 A 20110113	KR20090061464 20090707	HWANG SEONG JO [KR]	E02F9/20; B60L11/18; H01M8/04	FUEL CELL POWERED EXCAVATOR
US2011120138 A1 20110526	US20060912743 20060501; US20050676185P 20050429; WO2006US16475 20060501	HYCET LLC [US]	F02C6/18; C01B3/02; C01B31/00; H01M8/06	SYSTEM AND METHOD FOR CONVERSION OF HYDROCARBON MATERIALS
JP2011088811 A 20110506	JP20090218540 20090924; JP20100211685 20100922	HYDRO DEVICE CO LTD	C01B3/08; F02G1/055	METHOD FOR PRODUCING HYDROGEN GAS
ES2357407T T3 20110426	US20030482010P 20030625	HYDROGENICS CORP [CA]	H01M8/04	INTEGRACION DE ELECTRODO PASIVO EN UNA PILA DE COMBUSTIBLE.
JP2011037662 A 20110224	JP20090185885 20090810	HYOGO PREFECTURE	C03C10/04; C03B32/02; C03C3/095; H01M8/02; H01M8/12	METHOD FOR PRODUCING ION- CONDUCTING ORIENTED CERAMIC, AND FUEL CELL USING IONIC CONDUCTOR THEREOF
KR20110019608 A 20110228	KR20090077220 20090820	HYOSUNG CORP [KR]	H01M8/04	PREFERENTIAL OXIDATION REACTOR FOR FUEL CELL
KR20110016151 A 20110217	KR20090073714 20090811	HYOSUNG CORP [KR]	H01M8/04	CONTROLLING METHOD FOR REFORMER BURNER FOR FUEL CELL
KR20110044659 A 20110429	KR20090101456 20091023	HYOSUNG CORP [KR]	H01M8/04	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110044657 A 20110429	KR20090101453 20091023	HYOSUNG CORP [KR]	H01M8/12; H01M8/02	SUPPORTED FLAT-TUBULAR SOLID OXIDE FUEL CELL
KR20110043896 A 20110428	KR20090100628 20091022	HYOSUNG CORP [KR]	H01M8/04; H01M8/24	FUEL CELL SYSTEM
KR20110042646 A 20110427	KR20090099417 20091019	HYOSUNG CORP [KR]	H01M8/04; G01K7/02	TEMPERATURE CONTROL DEVICE OF SHIFT REACTOR, FUEL CELL SYSTEM INCLUDING THE SAME AND METHOD FOR TEMPERATURE CONTROL THEREOF
KR20110041674 A 20110422	KR20090098614 20091016	HYOSUNG CORP [KR]	H01M8/04; H01M8/24	ANODE-OFF GAS RECIRCULATION APPARATUS OF FUEL CELL STACK
KR20110041673 A 20110422	KR20090098613 20091016	HYOSUNG CORP [KR]	H01M8/02; C04B35/01; C04B35/64	METALLIC INTERCONNECT FOR FUEL CELL, AND METHOD FOR COATING THE SAME
KR20110037653 A 20110413	KR20090095184 20091007	HYOSUNG CORP [KR]	H01M8/04	TOUCHING STRUCTURE OF POWER TERMINALS OF FUEL CELL PCS
KR20110037228 A 20110413	KR20090094576 20091006	HYOSUNG CORP [KR]	H01M8/04	TEMPERATURE CONTROL DEVICE OF FUEL CELL AND METHOD FOR TEMPERATURE CONTROL THEREOF
KR20110032179 A 20110330	KR20090089550 20090922	HYOSUNG CORP [KR]	H01M8/04	COOLING APPARATUS FOR POWER CONDITIONING SYSTEM OF FUEL CELL SYSTEM



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110030027 A 20110323	KR20090087956 20090917	HYOSUNG CORP [KR]	H01M8/02	CURRENT COLLECTOR FOR FUEL CELL
KR20110023224 A 20110308	KR20090080936 20090831	HYOSUNG CORP [KR]	H01M8/04	WATER TRAP DEVICE OF FUEL CELL SYSTEM
KR20110072634 A 20110629	KR20090129648 20091223	HYOSUNG CORP [KR]	H01M8/04; G01C9/06	DIAGNOSIS METHOD TO EXAMINE STATE OF FUEL CELL AND DIAGNOSIS APPARATUS THEREOF
KR20110068011 A 20110622	KR20090124830 20091215	HYOSUNG CORP [KR]	G01M99/00; H01M8/00	APPARATUS FOR TESTING WATER TRAP
KR20110067999 A 20110622	KR20090124811 20091215	HYOSUNG CORP [KR]	H01M8/04	A PREVENTIVE APPARATUS FOR FREEZING OF FUELCELL SYSTEM
KR20110067993 A 20110622	KR20090124804 20091215	HYOSUNG CORP [KR]	H01M8/04; G06F17/00	APPARATUS FOR CONTROLLING FUEL CELL SYSTEM
KR20110062042 A 20110610	KR20090118617 20091202	HYOSUNG CORP [KR]	H01M8/04	FUEL CELL SYSTEM
KR20110055153 A 20110525	KR20090112057 20091119	HYOSUNG CORP [KR]	H01M8/04	FUEL CELL SYSTEM

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KR20110051687 A 20110518	KR20090108402 20091111	HYOSUNG CORP [KR]	H01M8/04; C10K3/04	TEMPERATURE CONTROL METHOD FOR SHIFT CONVERTER OF FUEL PROCESSOR OF FUEL CELL SYSTEM
KR20110051054 A 20110517	KR20090107704 20091109	HYOSUNG CORP [KR]	H01M8/04; H01M8/10	FUEL CELL SYSTEM OF POLYMER ELECTROLYTE MEMBRANE
KR20110050026 A 20110513	KR20090106839 20091106	HYOSUNG CORP [KR]	G01R19/165; H01M8/04	CELL VOLTAGE MEASUREMENT DEVICE FOR FUEL CELL STACK
KR20110050020 A 20110513	KR20090106832 20091106	HYOSUNG CORP [KR]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
KR20110050005 A 20110513	KR20090106813 20091106	HYOSUNG CORP [KR]	H01M8/04	TEMPERATURE AND HUMIDITY CONTROL APPARATUS OF FUEL GAS FOR FUEL CELL STACK AND METHOD THEREOF
KR20110049276 A 20110512	KR20090106221 20091104	HYOSUNG CORP [KR]	H01M8/04	PROCESS METHOD OF FUEL CELL SYSTEM
KR20110013054 A 20110209	KR20090071018 20090731	HYUNDAI HYSCO [KR]	H01M8/02; H01M8/24	METAL SEPARATOR FOR FUEL CELL INCLUDING CONVEX COOLANT GUIDELINE AND FUEL CELL STACK HAVING THE SAME
KR20110039922 A 20110420	KR20090096980 20091012	HYUNDAI HYSCO [KR]	H01M8/24; H01M8/02	FUEL CELL STACK HAVING CURRENT COLLECTOR WITH COOLANT FLOW

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KR20110039921 A 20110420	KR20090096979 20091012	HYUNDAI HYSCO [KR]	H01M8/24; H01M8/02	FUEL CELL STACK HAVING PROTRUDE TYPE CURRENT COLLECTOR
WO2011021881 A2 20110224	KR20090077832 20090821	HYUNDAI HYSCO [KR]; JEON YOO-TAEK [KR]; KIM KI-JUNG [KR]	H01M8/02; H01M8/04	METAL SEPARATOR PLATE FOR FUEL CELL HAVING COATING FILM FORMED ON SURFACE AND METHOD FOR PRODUCING SAME
WO2011013869 A1 20110203	KR20090071021 20090731	HYUNDAI HYSCO [KR]; JEON YOO-TAEK [KR]; KIM KI-JUNG [KR]; JEONG YEON-SOO [KR]	H01M8/02; B29C45/00; H01M8/04	GASKET FOR METAL SEPARATOR, HAVING DUAL STRUCTURE
KR20110019274 A 20110225	KR20090076925 20090819	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	HYDROGEN PURGING DEVICE AND METHOD FOR FUEL CELL SYSTEM
KR20110017591 A 20110222	KR20090075131 20090814	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	WATER DRAIN DEVICE FOR EXHAUST MANIFOLD OF FUEL CELL SYSTEM
KR20110012124 A 20110209	KR20090069694 20090729	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	AIR VENTILATION SYSTEM FOR FUEL CELL STACK
KR20110010468 A 20110201	KR20090068045 20090724	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	PURGING METHOD FOR FUEL CELL SYSTEM
KR20110010454 A 20110201	KR20090068030 20090724	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	PURGING METHOD FOR FUEL CELL SYSTEM

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KR20110006527 A 20110120	KR20090064203 20090714	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18; H01M8/24	COLD START METHOD OF FUEL CELL VEHICLE
KR20110005579 A 20110118	KR20090063209 20090710	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18	APPARATUS AND METHOD FOR PREVENTING VALVE OF FUEL CELL VEHICLE FROM ICING
KR20110004969 A 20110117	KR20090062417 20090709	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; H01M8/04	FUEL CELL STACK HAVING ENCLOSURE
KR20110044476 A 20110429	KR20090101167 20091023	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	COLD STARTING DEVICE AND METHOD FOR FUEL CELL
KR20110036448 A 20110407	KR20090094117 20091001	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	METHOD FOR AIR FLOW CONTROLLING OF FUEL CELL AND APPARATUS THEREOF
KR20110033739 A 20110331	KR20090091348 20090925	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL SYSTEM HAVING IMPROVED HUMIDIFICATION PERFORMANCE AND DRIVING TEMPERATURE
KR20110032666 A 20110330	KR20090090271 20090923	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	METHOD FOR CONTROLLING FUEL CELL SYSTEM
KR20110032661 A 20110330	KR20090090266 20090923	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; H01M8/02	FUEL CELL STACK FOR VEHICLE

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KR20110029512 A 20110323	KR20090087214 20090915	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL SUPPLY METHOD OF FUEL CELL SYSTEM
KR20110028159 A 20110317	KR20090086124 20090911	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL SHUTDOWN METHOD
KR20110023598 A 20110308	KR20090081575 20090831	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL MANAGEMENT METHOD
KR20110020666 A 20110303	KR20090078393 20090824	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; B60L11/18	FUEL CELL STACK FOR VEHICLE
US2011048837 A1 20110303	KR20090081178 20090831	HYUNDAI MOTOR CO LTD [KR]	B60K13/04; H01M8/04	HYDROGEN EXHAUST SYSTEM FOR FUEL CELL VEHICLE
US2011053012 A1 20110303	KR20090079483 20090826	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL SYSTEM WITH IMPROVED HUMIDIFICATION PERFORMANCE
KR20110062627 A 20110610	KR20090119406 20091203	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	APPARATUS FOR COLD STARTING CONTROL OF FUEL CELL SYSTEM AND METHOD THEREOF
KR20110062348 A 20110610	KR20090119046 20091203	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; H01M8/02	CONNECTING STRUCTURE FOR STACK OF FUEL CELL

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KR20110062347 A 20110610	KR20090119045 20091203	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; G01R31/36; H01M8/24	CELL VOLTAGE MONITORING STRUCTURE OF FUEL CELL STACK
KR20110062136 A 20110610	KR20090118728 20091202	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18; G01R31/36	SYSTEM AND METHOD DIAGNOSIS FOR FUEL CELL VEHICLE
KR20110062111 A 20110610	KR20090118700 20091202	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18	AIR FILTER EXCHANGE CYCLE NOTIFY METHOD IN FUEL CELL VEHICLE
KR20110062012 A 20110610	KR20090118579 20091202	HYUNDAI MOTOR CO LTD [KR]	F16K17/04; B60L11/18; H01M8/04	PRESSURE RELIEF VALVE
KR20110062011 A 20110610	KR20090118578 20091202	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60H3/02; F24F3/14	FUEL CELL HUMIDIFIER WITH AIR CUTOFF VALVE
KR20110061683 A 20110610	KR20090118157 20091202	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; G01R31/36	APPARATUS AND METHOD FOR REMOVING WATER OF FUEL CELL
KR20110061388 A 20110609	KR20090118012 20091201	HYUNDAI MOTOR CO LTD [KR]	H01M8/02; H01M4/88	STRUCTURE OF MEMBRANE ELECTRODE ASSEMBLY AND GAS DIFFUSION LAYER FOR FUEL CELL AND BONDING METHOD THEREOF
KR20110060079 A 20110608	KR20090116559 20091130	HYUNDAI MOTOR CO LTD [KR]	H01M2/02; H01M8/24	ENCLOSURE FOR FUEL CELL STACK

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KR20110060035 A 20110608	KR20090116503 20091130	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	METHOD FOR ACCELERATING ACTIVATION OF FUEL CELL
KR20110059381 A 20110602	KR20090116096 20091127	HYUNDAI MOTOR CO LTD [KR]	H01M8/24; B60L11/18; H01M8/02	FUEL CELL STACK FOR VEHICLE AND SEPARATOR
KR20110059030 A 20110602	KR20090115627 20091127	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL COLD STARTING DEVICE AND METHOD
KR20110058952 A 20110602	KR20090115514 20091127	HYUNDAI MOTOR CO LTD [KR]	F16K17/04; F16K37/00; H01M8/04	PRESSURE RELIEF VALVE
KR20110058600 A 20110601	KR20090115450 20091126	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18; H01M8/24	STACK SAFETY CONTROL APPARATUS AND METHOD FOR FUEL CELL VEHICLE
KR20110057715 A 20110601	KR20090114228 20091124	HYUNDAI MOTOR CO LTD [KR]	B60R21/01; H01M8/04	ELECTRIC PROTECTION SYSTEM OF FUEL CELL
KR20110056854 A 20110531	KR20090113342 20091123	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; H01M8/24	FUEL CELL STACK COOLING SYSTEM
KR20110056599 A 20110531	KR20090112991 20091123	HYUNDAI MOTOR CO LTD [KR]	F16K31/52; H01M8/04	VALVE FOR PREVENTING CARBON CORROSION OF FUEL CELL

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KR20110056598 A 20110531	KR20090112990 20091123	HYUNDAI MOTOR CO LTD [KR]	F01P3/12; B60L11/18; H01M8/04	COOLING MODULE FOR FUEL CELL VEHICLE
KR20110054966 A 20110525	KR20090111801 20091119	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; F16K1/18	VALVE MECHANISM FOR FUEL CELL SYSTEM
KR20110053855 A 20110524	KR20090110543 20091116	HYUNDAI MOTOR CO LTD [KR]	H01M8/04; B60L11/18; G01R31/36	METHOD FOR DETECTING ICE BLOCKING OF FUEL CELL STACK AND METHOD FOR CONTROLLING FUEL CELL ELECTRIC VEHICLE USING THE SAME
KR20110051854 A 20110518	KR20090108642 20091111	HYUNDAI MOTOR CO LTD [KR]	H01M4/86; H01M8/02	MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL
KR20110051833 A 20110518	KR20090108616 20091111	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL SYSTEM THAT IS PROVIDED WITH WATER TRAP
KR20110050860 A 20110517	KR20090107413 20091109	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	INTAKE AIR HUMIDIFIER FOR FUEL CELL SYSTEM
US2011136028 A1 20110609	KR20090120086 20091204	HYUNDAI MOTOR CO LTD [KR]	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD OF THE SAME
US2011136039 A1 20110609	KR20090119364 20091203	HYUNDAI MOTOR CO LTD [KR]	H01M8/10; B32B37/02; B32B38/10	MEMBRANE ELECTRODE ASSEMBLY AND METHODS FOR MAKING SAME



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DE102010028242 A1 20110601	KR20090116575 20091130	HYUNDAI MOTOR CO LTD [KR]	H01M4/88; H01M4/92; H01M8/02	ELEKTRODE FÜR EINE POLYMER-ELEKTROLYT-MEMBRAN-BRENNSTOFFZELLE UND VERFAHREN ZUM BILDEN EINER MEMBRAN-ELEKTRODEN-ANORDNUNG UNTER VERWENDUNG DERSELBEN
KR20110063176 A 20110610	KR20090120131 20091204	HYUNDAI MOTOR CO LTD [KR]; DONGJIN SEMICHEM CO LTD [KR]	H01M8/10; H01M4/86	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL
US2011070515 A1 20110324	KR20090089395 20090922	HYUNDAI MOTOR CO LTD [KR]; IUCF HYU [KR]	H01M8/04	METHOD FOR CONTROLLING OPERATION OF FUEL CELL AT LOW TEMPERATURE
KR20110015924 A 20110217	KR20090073378 20090810	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02; B29C45/00; H01M8/04	SEPARATION PLATE HAVING INJECTION MOLDING GASKET
KR20110013963 A 20110210	KR20090071681 20090804	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02	SEPARATION PLATE FOR FUEL CELL
KR20110012837 A 20110209	KR20090070722 20090731	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; B60L11/18	SYSTEM AND METHOD FOR PREVENTING HEATER OF FUEL CELL VEHICLE FROM OVERHEATING
JP2011069487 A 20110407	KR20090092062 20090928	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	F16L55/00; F16B37/00; F16B37/04; F16L11/08	SENSOR PORT INSERT TYPE SILICON HOSE AND METHOD FOR MANUFACTURING THE SAME

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US2011097637 A1 20110428	KR20090115435 20091126	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	PURGE SYSTEM FOR FUEL CELL WITH IMPROVED COLD START PERFORMANCE
US2011129753 A1 20110602	KR20090118221 20091202; KR20090118228 20091202	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	COOLANT DEMINERALIZER FOR A FUEL CELL VEHICLE
US2011129740 A1 20110602	KR20090116435 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	MEMBRANE HUMIDIFIER FOR FUEL CELL
US2011127683 A1 20110602	KR20090116517 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	B01F3/04; H01M8/04	HUMIDIFIER FOR FUEL CELL
US2011053025 A1 20110303	KR20090081163 20090831	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	COOLING SYSTEM FOR FUEL CELL VEHICLE
KR20110062366 A 20110610	KR20090119069 20091203	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; H01M8/24	STACK CONNECTING DEVICE FOR FUEL CELL
KR20110062360 A 20110610	KR20090119062 20091203	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02	FUEL CELL UNIT HAVING MESH
KR20110062130 A 20110610	KR20090118722 20091202	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; G01R31/36; H01M8/24	FUEL CELL STACK DIAGNOSIS SYSTEM AND METHOD THEREOF

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KR20110061269 A 20110609	KR20090117868 20091201	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02; H01M8/24	SEPARATOR FOR FUEL CELL STACK
KR20110060590 A 20110608	KR20090117212 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/06; B01J27/138; B60L11/18; C01B3/02	PREPARING METHOD OF HYDROGEN GENERATION-STORAGE USING CHEMICAL HYDRIDE AND SYSTEM FOR HYDROGEN GENERATION-STORAGE
KR20110060066 A 20110608	KR20090116539 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; B60L11/18; F01P3/00	METHOD FOR CONTROLLING COOLING SYSTEM OF VEHICLE
KR20110059032 A 20110602	KR20090115630 20091127	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; H01M8/24	DEVICE AND METHOD FOR ADJUSTING JOINTING PRESSURE FUEL CELL STACK
KR20110059029 A 20110602	KR20090115625 20091127	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02; H01M8/24	SEPARATER FOR FUEL CELL STACK
KR20110058970 A 20110602	KR20090115536 20091127	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	MATERIAL ACCUMULATOR FOR FUEL CELL AND CONTROL METHOD FOR IT
KR20110058457 A 20110601	KR20090115265 20091126	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; G01N23/083	PINHOLE DETECTION SYSTEM OF FUEL CELL
KR20110058454 A 20110601	KR20090115262 20091126	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; B60L11/18	COOLING SYSTEM FOR FUEL CELL VEHICLE

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KR20110054962 A 20110525	KR20090111795 20091119	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	MEMBRANE HUMIDIFIER FOR FUEL CELL
KR20110054604 A 20110525	KR20090111319 20091118	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/24; H01M8/04	DEVICE FOR JOINTING FUEL CELL STACK
KR20110053854 A 20110524	KR20090110542 20091116	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	B60L11/18; H01M8/04	FUEL CELL ELECTRIC VEHICLE WITH IMPROVED VIBRATION ISOLATION OF FUEL CELL MODULE
KR20110051829 A 20110518	KR20090108612 20091111	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04; B60K11/00; B60L11/18	COLLING APPARATUS FOR FUEL CELL VEHICLE
US2011123882 A1 20110526	KR20090114423 20091125	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/04	SURFACE PRESSURE CONTROLLING DEVICE FOR FUEL CELL STACK
KR20110059990 A 20110608	KR20090116452 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]; DAEWON KANG UP CO LTD [KR]	H01M8/02; H01M8/04; H01M8/24	MANUFACTURING METHOD OF END PLATE FOR FUEL CELL STACK
KR20110059982 A 20110608	KR20090116441 20091130	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]; DAEWON KANG UP CO LTD [KR]	H01M8/02; H01M8/24	END PLATE FOR FUEL CELL STACK
KR20110027977 A 20110317	KR20090085849 20090911	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]; SNU R&DB FOUNDATION [KR]	H01M8/04	HUMIDIFICATION SYSTEM FOR FUEL CELL

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KR20110060113 A 20110608	KR20090116606 20091130	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/10	SEPARATION PLATE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20110040487 A 20110420	KR20090097774 20091014	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]; KIA MOTORS CORP [KR]	H01M8/24; H01M8/02	JOINT DEVICE AND FUEL CELL STACK THEREWITH
KR20110000157 A 20110103	KR20090057542 20090626	HYUNDAI MOTOR CO LTD [KR]; KOREA AUTOMOTIVE TECH INST [KR]	H01M8/04; G01N3/10	SYSTEM AND METHOD FOR TESTING ELECTROLYTE MEMBRANE OF FUEL CELL
US2011045365 A1 20110224	US20090544816 20090820	HYUNDAI MOTOR CO LTD [KR]; PENN STATE RES FOUND [US]	H01M8/04	METHOD FOR REMOVING RESIDUAL WATER FROM FUEL CELL
KR20110058455 A 20110601	KR20090115263 20091126	HYUNDAI MOTOR CO LTD [KR]; UNIV YONSEI IACF [KR]	H01M8/04; H01M8/02	VISIBLE DEVICE FOR FUEL CELL
KR20110062257 A 20110610	KR20090118923 20091203	HYUNDAI MOTOR CO LTD [KR]; WOOSHIN IND CO LTD [KR]; KIA MOTORS CORP [KR]	H01M8/02; H01M8/04	METHOD FOR MANUFACTURING MANIFOLD FOR FUEL CELL AND MANIFOLD MANUFACTURED THEREBY
KR20110001665 A 20110106	KR20090059302 20090630	HYUPJIN I & C CO LTD [KR]	H01M4/96; H01M4/88; H01M8/02	GAS DIFFUSION ELECTRODE FOR FUEL CELL, FUEL CELL EMPLOYING GAS DIFFUSION ELECTRODE, AND METHODE FOR PREPARING GAS DIFFUSION ELECTRODE FOR FUEL CELL

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US2011129745 A1 20110602	US20090629348 20091202	IDATECH LLC [US]	H01M8/00; H01M8/04	FUEL CELL SYSTEMS AND METHODS FOR PROVIDING POWER AND COOLING TO AN ENERGY-CONSUMING DEVICE
US2011076574 A1 20110331	US20100959657 20101203; US20050316488 20051221; US20020304786 20021125; US20000626311 20000726; US19990145900P 19990727	IDATECH LLC [US]	H01M8/04; H01M8/06	FUEL CELL SYSTEM CONTROLLER
US2011053006 A1 20110303	US20100941308 20101108; US20080202969 20080902; US20070001838 20071212	IDATECH LLC [US]	H01M8/06; B01D53/047; B01J19/00	SYSTEMS AND METHODS FOR SUPPLYING AUXILIARY FUEL STREAMS DURING INTERMITTENT BYPRODUCT DISCHARGE FROM PRESSURE SWING ADSORPTION ASSEMBLIES
US2011136027 A1 20110609	US201113027584 20110215; US20090546579 20090824; US20100307750P 20100224; US20080092038P 20080826; US20080110693P 20081103	IDATECH LLC [US]	C01B3/02; B01J8/04; H01M8/06	FUEL PROCESSING SYSTEMS WITH THERMALLY INTEGRATED COMPONENTRY
WO2011077474 A1 20110630	WO2009JP07050 20091221	IHI CORP [JP]; IHI METALTECH CO LTD [JP]; TAZOE NOBUHIRO [JP]	H01M8/02; B21D13/04; H01M8/10	METHOD AND DEVICE FOR MANUFACTURING SEPARATOR FOR POLYMER ELECTROLYTE FUEL CELL
JP2011089754 A 20110506	JP20090245853 20091026	IHI CORP [JP]; OLYMPIA KOGYO KK	F23D14/66; C01B3/38; H01M8/06	MIX BURNER DEVICE OF LIQUID FUEL AND LOW CALORIE FUEL
JP2011094433 A 20110512	JP20090251539 20091031	IHI TRANSP MACHINERY CO LTD	E04H6/42; B60K1/04; B60L11/18; H01M10/44; H01M10/46; H02J7/00	PARKING DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
EP2309580 A1 20110413	ES20090030826 20091009	IKERLAN S COOP [ES]	H01M8/12; H01M8/02; H01M8/24	SOLID OXIDE FUEL STACK
AT512473T T 20110615	ES20050002329 20050927	IKERLAN S COOP [ES]	H01M8/02; H01M8/12; H01M8/24	SOLID-OXIDE FUEL CELL WITH FERRITIC SUPPORT
WO2011008377 A1 20110120	US20090225030P 20090713; US20100776298 20100507	ILLINOIS TOOL WORKS [US]; ALBRECHT BRUCE PATRICK [US]	B23K9/10; H01M8/00	HYBRID WELDING SYSTEMS AND DEVICES COMPRISING A FUEL CELL AND AN ENERGY STORAGE DEVICE
KR20110065117 A 20110615	KR20090121981 20091209	IN TECH FACTORY AUTOMATION CO LTD [KR]	H01M8/04; H02M3/00	DC-DC CONVERTER APPARATUS FOR FUEL CELL
KR20110000279 A 20110103	KR20090057705 20090626	IND ACADEMIC COOP [KR]	C02F3/34; C02F3/28; C02F11/04; H01M8/16	MULTIPLE ENERGY RECOVERY AND CARBON CONTROL (MERCC) IN WASTEWATER TREATMENT PROCESS
US2011033773 A1 20110210	TW20090126173 20090804	IND TECH RES INST [TW]	H01M8/10; B01J41/12; B05D5/12	MODIFIED HYPER-BRANCHED POLYMER AND PROTON EXCHANGE MEMBRANE APPLIED WITH THE SAME, AND METHOD FOR MANUFACTURING THE PROTON EXCHANGE MEMBRANE
US2011159407 A1 20110630	TW20090144679 20091224	IND TECH RES INST [TW]	H01M8/02	FUEL CELL FLUID FLOW FIELD PLATE AND METHOD FOR FORMING THE SAME

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EP2337131 A1 20110622	US20090267387P 20091207; TW20100107216 20100312	IND TECH RES INST [TW]	H01M8/02; H01M8/24	TWO-SIDED FLUID FLOW PLATE ASSEMBLY HAVING PARALLEL FLOW CHANNELS
US2011143240 A1 20110616	US20100847643 20100730; TW20100113137 20100426; US20090285467P 20091210	IND TECH RES INST [TW]	H01M8/06; B01J8/00; C01B3/02; C01B3/08	HYDROGEN GENERATION SYSTEM, METHOD FOR GENERATING HYDROGEN USING SOLID HYDROGEN FUEL AND METHOD FOR PROVIDING HYDROGEN FOR FUEL CELL USING THE SAME
US2011143235 A1 20110616	TW20090142790 20091214	IND TECH RES INST [TW]	H01M8/06	POWER SUPPLY DEVICE
US2011123906 A1 20110526	TW20090139650 20091120	IND TECH RES INST [TW]	H01M4/66; H01M4/04; H01M8/02	METHOD FOR FABRICATING BI-POLAR PLATE OF FUEL CELL AND BI-POLAR PLATE OF FUEL CELL
CN101997125 A 20110330	CN20091162628 20090814	INDUSTRY TECHNOLOGY RESEARCH INSTITUTE	H01M8/02; C08G73/12; C08J3/24; C08J5/22; C08L27/22; C08L79/08; H01M2/16; H01M8/10	MODIFIED HYPERBRANCHED POLYMER (HBP), PROTON EXCHANGE MEMBRANE PREPARED BY USING SAME AND PREPARATION METHOD OF PROTON EXCHANGE MEMBRANE
CN101987878 A 20110323	CN20091165430 20090803	INDUSTRY TECHNOLOGY RESEARCH INSTITUTE	C08F212/14; C08F210/02; C08F226/02; C08F226/06; C08L23/08; C08L25/16; C08L39/00; C08L39/04; H01M8/00	ZWITTER-IONIC POLYMER FILM AND FUEL CELL



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WO2011014658 A1 20110203	US20090533258 20090731	INFINITY FUEL CELL AND HYDROGEN INC [US]; CALLAHAN CHRISTOPHER [US]; MCELROY JAMES F [US]; MEYER ALFRED [US]; SMITH WILLIAM F [US]	H01M8/04; H01M8/02	AN IMPROVED ELECTROCHEMICAL CELL
KR20110037324 A 20110413	KR20090094721 20091006	INHA IND PARTNERSHIP INST [KR]	H01M8/04; F22B1/00	STEAM GENERATOR FOR FUEL CELL
KR20110037323 A 20110413	KR20090094720 20091006	INHA IND PARTNERSHIP INST [KR]	H01M8/04	SUPER HEATED STEAM GENERATOR FOR FUEL CELL
DE102009052069 A1 20110512	DE200910052069 20091105	INHOUSE ENGINEERING GMBH [DE]	H01M8/04	METHOD FOR RECOVERING WATER VAPOR IN FUEL CELL HEATER OR FUEL CELL COMBINED HEAT AND POWER UNIT, INVOLVES TRANSFERRING SURPLUS WATER VAPOR FROM RESPECTIVE PROCESS GASES TO SECONDARY SIDE REACTANT GAS STREAM FOR STEAM FUEL PROCESSOR
US2011057455 A1 20110310	US20100859612 20100819; US20090239833P 20090904	INNOVATIVE ENERGY SYSTEMS AND DESIGN LLC [US]	F02B63/04; H01M8/04; H01M8/06	METHOD AND APPARATUS FOR HYDROGEN GENERATION
KR20110008925 A 20110127	KR20090066487 20090721	INST ADVANCED ENGINEERING [KR]	H01M8/02	FLOW CHANNEL PLATE FOR FUEL CELL

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NO20093575 A 20110623	NO20090003575 20091222	INST ENERGITEKNIK [NO]	H01M8/04; C01B3/02; H01M8/06	METHOD AND DEVICE FOR SIMULTANEOUS PRODUCTION OF ENERGY IN THE FORMS ELECTRICITY, HEAT AND HYDROGEN GAS
US2011003235 A1 20110106	TW20090122508 20090703	INST OF NUCLEAR ENERGY RES ATOMIC ENERGY COUNCIL EXECUTIVE YUAN [TW]	H01M8/10; H01M8/00	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
KR20110071163 A 20110629	KR20090127638 20091221	INST SCIENCE & TECH KWANGJU [KR]	H01M8/10; C10L1/02; C10L1/04	MIXED FUEL FOR DIRECT LIQUID FUEL CELL AND DIRECT LIQUID FUEL CELL USING THE SAME
KR20110065587 A 20110616	KR20090122144 20091210	INST SCIENCE & TECH KWANGJU [KR]	H01M8/04; H01M8/10	PORTABLE DIRECT CARBON FUEL CELL AND METHOD OF OPERATING THE SAME
WO2011068272 A1 20110609	KR20090118383 20091202	INST SCIENCE & TECH KWANGJU [KR]; LEE JAE-YOUNG [KR]; KWON YOUNG-KOOK [KR]; JEON HONG-RAE [KR]; UHM SUNG-HYUN [KR]	H01M4/88; H01M4/92; H01M8/10	METHOD FOR MANUFACTURING A FUEL CELL
CN101968532 A 20110209	CN20091012775 20090728	INSTITUTE OF METAL RESEARCH, CHINESE ACADEMY OF SCIENCES	G01R31/36; H01M8/18; H01M10/36	IN-SITU MONITORING METHOD OF STATE OF CHARGE OF ANODE ELECTROLYTE OF VANADIUM BATTERY
CN102024928 A 20110420	CN20091187567 20090923	INSTITUTE OF METAL RESEARCH, CHINESE ACADEMY OF SCIENCES	H01M2/16; C08J5/22; H01M8/02	NAFION ION EXCHANGE MEMBRANE USED FOR ENHANCED VANADIUM REDOX BATTERY AND PREPARATION METHOD THEREOF

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CN101997129 A 20110330	CN20091013448 20090827	INSTITUTE OF METAL RESEARCH, CHINESE ACADEMY OF SCIENCES	H01M8/18; H01M2/14; H01M8/24; H01M10/36	LIQUID FLOW BATTERY
CN101958424 A 20110126	CN20091089440 20090717	INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES	H01M8/16; C25B1/04; C25B9/00; C25B9/04	SLEEVE-TYPE NON-MEMBRANE MICROBIAL ELECTROLYTIC CELL FOR HYDROGEN PRODUCTION
WO2011061472 A1 20110526	GB20090020100 20091117	INTELLIGENT ENERGY LTD [GB]; HOOD PETER DAVID [GB]; WILSON ANTONY RICHARD [GB]	H01M8/02; B21D39/03; H01M4/88	PLATE PROCESSING
US2011111323 A1 20110512	US20110009135 20110119; US20060525127 20060922	ISHIHARA TATSUMI [JP]; YAMADA TAKASHI [JP]	C25B13/00; B01D53/22; C23C8/00; C25B9/00; H01M8/10	ELECTROLYTE MEMBRANE FOR ELECTROCHEMICAL CELL AND A METHOD OF PRODUCING THE SAME
GB2475148 A 20110511	GB20090019208 20091102; GB20100009259 20100602	ITM POWER RES LTD [GB]	C08F291/04; B01D67/00; B01D71/44; C08F259/04; C08F261/04; C08F291/10; C08J5/22; C25B9/10; H01M8/10	HYDROPHILIC POLYMERIC IONOMER
ES2359345T T3 20110520	GB20010021714 20010907	ITM POWER RES LTD [GB]	H01M8/10; C08F26/00; C08F226/00; C25B9/02; H01B1/12	POLIMEROS HIDROFILOS Y SU UTILIZACION EN CELDAS ELECTROQUIMICAS.
WO2011051720 A1 20110505	GB20090019208 20091102; GB20100010210 20100617	ITM POWER RES LTD [GB]; HIGHGATE DONALD JAMES [GB]; MORTON JENNIFER [GB]	B01D67/00; H01M8/10	IONIC MEMBRANE PREPARATION

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WO2011033299 A1 20110324	GB20090016179 20090916	ITM POWER RES LTD [GB]; MARCHAL FREDERIC [GB]	C25B9/08; C25B9/10; C25B9/18; H01M8/00; H01M8/10; H01M8/24	TUBULAR ELECTROCHEMICAL CELL
JP2011100698 A 20110519	JP20090256485 20091109	ITOCHU CERATECH CORP; YAMADA TAKEMASA	H01M8/00; B63H21/17; H01M8/04; H01M8/12	ELECTRIC MOVING BODY EQUIPPED WITH SECONDARY BATTERY AND SOLID OXIDE FUEL CELL
US2011091782 A1 20110421	JP20090240037 20091019	ITOGA MICHITARO [JP]	H01M8/06	FUEL CELL SYSTEM
KR20110004274 A 20110113	KR20090061062 20090706	IUCF HYU [KR]	H01M8/12; B05D1/04; C04B35/01; H01M8/04	FABRICATION METHOD OF SOLID OXIDE FUEL CELL
KR20110020186 A 20110302	KR20090077748 20090821	IUCF HYU [KR]	H01M8/10; C08J7/12; H01M8/04	POLYMER ELECTROLYTE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL, METHOD OF PREPARING SAME, AND POLYMER ELECTROLYTE MEMBRANE FUEL CELL SYSTEM INCLUDING SAME
WO2011021870 A2 20110224	KR20090077748 20090821; KR20100079257 20100817	IUCF HYU [KR]; LEE YOUNG MOO [KR]; PARK CHI HOON [KR]; HWANG DOO SUNG [KR]	H01M8/10; C08J7/12; H01M8/02; H01M8/04	MACROMOLECULAR ELECTROLYTE FILM FOR A MACROMOLECULAR ELECTROLYTE TYPE OF FUEL CELL, A PRODUCTION METHOD FOR THE SAME AND A MACROMOLECULAR ELECTROLYTE TYPE OF FUEL CELL SYSTEM COMPRISING THE SAME
US2011143022 A1 20110616	US201113021041 20110204; US20060324370 20060104	JANG BOR Z [US]; ZHAMU ARUNA [US]; SONG LULU [US]	H01M8/00	HIGHLY CONDUCTIVE COMPOSITES FOR FUEL CELL FLOW FIELD PLATES AND BIPOLAR PLATES

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US2011008716 A1 20110113	KR20090062720 20090709; KR20090071631 20090804	JANG JAE HYUK [KR]; LEE HONG RYUL [KR]; GIL JAE HYOUNG [KR]; KIM SUNG HAN [KR]; LEE EON SOO [KR]; CHUNG JONG HO [KR]	H01M8/10	FUEL CELL INCLUDING SUPPORT HAVING MESH STRUCTURE
US2011123878 A1 20110526	US20100953116 20101123; US20090263993P 20091124	JANGBARWALA JUZER [US]	B01D53/047; B01D53/02; F02B43/08; H01M8/06	DUAL PURPOSE GAS PURIFICATION BY USING PRESSURE SWING ADSORPTION COLUMNS FOR CHROMATOGRAPHIC GAS SEPARATION
JP2011023228 A 20110203	JP20090167720 20090716	JAPAN AEROSPACE EXPLORATION	H01M8/04	FUEL USING FLOW RATE-PRESSURE CONTROL, AND OXIDANT CIRCULATING FUEL CELL SYSTEM
JP2011029070 A 20110210	JP20090175325 20090728	JAPAN GORE TEX INC [JP]	H01M8/02; H01M4/86; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
AT492039T T 20110115	JP20050300733 20051014; WO2006JP20337 20061011	JAPAN GORE TEX INC [JP]	H01M8/02; H01M8/10	MEMBRANELEKTROLYT UND VERBINDUNGSPRODUKT UND FESTPOLYMER-ELEKTROLYT-BRENNSTOFFBATTERIE
WO2011013711 A1 20110203	JP20090175254 20090728	JAPAN GORE TEX INC [JP]; NAMBA TAKAFUMI [JP]; OHASHI NAOKI [JP]	H01M4/86; H01M4/96; H01M8/10	GAS DIFFUSION LAYER MEMBER FOR SOLID POLYMER FUEL CELLS, AND SOLID POLYMER FUEL CELL

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WO2011019093 A1 20110217	JP20090187130 20090812	JAPAN GORE TEX INC [JP]; SUZUKI YOICHI [JP]; NOMURA TOMOYA [JP]; KOSAKA TAKUYA [JP]; NISHIMURA SHINICHI [JP]	H01M8/02; H01M8/10	METHOD FOR MANUFACTURING REINFORCED MEMBRANE ELECTRODE ASSEMBLY AND REINFORCED MEMBRANE ELECTRODE ASSEMBLY
JP2011094155 A 20110512	JP20020061916 20020307; JP20110012669 20110125	JAPAN SCIENCE & TECH AGENCY [JP]; NITTO DENKO CORP	C08J9/40; C08J5/22; H01B1/06; H01B1/12; H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE AND SOLID POLYMER TYPE FUEL CELL USING THE SAME
WO2011025021 A1 20110303	JP20090200422 20090831	JAPAN SCIENCE & TECH AGENCY [JP]; UNIV TOKYO [JP]; HASHIMOTO KAZUHITO [JP]; ISHII KAZUYUKI [JP]; NAKAMURA RYUHEI [JP]; WATANABE KAZUYA [JP];	H01M8/16; H01M4/86	ELECTRODE FOR MICROBIAL FUEL CELL, AND MICROBIAL FUEL CELL USING SAME
WO2011067627 A2 20110609	WO2009IB55530 20091205	JAYAPRAKASH VISHNU [IN]	H01M8/16	A NOVEL COW DUNG BASED MICROBIAL FUEL CELL
JP2011026670 A 20110210	JP20090174159 20090727	JFE STEEL CORP [JP]	C23C26/00; C25D5/26; C25D5/50; H01M8/02; H01M8/10	STAINLESS STEEL FOR SOLID-STATE POLYMER TYPE FUEL CELL SEPARATOR AND METHOD OF MANUFACTURING THE SAME
WO2011013832 A1 20110203	JP20090177814 20090730	JFE STEEL CORP [JP]; IDE SHINSUKE [JP]; HONDA ATSUTAKA [JP]; ISHIKAWA SHIN [JP]; UJIRO TAKUMI [JP]	C22C38/00; C21D9/46; C22C38/28; H01M8/02; H01M8/10	STAINLESS STEEL FOR FUEL CELL SEPARATORS WHICH HAS EXCELLENT ELECTRICAL CONDUCTIVITY AND DUCTILITY, AND PROCESS FOR PRODUCTION THEREOF

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WO2011010746 A1 20110127	JP20090172307 20090723; JP20090177465 20090730	JFE STEEL CORP [JP]; IDE SHINSUKE [JP]; ISHII TOMOHIRO [JP]; NISHIYAMA NAOKI [JP]; ISHIKAWA SHIN [JP]; UJIRO TAKUMI [JP]; MAKIISHI NORIKO [JP]	C25D11/34; C22C38/00; C22C38/28; H01M8/02; H01M8/10	STAINLESS STEEL FOR FUEL CELL HAVING EXCELLENT CORROSION RESISTANCE AND METHOD FOR PRODUCING SAME
CN101969131 A 20110209	CN20101288524 20100914	JIANGSU XINYUAN DYNAMIC CO., LTD.	H01M8/10; G01R31/36	SINGLE-CELL ASSEMBLY AND TEST TOOL OF FUEL CELL
CN101964426 A 20110202	CN20101293810 20100928	JILIN UNIVERSITY	H01M8/12; H01M8/04	SOLID OXIDE FUEL CELL COMPREHENSIVE EXPERIMENT APPARATUS
CN201797000U U 20110413	CN20102544539U 20100928	JILIN UNIVERSITY	H01M8/12; H01M8/04	SOLID OXIDE FUEL CELL EXPERIMENTAL DEVICE
CN101992698 A 20110330	CN20101518828 20101026	JILIN UNIVERSITY	B60L8/00; B60L11/18; H01L31/04; H01M8/18	LIQUID FLOW BATTERY SOLAR ELECTRICALLY PROPELLED VEHICLE
AT498917T T 20110315	GB20040021254 20040924; WO2005GB03655 20050922	JOHNSON MATTHEY PLC [GB]; GEN MOTORS CORP [US]	H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY
WO2011073652 A1 20110623	GB20090021996 20091217	JOHNSON MATTHEY PLC [GB]; SHARMAN JONATHAN DAVID BRERETON [GB]	H01M4/86; H01M4/88; H01M8/10	CATALYST LAYER ASSEMBLY

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JP2011018613 A 20110127	JP20090163851 20090710	JSR CORP [JP]	H01M8/02; C08K3/14; C08K3/22; C08K3/26; C08K3/28; C08L101/02; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE AND ITS MANUFACTURING METHOD AS WELL AS LIQUID COMPOSITION
JP2011003435 A 20110106	JP20090146346 20090619	JSR CORP [JP]	H01M4/86; C08G65/40; H01M4/88; H01M8/02; H01M8/10	ELECTRODE ELECTROLYTE DISPERSION FOR FUEL CELL AND ELECTRODE PASTE USING THE SAME, AND MEMBRANE- ELECTRODE ASSEMBLY
JP2011076909 A 20110414	JP20090228072 20090930	JSR CORP [JP]	H01M8/02; H01B1/06; H01B13/00; H01M8/10	SOLID POLYMER ELECTROLYTE MEMBRANE AND MANUFACTURING METHOD THEREOF AS WELL AS LIQUID COMPOSITION
JP2011089036 A 20110506	JP20090243845 20091022	JSR CORP [JP]	C08G61/00; H01B1/06	NEW AROMATIC COMPOUND AND POLYARYLENE-BASED COPOLYMER HAVING AROMATIC RING CONTAINING SULFONIC GROUP ON SIDE CHAIN
JP2011090908 A 20110506	JP20090243821 20091022	JSR CORP [JP]; HONDA MOTOR CO LTD	H01M4/86; C08G61/12; H01B1/06; H01B1/20	ELECTRODE ELECTROLYTE FOR SOLID POLYMER ELECTROLYTE FUEL CELL, AND ELECTRODE VARNISH, ELECTRODE PASTE AND MEMBRANE ELECTRODE ASSEMBLY USING THE SAME
WO2011049211 A1 20110428	JP20090243846 20091022	JSR CORP [JP]; KADOTA TOSHIKI [JP]; YAMAKAWA YOSHITAKA [JP]; MURAKAMI TAKUYA [JP]	C08G61/00; H01B1/06; H01M8/02; H01M8/10	POLYARYLENE COPOLYMER HAVING, IN SIDE CHAIN THEREOF, AROMATIC RING CONTAINING PHOSPHONATE GROUP



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WO2011078310 A1 20110630	JP20090294122 20091225; JP20100174899 20100803	JSR CORP [JP]; YAMAMOTO NORIHIRO [JP]; OTSUKI TOSHIHIRO [JP]; HIGAMI MAKOTO [JP]; WAKABAYASHI NORIAKI [JP]; KAWAI JUNJI [JP]	H01M8/02; H01B1/06; H01M8/10	HYDROGEN-POWERED FUEL CELL
JP2011076847 A 20110414	JP20090226769 20090930	JX NIPPON MINING & METALS CORP [JP]	H01M8/02; C23C14/02; C23C14/14; C23C14/16; C23C14/58; H01M8/10	SEPARATOR MATERIAL OF FUEL CELL, SEPARATOR OF FUEL CELL USING THE SAME, FUEL CELL STACK, AND MANUFACTURING METHOD FOR SEPARATOR MATERIAL OF FUEL CELL
WO2011016380 A1 20110210	JP20090182239 20090805	JX NIPPON MINING & METALS CORP [JP]; DAIDO STEEL CO LTD [JP]; SHIBUYA NORIMITSU [JP]; HISADA TATSUO [JP]; HUTO MASAYOSI [JP]	H01M8/02; C25D3/48; C25D5/26; C25D5/48; H01M8/10	SEPARATOR MATERIAL FOR FUEL CELL, AND FUEL CELL STACK USING SAME
JP2011033070 A 20110217	JP20090177520 20090730	JX NIPPON OIL & ENERGY CORP [JP]	F17C7/00; B67D7/04; F17C5/06	HYDROGEN STORAGE AND SUPPLY STATION
JP2011026139 A 20110210	JP20090170278 20090721	JX NIPPON OIL & ENERGY CORP [JP]	C01B3/38; B01F3/02; B01F3/04; B01F5/06	METHOD FOR VAPORIZING AND MIXING REFORMING RAW MATERIAL
JP2011014272 A 20110120	JP20090154996 20090630	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/04; H01M8/00; H01M8/12	FUEL CELL SYSTEM

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JP2011003305 A 20110106	JP20090143402 20090616	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/04; H01M8/06; H01M8/12	METHOD OF STOPPING INDIRECT INTERNAL REFORMING TYPE SOLID OXIDE FUEL CELL
JP2011076850 A 20110414	JP20090226886 20090930	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/06; C01B3/38	FUEL PROCESSING DEVICE FOR FUEL CELL
JP2011070809 A 20110407	JP20090219021 20090924	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/06; C01B3/38; H01M8/04	LOAD FOLLOWING OPERATION METHOD FOR FUEL CELL SYSTEM
JP2011070807 A 20110407	JP20090218898 20090924	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/06; H01M8/04	LOAD FOLLOWING OPERATION METHOD FOR FUEL CELL SYSTEM
JP2011070806 A 20110407	JP20090218897 20090924	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/06; H01M8/04	LOAD FOLLOWING OPERATION METHOD FOR FUEL CELL SYSTEM
JP2011096595 A 20110512	JP20090251883 20091102	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/04; C01B3/38; F23C1/00; F23N5/02; H01M8/06	COMBUSTION DEVICE, FUEL CELL SYSTEM, AND IGNITION DETERMINATION METHOD FOR COMBUSTION PORTION
JP2011096565 A 20110512	JP20090250753 20091030	JX NIPPON OIL & ENERGY CORP [JP]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR EXCHANGING PURE WATER THEREIN
JP2011088066 A 20110506	JP20090243324 20091022	JX NIPPON OIL & ENERGY CORP [JP]	B01J23/58; B01J23/63; C01B3/40	REFORMING CATALYST, REFORMER, AND HYDROGEN PRODUCTION APPARATUS

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JP2011088780 A 20110506	JP20090243323 20091022	JX NIPPON OIL & ENERGY CORP [JP]	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011088779 A 20110506	JP20090243322 20091022	JX NIPPON OIL & ENERGY CORP [JP]	C01B3/38; C01B3/48; C01B3/56; H01M8/04; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011088778 A 20110506	JP20090243321 20091022	JX NIPPON OIL & ENERGY CORP [JP]	C01B3/40; H01M8/06	HYDROGEN PRODUCTION APPARATUS AND FUEL CELL SYSTEM
JP2011093774 A 20110512	JP20090252137 20091102	JX NIPPON OIL & ENERGY CORP [JP]; AKITA PREFECTURAL UNIV	C01B31/08; C10G25/00; H01M8/06	ACTIVATED CARBON, PROCESS FOR PRODUCING THE SAME, METHOD OF REFINING LIQUID USING THE SAME, AND FUEL CELL SYSTEM
WO2011049130 A1 20110428	JP20090243320 20091022	JX NIPPON OIL & ENERGY CORP [JP]; HASHIMOTO YASUSHI [JP]; GOTO AKIRA [JP]; KATO EMI [JP]	C01B3/40; B01J23/58; H01M8/06	DEVICE FOR PRODUCING HYDROGEN AND FUEL CELL SYSTEM
WO2011024899 A1 20110303	JP20090196694 20090827; JP20090218897 20090924; JP20090218898 20090924; JP20090219021 20090924	JX NIPPON OIL & ENERGY CORP [JP]; HATADA SUSUMU [JP]	H01M8/04; H01M8/06	LOAD FOLLOWING OPERATION METHOD FOR FUEL CELL SYSTEM
WO2011065320 A1 20110603	JP20090266132 20091124	JX NIPPON OIL & ENERGY CORP [JP]; HATADA SUSUMU [JP]	H01M8/04; H01M8/06; H01M8/12	METHOD FOR STOPPING INDIRECT INTERNAL REFORMING TYPE SOLID OXIDE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101937543 A 20110105	CN20091139794 20090630	KAIZHAI GROUP CO., LTD	G06Q30/00; G06Q50/00; H01M8/00; H01M12/06; H02J3/00	ELECTRIC ENERGY EVALUATION SYSTEM AND METHOD
CN101944623 A 20110112	CN20091148784 20090703	KAIZHAI GROUP CO., LTD.	H01M8/00; H01M12/06	BATTERY DEVICE AND PACKAGING, DISMOUNTING AND RECOVERING METHOD OF SAME
JP2011023308 A 20110203	JP20090169419 20090717	KANEKA CORP; TOKYO INST TECH	H01B1/06; C08G61/10; C08G75/20; H01M4/86; H01M8/02; H01M8/10	ELECTROLYTE FILM BY WHOLE AROMATIC MULTI-BLOCK COPOLYMER
JP2011037952 A 20110224	JP20090184754 20090807	KANEKA CORP; UNIV IWATE	C08G73/06; C08G65/40; C08G75/02; C08G83/00; H01B1/06; H01B13/00; H01M4/86; H01M8/02; H01M8/10	POLYELECTROLYTE CONTAINING TRIAZINE RING
JP2011028990 A 20110210	JP20090173335 20090724	KANEKA CORP; UNIV YAMANASHI	H01M8/02; C08G81/00; H01B1/06; H01M4/86; H01M8/10	POLYMER ELECTROLYTE AND ELECTROLYTE FOR FUEL CELL CONTAINING THE SAME
JP2011084728 A 20110428	JP20090216279 20090917; JP20100181657 20100816	KANEKA CORP; UNIV YAMANASHI	C08G65/48; C08J5/22; H01B1/06; H01M8/02; H01M8/10	POLYELECTROLYTE AND UTILIZATION THEREOF
KR20110018058 A 20110223	KR20090075662 20090817	KANG SUNG TAEG [KR]; LEE JUNG WOO [KR]; LEE DONG JUN [KR]; KIM MUN TAE [KR]	H01M8/02; C23C18/54; H01M8/04	BIPOLAR PLATE FOR FUEL CELL AND MANUFACTURING METHOD THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011040362 A 20110224	JP20090165460 20090714; JP20090254133 20091105	KANSAI ELECTRIC POWER CO; DOSHISHA	H01M4/86; H01M8/04; H01M8/12	FUEL ELECTRODE FOR SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL, AND OPERATION METHOD OF SOLID OXIDE FUEL CELL
KR20110012838 A 20110209	KR20090070723 20090731	KB AUTOTECH [KR]	B60L11/18; B60R16/02; H01M8/04	COD HEATER FOR CAR
KR101011324B B1 20110128	KR20090070719 20090731	KB AUTOTECH [KR]	B60L11/18; B60R16/02; H01M8/04	COD HEATER FOR CAR
KR20110054599 A 20110525	KR20090111311 20091118	KB AUTOTECH [KR]	H01M8/04; B60L11/18	COD HEATER ASSEMBLY HAVING BYPASS PASSAGE
JP2011075070 A 20110414	JP20090229066 20090930	KEIHIN CORP; HONDA MOTOR CO LTD	F16K31/04; F16K31/54; F16K35/16	OPENING/CLOSING VALVE
JP2011075069 A 20110414	JP20090229065 20090930	KEIHIN CORP; HONDA MOTOR CO LTD	F16K31/54; F16K31/04	OPENING/CLOSING VALVE
JP2011074937 A 20110414	JP20090224135 20090929	KEIHIN CORP; HONDA MOTOR CO LTD	F16K31/06; F16K51/00; H01M8/04	SOLENOID VALVE FOR FUEL CELL
JP2011074936 A 20110414	JP20090224134 20090929	KEIHIN CORP; HONDA MOTOR CO LTD	F16K31/06; H01M8/04	SOLENOID VALVE FOR FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011069310 A 20110407	JP20090221878 20090928	KEIHIN CORP; HONDA MOTOR CO LTD	F04F5/20; F04F5/46; H01M8/04	EJECTOR DEVICE FOR FUEL CELL
JP2011069450 A 20110407	JP20090221877 20090928	KEIHIN CORP; HONDA MOTOR CO LTD	F16K1/32; F16K1/00; F16K31/06; F16K41/08	VALVE DEVICE
JP2011002283 A 20110106	JP20090144076 20090617	KEIO GIJUKU	G01R33/3415; G01N24/08; H01M8/02; H01M8/04	MEASUREMENT APPARATUS AND FUEL CELL SYSTEM
DE102010060231 A1 20110609	KR20090119135 20091203	KIA MOTORS CORP [KR]; HYUNDAI MOTOR CO LTD [KR]	H01M8/04	COOLING SYSTEM FOR ECO-FRIENDLY VEHICLE
US2011027682 A1 20110203	KR20090068843 20090728	KIM SUNG HAN [KR]; JANG JAE HYUK [KR]; CHUNG JONG HO [KR]	H01M8/04	PORTABLE ELECTRONIC DEVICE COMPRISING FUEL CELL POWER SYSTEM
US2011053045 A1 20110303	KR20090081115 20090831; KR20090085543 20090910	KIM SUNG HAN [KR]; JANG JAE HYUK [KR]; YOON JONG SIK [KR]; MIN KYONG BOK [KR]; LEE EON SOO [KR]; RYU HAN WOOL [KR]; LEE HONG RYUL [KR]; CHUNG JONG HO [KR]; GIL JAE HYOUNG [KR]	H01M8/10; B05D5/12; C23C14/34; H01M4/04	SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011059385 A1 20110310	KR20090085597 20090910	KIM TAE-KYOUNG [KR]; CHOI YEONG-SUK [KR]; LEE MYUNG-JIN [KR]	H01M8/10; C08J5/20	POLYMER MEMBRANE COMPOSITION FOR FUEL CELL, POLYMER MEMBRANE PREPARED THEREFROM, MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL INCLUDING THE SAME, AND ASSOCIATED METHODS
JP2011099504 A 20110519	JP20090254128 20091105	KITAGAWA IND CO LTD	F16L23/04; F16L33/02	FASTENER COVER
JP2011098472 A 20110519	JP20090253672 20091105	KOBE STEEL LTD	B32B37/00; B32B5/16; B32B9/00; H01M4/66	METHOD FOR MANUFACTURING GRAPHITE PRESS-FITTED MATERIAL AND GRAPHITE PRESS-FITTING APPARATUS
JP2011077018 A 20110414	JP20090202999 20090902; JP20100002461 20100108	KOBE STEEL LTD	H01M8/02; B21B1/22; C23C14/14	METHOD OF MANUFACTURING FUEL CELL SEPARATOR
US2011151343 A1 20110623	US201113038530 20110302; JP20060274594 20061006; US20070626878 20070125	KOHNO RYUJI [JP]; KITANO MAKOTO [JP]; FUKUSHI MIYUKI [JP]	H01M8/06	FUEL CELL SYSTEM
KR20110006128 A 20110120	KR20090063619 20090713	KOLON INC [KR]	H01M8/10; H01M8/04	FILLING SYSTEM USED FOR PREPARATION OF POLYMER ELECTROLYTE MEMBRANE AND METHOD OF MANUFACTURING POLYMER ELECTROLYTE MEMBRANE USING THE SAME
KR20110006122 A 20110120	KR20090063612 20090713	KOLON INC [KR]	H01M8/10; C08J9/224	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110001022 A 20110106	KR20090058403 20090629	KOLON INC [KR]	H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20110026696 A 20110316	KR20090084458 20090908	KOLON INC [KR]	H01M8/04	HUMIDIFIER FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20110021217 A 20110304	KR20090078876 20090825	KOLON INC [KR]	H01M8/10; C08J5/22	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20110063366 A 20110610	KR20090119583 20091204	KOLON INC [KR]	H01M8/04; F24F6/00; H01M8/10	HUMIDIFIER FOR FUEL CELL
WO2011068383 A2 20110609	KR20090119583 20091204; KR20100122459 20101203	KOLON INC [KR]; KIM KYOUNG-JU [KR]; SHIN YONG-CHEOL [KR]; LEE MOO-SEOK [KR]	H01M8/04; F24F6/00; H01M8/10	HUMIDIFIER FOR FUEL CELL
WO2011025259 A2 20110303	KR20090078876 20090825; KR20100039471 20100428	KOLON INC [KR]; KOLON INC [KR]; KOLON FASHION MATERIAL INC [KR]; LEE MOO-SEOK [KR]; SHIN YONG-CHEOL [KR]; RYU JAE HEE [KR]; KIM NA YOUNG [KR]; KIM KYOUNG-JU [KR]; KIM CHUL KI [KR]; LEE YONG HWAN [KR]; KANG YUN KYUNG [KR]	H01M8/10; C08J5/22; C08J7/00; H01B1/06; H01M8/02	POLYMER ELECTROLYTE MEMBRANE FOR A FUEL CELL, AND METHOD FOR PREPARING SAME



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110062940 A 20110610	KR20090119823 20091204	KOMICO LTD [KR]	H01M4/88; H01M8/12	SOLID OXIDE FUELCELL
KR20110062935 A 20110610	KR20090119818 20091204	KOMICO LTD [KR]	H01M8/12; H01M8/02	PLANAR TYPE SOLID OXIDE FUEL CELL
KR20110062932 A 20110610	KR20090119809 20091204	KOMICO LTD [KR]	H01M8/02; H01M8/12	TUBE TYPE SOLID OXIDE FUEL CELL
KR20110062925 A 20110610	KR20090119797 20091204	KOMICO LTD [KR]	H01M4/88; H01M8/12	METHOD OF MANUFACTURING POWDER FOR SOLID OXIDE FUEL CELL
KR20110062882 A 20110610	KR20090119737 20091204	KOMICO LTD [KR]	H01M8/12; H01M8/02	SOLID OXIDE FUELCELL
KR20110056574 A 20110531	KR20090112958 20091123	KOMICO LTD [KR]	H01M8/12; H01M8/02	FLAT TUBULAR SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20110056573 A 20110531	KR20090112957 20091123	KOMICO LTD [KR]	H01M8/12; H01M4/88	METHOD OF MANUFACTURING PLATE-TYPED SOLID OXIDE FUEL CELL
WO2011062358 A2 20110526	KR20090112958 20091123; KR20100022733 20100315	KOMICO LTD [KR]; CHOI SONG-HO [KR]; HAN KI-MOON [KR]	H01M8/12; H01B1/02; H01B1/06; H01M8/02; H01M8/24	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011086293 A1 20110414	US20100696331 20100129; US20090251468P 20091014	KONG SANG-JUN [KR]; CHEONG KYEONG-BEOM [KR]; KIM KI-WOON [KR]; YOON DUK-HYOUNG [KR]; KWON TAE-HO [KR]	H01M8/02	SOLID OXIDE FUEL CELL HOUSING
WO2011077969 A1 20110630	JP20090292082 20091224	KONICA MINOLTA HOLDINGS INC [JP]; ISHIDA NOBUHISA [JP]; SAMESHIMA KOUICHI [JP]; OHMORI HIROKO [JP]	H01M8/04; H01M8/00; H01M8/06	REACTION CONTAINER AND FUEL CELL SYSTEM EQUIPPED WITH SAME
WO2011030651 A1 20110317	JP20090207908 20090909	KONICA MINOLTA HOLDINGS INC [JP]; OKANO TAKAYUKI [JP]	H01M8/04; H01M8/02	FUEL CELL DEVICE
WO2011030625 A1 20110317	JP20090207909 20090909	KONICA MINOLTA HOLDINGS INC [JP]; OKANO TAKAYUKI [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/12	FUEL CELL
WO2011040182 A1 20110407	JP20090226795 20090930	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; ISHIDA NOBUHISA [JP]	H01M8/06; H01M8/02; H01M8/10	FUEL CELL DEVICE
WO2011052283 A1 20110505	JP20090248611 20091029	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; ISHIDA NOBUHISA [JP]	H01M8/04; H01M8/06	FUEL CELL DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110017750 A 20110222	KR20090075380 20090814	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10; C08J5/22; H01M4/86	METHOD FOR PREPARATION OF PROTON CONDUCTING COMPOSITE MEMBRANE USING POROUS MATRIX WITH IMPROVED HYDROPHILICITY AND THE PROTON CONDUCTING
KR20110017499 A 20110222	KR20090074984 20090814	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02; H01M8/12	SUPPORT AND SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
US2011039187 A1 20110217	KR20090074965 20090814	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10	MANUFACTURING METHOD OF SOLID OXIDE FUEL CELL
US2011039186 A1 20110217	KR20090074939 20090814	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10	DISC TYPE SOLID OXIDE FUEL CELL
US2011159388 A1 20110630	KR20090132691 20091229	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/04	VISUALIZATION APPARATUS FOR PEMFC STACK
US2011159387 A1 20110630	KR20090132734 20091229	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/04	VISUALIZATION APPARATUS FOR LARGE AREA PEMFC
US2011104524 A1 20110505	KR20090105719 20091104	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/02	VISUALIZATION APPARATUS FOR TRANSPARENT PEMFC

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011104581 A1 20110505	KR20090105720 20091104	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/04	HEAT CONTROLLABLE VISUALIZATION APPARATUS FOR TRANSPARENT PEMFC
US2011104584 A1 20110505	US20090612940 20091105	KOREA ADVANCED INST SCI & TECH [KR]	H01M8/10	METAL SUPPORTED SOLID OXIDE FUEL CELL
KR20110073107 A 20110629	KR20090130276 20091223	KOREA ADVANCED INST SCI & TECH [KR]; UNIV ULSAN FOUND FOR IND COOP [KR]	H02J3/38; F03D9/00; H01M8/00; H02J7/35	SMART GREEN GRID SYSTEM FOR MOBILE HARBOR
KR20110017197 A 20110221	KR20090074758 20090813	KOREA ELECTRIC POWER CORP [KR]	H01M4/88; H01M8/02; H01M8/24	METHOD FOR PREPARING AIR ELECTRODE OF A SINGLE CELL OF A SOLID OXIDE FUEL CELL
KR20110001170 A 20110106	KR20090058575 20090629	KOREA ELECTRIC POWER CORP [KR]	H01M4/90; B01J21/14; B01J37/02; H01M8/14	CATALYST FOR INNER REFORMING TYPE MOLTEN CARBONATE FUEL CELLS AND PRODUCTION METHOD OF THE SAME
KR20110032443 A 20110330	KR20090089928 20090923	KOREA ELECTRIC POWER CORP [KR]	H01M8/04; H01M8/14	MOLTEN CARBONATE FUEL CELL SYSTEM CONNECTED WITH CARBONATE REFRIGERANT-GENERATOR AND HEAT PUMP
KR20110031566 A 20110329	KR20090088879 20090921	KOREA ELECTRIC POWER CORP [KR]	H01M8/02; H01M8/12	A SEPARATING PLATE OF SOLID OXIDE FUEL CELL STACK
KR20110030901 A 20110324	KR20090088562 20090918	KOREA ELECTRIC POWER CORP [KR]	H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL SYSTEM

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KR20110029963 A 20110323	KR20090087851 20090917	KOREA ELECTRIC POWER CORP [KR]	H01M8/04; H01M8/14	MOLTEN CARBONATE FUEL CELL SYSTEM WITH HYDROCARBON REACTOR
KR20110062467 A 20110610	KR20090119202 20091203	KOREA ELECTRIC POWER CORP [KR]	F04F5/04; H01M8/04	MULTIFLUID MIXED EJECTOR AND FUEL CELL SYSTEM FOR APPLYING SAME
KR20110059376 A 20110602	KR20090116087 20091127	KOREA ELECTRIC POWER CORP [KR]	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
WO2011052843 A1 20110505	KR20090104643 20091030	KOREA ELECTRIC POWER CORP [KR]; YOO YOUNG SUNG [KR]; CHOI JIN HYEOK [KR]; LEE TAE HEE [KR]; BAEK SEUNG WOOK [KR]; BAE JOONG MYEON [KR]	H01M8/12; H01M8/02	SOLID-OXIDE FUEL CELL AND A PRODUCTION METHOD THEREFOR
KR20110017691 A 20110222	KR20090075289 20090814	KOREA ENERGY RESEARCH INST [KR]	H01M8/10; C08J5/22	CROSSLINKED COMPOSITE MEMBRANES WITH SUBSTARATES MODIFIED BY ACIDIC PRETREATMENT AND THEIR PREPARATION METHOD
KR20110005045 A 20110117	KR20090062538 20090709	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
KR20110005044 A 20110117	KR20090062537 20090709	KOREA ENERGY RESEARCH INST [KR]	H01M8/04; H01M8/12	ONE BODY TYPE APPARATUS WITH BURNER AND HEAT-EXCHANGER FOR SOLID OXIDE FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110001368 A 20110106	KR20090058875 20090630	KOREA ENERGY RESEARCH INST [KR]	H01M4/88; H01M8/02; H01M8/12	MANUFACTURING METHOD OF FUNCTIONAL LAYER OF ANODE FOR SOLID OXIDE FUEL CELL AND FUNCTIONAL LAYER THEREFROM
KR20110044051 A 20110428	KR20090100865 20091022	KOREA ENERGY RESEARCH INST [KR]	H01M8/24	STACK FASTENING METHOD OF SMALL FUEL-CELL
KR20110035124 A 20110406	KR20090092691 20090929	KOREA ENERGY RESEARCH INST [KR]	H01M8/10; C08J5/22	PREPARATION METHOD OF COMPOSITE MEMBRANES CROSSLINKED WITH ANHYDROUS ELECTROLYTE AND POLYMER ELECTROLYTE FUEL CELL SYSTEMS USING THE SAME
KR20110035123 A 20110406	KR20090092690 20090929	KOREA ENERGY RESEARCH INST [KR]	H01M4/86; H01M4/88; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY OF FUEL CELL AND PREPARING METHOD THEREOF
KR20110029501 A 20110323	KR20090087197 20090915	KOREA ENERGY RESEARCH INST [KR]	H01M8/04	WORKING CONTROL METHOD OF HOME FUEL CELL SYSTM
KR20110029499 A 20110323	KR20090087195 20090915	KOREA ENERGY RESEARCH INST [KR]	H01M8/04	WATER FLOODING PREVENTION SYSTEM FOR FUEL CELL AND CONTROL METHOD OF WATER FLOODING PREVENTION USING WATER FLOODING REVENTION SYSTEM
KR20110029496 A 20110323	KR20090087192 20090915	KOREA ENERGY RESEARCH INST [KR]	H01M8/04	HOME FUEL CELL SYSTM

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US2011097651 A1 20110428	KR20090100647 20091022	KOREA ENERGY RESEARCH INST [KR]	H01M8/10	MEMBRANE ELECTRODE ASSEMBLY (MEA) FABRICATION PROCEDURE ON POLYMER ELECTROLYTE MEMBRANE FUEL CELL
KR20110072284 A 20110629	KR20090129144 20091222	KOREA ENERGY RESEARCH INST [KR]	H01M10/36; H01M8/20	MANUFACTURING METHOD OF CARBON ELECTRODE THROUGH ELECTROCHEMICALLY ACTIVATED AND CARBON ELECTRODE THEREOF AND REDOX FLOW BATTERY MANUFACTURED THEREBY
KR20110067481 A 20110622	KR20090124091 20091214	KOREA ENERGY RESEARCH INST [KR]	C01B3/38; H01M8/04	HYDROCARBON REFORMING DEVICE USING MICRO CHANNEL HEATER
KR20110064058 A 20110615	KR20090120482 20091207	KOREA ENERGY RESEARCH INST [KR]	H01M8/20; C01G1/02; C01G31/02; H01M8/04	REDOX FLOW BATTERY ELECTROLYTE AND PRODUCTION METHOD THEREOF AND REDOX FLOW BATTERY PRODUCED THEREBY
KR101007647B B1 20110113	KR20100093169 20100927	KOREA ENVIRONMENT CORP [KR]	H01M8/06; B01D53/52; B01D53/72; H01M8/10	POLYMER ELECTROLYTE TYPE FUEL CELL GENERATION SYSTEM USING BIO GAS AND CONTROL METHOD OF THE SAME
KR20110041288 A 20110421	KR20090098382 20091015	KOREA IND TECH INST [KR]	H01M8/12; H01M8/02	MANUFACTURING METHOD OF TUBULAR ANODE-SUPPORTED ELECTROLYTE AND TUBULAR SOLID OXIDE FUEL CELL
KR20110041287 A 20110421	KR20090098381 20091015	KOREA IND TECH INST [KR]	B22F9/24; B82B3/00; H01M8/04; H01M8/12	MANUFACTURING METHOD OF NANO-CESCSZ POWDER AND MANUFACTURING METHOD OF ELECTROLYTE AND CELL FOR SOLID OXIDE FUEL CELL HAVING THE POWDER

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110026944 A 20110316	KR20090084813 20090909	KOREA INST CERAMIC ENG & TECH [KR]	H01M8/02; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELLS AND MANUFACTURING METHOD THEREOF
KR20110068516 A 20110622	KR20090125509 20091216	KOREA INST CERAMIC ENG & TECH [KR]	H01M8/02; C09K3/10; H01M8/12	SEALANT FOR SOLID OXIDE FUEL CELL
KR20110068510 A 20110622	KR20090125498 20091216	KOREA INST CERAMIC ENG & TECH [KR]	H01M8/10; C09K3/10	UNIT STACK OF SOLID OXIDE FUEL CELL
US2011135813 A1 20110609	KR20090121928 20091209	KOREA INST CERAMIC ENG & TECH [KR]	H01M8/00	METHOD OF MANUFACTURING UNIT CELL OF SOLID OXIDE FUEL CELL USING TRANSFER PROCESS
KR20110074009 A 20110630	KR20090130837 20091224	KOREA INST CERAMIC ENG & TECH [KR]; KOREA ENERGY MATERIAL CO LTD [KR]	H01M8/02; C10L1/02; H01M8/10	VAPOR-FEEDING FUEL CELL
KR20110017748 A 20110222	KR20090075376 20090814	KOREA INST SCI & TECH [KR]	H01M8/04; G01R27/02	METHOD AND APPARATUS FOR MEASURING ELECTROCHEMICAL PROPERTY OF ELECTRODE OF FUEL CELL
KR20110004036 A 20110113	KR20090061653 20090707	KOREA INST SCI & TECH [KR]	C01B3/14; F17C1/00; F17C13/02; H01M8/04	HYDROGEN SUPPLY APPARATUS, METHOD FOR SUPPLYING HYDROGEN AND HYDROGEN USAGE APPARATUS USING THE SAME
KR20110036343 A 20110407	KR20090093953 20091001	KOREA INST SCI & TECH [KR]	H01M8/10; H01M4/86	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND PREPARING METHOD FOR THE SAME



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KR20110035681 A 20110406	KR20090093494 20090930	KOREA INST SCI & TECH [KR]	H01M8/02; C01F11/02; C01G25/02; C01G53/04	POROUS ANODE SUBSTRATE FOR PROTONIC CERAMIC FUEL CELL AND FABRICATION METHOD THEREOF
KR20110033490 A 20110331	KR20090091014 20090925	KOREA INST SCI & TECH [KR]	H01M8/04; H01M8/10	METHOD OF OPERATING POLYMER ELECTROLYTE MEMBRANE FUEL CELL
KR20110030141 A 20110323	KR20090088133 20090917	KOREA INST SCI & TECH [KR]	H01M8/02; H01M8/04	FUEL CELL INTERCONNECTOR HAVING EXCELLENT ELECTRICAL CONDUCTIVITY, OXIDATION RESISTANCE AND LOW CHROMIUM VOLATILITY AND METHOD FOR MANUFACTURING THE SAME
KR20110059306 A 20110602	KR20090116000 20091127	KOREA INST SCI & TECH [KR]	B63B35/44; C10G5/00; H01M8/04	FPSO-GTL SYSTEM FOR CONVERSION OF ASSOCIATED GAS IN OIL FIELDS AND STRANDED GAS IN STRANDED GAS FIELDS, AND PROCESS FOR PRODUCTION OF SYNTHETIC FUEL USING THE SAME
KR20110051955 A 20110518	KR20090108785 20091111	KOREA INST SCI & TECH [KR]	H01M8/12; H01M8/02	METHOD OF NON-SHRINKAGE FABRICATION OF METAL OXIDE THIN FILM FOR SOLID OXIDE FUEL CELL BY LOW TEMPERATURE
US2011117456 A1 20110519	KR20090112074 20091119	KOREA INST SCI & TECH [KR]	H01M12/06; H01M8/22	ZINC AIR FUEL CELL WITH ENHANCED CELL PERFORMANCE
KR20110028711 A 20110322	KR20090086267 20090914	KOREA MACH & MATERIALS INST [KR]	H01M8/04; H01M8/24	AN INNER AND OUTER COMBINE DEVICE FOR A FUEL CELL

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KR101044619B B1 20110629	KR20100049428 20100527	KOREA MACH & MATERIALS INST [KR]	H01M8/04; G01R31/36	A CLOSED LOOP TYPE FUEL CELL SYSTEM HAVING A REMOVER FOR UNREACTED MATTER
KR20110032395 A 20110330	KR20090089862 20090923	KOREA RES INST CHEM TECH [KR]	H01M4/90; B01J37/08; B01J37/16; H01M8/10	METHOD FOR PREPARING CATHODE PTFE/C CATALYSTS FOR FUEL CELLS HAVING AN IMPROVED ACTIVITY
KR20110024497 A 20110309	KR20090082523 20090902	KOREA RES INST CHEM TECH [KR]	H01M4/92; B01J23/42; B01J37/16; H01M8/10	METHOD FOR PREPARING CATHODE PT/C CATALYSTS FOR FUEL CELLS HAVING AN IMPROVED ACTIVITY
KR20110073109 A 20110629	KR20090130278 20091223	KOREA RES INST CHEM TECH [KR]	H01M8/02; H01M8/10	POROUS SUBSTRATE WITH ENHANCED STRENGTH, REINFORCED COMPOSITE ELECTROLYTE MEMBRANE USING THE SAME, MEMBRANE-ELECTRODE ASSEMBLY HAVING THE SAME AND FUEL CELL HAVING THEM
KR20110072093 A 20110629	KR20090128892 20091222	KOREA RES INST CHEM TECH [KR]	C08J5/22; C08G61/12; H01M8/10	PROTON CONDUCTING POLYMER MEMBRANE CONTAINING PROTON CONDUCTING POLYMER SYNTHESIZED WITH DIFFERENT ALCOHOL MONOMER, MODIFICATION METHODS THEREOF, MEMBRANE-ELECTROLYTE ASSEMBLIES USING THE SAME AND FUEL CELL HAVING THEM
KR20110054607 A 20110525	KR20090111324 20091118	KOREA RES INST CHEM TECH [KR]	H01M8/10; C08J5/22	REINFORCED COMPOSITE ELECTROLYTE MEMBRANE AND MANUFACTURING METHOD THEREOF

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KR20110054503 A 20110525	KR20090111160 20091117	KOREA RES INST CHEM TECH [KR]	H01M8/10; H01M4/86	PROTON CONDUCTING POLYMER MEMBRANES USING HYBRID BLENDING PROTON CONDUCTING COPOLYMERS, MODIFICATION METHODS THEREOF, MEMBRANE-ELECTROLYTE ASSEMBLIES USING THE SAME AND FUEL CELL HAVING THEM
KR101032974B B1 20110509	KR20100075089 20100803	KOREA SOUTH POWER CO LTD [KR]	H01M8/14; F01K13/00; H01M8/04	MULTI-STEAM POWER STATION USING MOLTEN CARBONATE FUEL CELL
US2011081588 A1 20110407	US20100752101 20100331; US20090165430P 20090331	KORYTNIKOV KONSTANTIN [CA]	H01M8/04	METHOD AND APPARATUS FOR PEM FUEL CELL FREEZING PROTECTION
US2011117468 A1 20110519	US201113009263 20110119; US20070823602 20070628; US20060806099P 20060628	KRATSCHMAR KENNETH W [CA]; MIHAI RASVAN C [CA]; LEBOE DAVID A [CA]; FLAHERTY KENNETH M [CA]; CORLESS ADRIAN J [CA]	H01M8/04	PRESSURE RELIEF SYSTEM FOR A FUEL CELL SYSTEM HAVING A PRESSURIZED FUEL FLOW
JP2011091011 A 20110506	JP20090245906 20091026	KRI INC	H01M4/86; B01J31/28; H01M4/90; H01M8/02; H01M8/10	CATALYST-INTEGRATED PROTON CONDUCTION MEMBRANE
JP2011090974 A 20110506	JP20090245044 20091026	KRI INC	H01M8/16; C12N1/20; H01M4/90; H01M8/06	MICROORGANIC FUEL CELL

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JP2011103176 A 20110526	JP20090256615 20091110	KURARAY CO [JP]	H01M8/02; C08F297/04; C08J5/22; H01B1/06; H01M8/10	ELECTROLYTE LAMINATED FILM, MEMBRANE-ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
WO2011065460 A1 20110603	JP20090271018 20091130	KURARAY CO [JP]; YAMASHITA TAKETOMO [JP]; ONO TOMOHIRO [JP]; SHIMIZU KAZUYA [JP]; KUBO KEIJI [JP]; SUGOH NOZOMU [JP]	H01M8/02; H01B1/06; H01M8/10	POLYMER ELECTROLYTE, POLYMER ELECTROLYTE FILM, FILM-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
JP2011029020 A 20110210	JP20090174278 20090727	KUREHA CORP	H01B5/00; H01B1/06; H01B13/00; H01M4/86	PROTON CONDUCTIVE POLYMER FINE PARTICLE, METHOD OF MANUFACTURING THE SAME, AND APPLICATION OF THE SAME
JP2011003377 A 20110106	JP20090145021 20090618	KURIMOTO LTD	H01M8/02; H01M8/04; H01M8/10; H01M8/24	SOLID POLYMER ELECTROLYTE FUEL CELL
JP2011083755 A 20110428	JP20090240808 20091019	KURITA WATER IND LTD; KANSAI UNIV	B01J20/22; C01B3/00; C07C63/26; C07D213/53; C07F1/08; F17C11/00; H01M8/04	POROUS ORGANOMETALLIC COMPLEX FOR GAS OCCLUSION, GAS STORAGE METHOD AND GAS STORAGE DEVICE USING THE SAME, AND FUEL CELL SYSTEM USING THE GAS STORAGE DEVICE
JP2011029201 A 20110210	JP20100224921 20101004	KYOCERA CORP [JP]	H01M8/04	FUEL BATTERY AND METHOD OF OPERATING THE SAME
JP2011023368 A 20110203	JP20030399181 20031128; JP20100217205 20100928	KYOCERA CORP [JP]	H01M8/04; H01M8/06; H01M8/12; H01M8/24	FUEL CELL

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JP2011029117 A 20110210	JP20090176301 20090729	KYOCERA CORP [JP]	H01M8/04	FUEL CELL DEVICE
JP2011029116 A 20110210	JP20090176300 20090729	KYOCERA CORP [JP]	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2011029115 A 20110210	JP20090176297 20090729	KYOCERA CORP [JP]	H01M8/24; H01M8/04; H01M8/06	CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011029114 A 20110210	JP20090176295 20090729	KYOCERA CORP [JP]	H01M8/24; H01M8/04	FUEL CELL MODULE AND FUEL CELL DEVICE
JP2011029112 A 20110210	JP20090176245 20090729	KYOCERA CORP [JP]	H01M8/02; H01M8/04; H01M8/24	CELL STACK DEVICE OF FUEL CELL, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011009037 A 20110113	JP20090150686 20090625	KYOCERA CORP [JP]	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL CELL STACK DEVICE, FUEL CELL MODULE AND FUEL CELL DEVICE
JP2011009036 A 20110113	JP20090150684 20090625	KYOCERA CORP [JP]	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2011071131 A 20110407	JP20030362491 20031022; JP20100265352 20101129	KYOCERA CORP [JP]	H01M8/24; H01M8/02	FUEL CELL

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JP2011071092 A 20110407	JP20090196317 20090827; JP20100119344 20100525	KYOCERA CORP [JP]	H01M8/24; H01M8/04; H01M8/06	CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011070982 A 20110407	JP20090221861 20090928	KYOCERA CORP [JP]	H01M8/24; C01B3/38; H01M8/04; H01M8/06	CELL STACK DEVICE, FUEL CELL MODULE AND FUEL CELL DEVICE USING THE CELL STACK DEVICE
JP2011070981 A 20110407	JP20090221857 20090928	KYOCERA CORP [JP]	H01M8/04; F24H1/00; H01M8/00	FUEL-CELL COGENERATION SYSTEM
JP2011096433 A 20110512	JP20090247462 20091028	KYOCERA CORP [JP]	H01M8/04; H01M8/06; H01M8/24	CELL STACK DEVICE, FUEL BATTERY MODULE USING THE SAME, AND FUEL BATTERY DEVICE
JP2011096432 A 20110512	JP20090247460 20091028	KYOCERA CORP [JP]	H01M4/86; H01M8/02; H01M8/04; H01M8/12; H01M8/24	UNIT CELL OF FUEL CELL, CELL STACK DEVICE, FUEL CELL MODULE, AND FUEL CELL DEVICE
JP2011096422 A 20110512	JP20090247308 20091028	KYOCERA CORP [JP]	H01M8/04; H01M8/00	FUEL CELL COGENERATION SYSTEM
JP2011096421 A 20110512	JP20090247302 20091028	KYOCERA CORP [JP]	H01M8/24; H01M8/04	CELL STACK DEVICE, FUEL BATTERY MODULE, AND FUEL BATTERY DEVICE

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WO2011052692 A1 20110505	JP20090247303 20091028; JP20100074583 20100329; JP20100074585 20100329	KYOCERA CORP [JP]; FUJIMOTO TETSUROU [JP]; HORI YUUICHI [JP]; IWAMOTO TAKAYUKI [JP]	H01M8/02; H01M8/12	FUEL CELL, CELL STACK, FUEL CELL MODULE, AND FUEL CELL DEVICE
WO2011013758 A1 20110203	JP20090176296 20090729	KYOCERA CORP [JP]; ONO TAKASHI [JP]; NAKAMURA MITSUHIRO [JP]; TAKAHASHI NARUTO [JP]	H01M8/04	FUEL CELL DEVICE
WO2011037258 A1 20110331	JP20090221860 20090928; JP20090247307 20091028	KYOCERA CORP [JP]; ONO TAKASHI [JP]; NAKAMURA MITSUHIRO [JP]; TAKAHASHI NARUTO [JP]	H01M8/04	FUEL CELL DEVICE
WO2011078341 A1 20110630	JP20090293386 20091224	KYOCERA CORP [JP]; SUDA KAZUYOSHI [JP]; KOYAMA AKIRA [JP]	H01M8/04; H01M8/00; H01M8/10; H04M1/02	PORTABLE ELECTRONIC APPARATUS
WO2011016014 A2 20110210	IT2009TO00626 20090807	LAM BA ENGINEERING & CONSULTING S R L [IT]; CELANI FRANCESCO [IT]; NAKAMURA MISA [IT]; MARINI PAOLO [IT]; DI STEFANO VITTORIO [IT]	B01J21/08; B01J23/755; B01J23/89; C01B3/00; H01M4/38; H01M8/04	NANOSTRUCTURED THIN LAYERS HAVING HIGH CATALYTIC ACTIVITY ON SURFACES OF NICKEL AND ITS ALLOYS AND A PROCESS FOR OBTAINING THEM
HK1075265 A1 20110211	CA20032438024 20030814	LANXESS INC [CA]	A61L31/00; C08K5/14; C08L23/20; C08L23/22; H01M8/02	PEROXIDE CURABLE BUTYL FORMULATIONS

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EP2317590 A1 20110504	EP19990952592 19991015; DE19981048255 19981020; DE19991008532 19990228; WO1999EP07855 19991015	LECLANCHE LITHIUM GMBH [CH]	C08K3/00; C08L101/00; C08L101/10; H01M4/06; H01M4/13; H01M4/139; H01M4/32; H01M4/62; H01M6/18; H01M6/40; H01M8/02; H01M8/10; H01M8/18; H01M10/04	PASTY MATERIALS COMPRISING INORGANIC FLUID CONDUCTORS AND LAYERS AND ELECTROCHEMICAL COMPONENTS MADE THEREFROM
US2011027685 A1 20110203	KR20090069591 20090729	LEE EON SOON [KR]; JANG JAE HYUK [KR]	H01M8/10; H01M8/00	FUEL CELL COMPRISING MULTI-TUBULAR SUPPORT
US2011059388 A1 20110310	KR20090085540 20090910; KR20090086620 20090914	LEE EON SOON [KR]; JANG JAE HYUK [KR]; GIL JAE HYOUNG [KR]; MIN KYONG BOK [KR]; KIM SUNG HAN [KR]; LEE HONG RYUL [KR]	H01M8/10	SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL BUNDLE
US2011097631 A1 20110428	KR20080057996 20080619; KR20090015436 20090224; WO2009KR03185 20090615	LEE HAIWON [KR]; LEE TAE-JAE [KR]; SEO JUNG-EUN [KR]	H01M8/02; B32B3/10; B32B3/30; H01L21/04; H01L29/66; H01L31/02; H01L31/04	ORGANIC/INORGANIC COMPOSITE COMPRISING THREE-DIMENSIONAL CARBON NANOTUBE NETWORKS, METHOD FOR PREPARING THE ORGANIC/INORGANIC COMPOSITE AND ELECTRONIC DEVICE USING THE ORGANIC/INORGANIC COMPOSITE
KR101010236B B1 20110121	KR20100099707 20101013	LEE JUNG YONG [KR]; LEOMOTORS INC [KR]	H01M12/06; B01D35/00; B60L11/18; H01M8/02	ZINC-AIR FUEL CELL ASSEMBLY



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KR101010235B B1 20110121	KR20100099706 20101013	LEE JUNG YONG [KR]; LEOMOTORS INC [KR]	H01M12/06; B60L11/18; H01M8/02	ZINC-AIR FUEL CELL ASSEMBLY
US2011111328 A1 20110512	US20100877700 20100908; KR20030054098 20030805; US20040565887 20040805; WO2004KR01969 20040805	LEE SANG HYUN [KR]; KIM HYUK NYUN [KR]; MOON GO YOUNG [KR]; CHUNG HA CHULL [KR]; PARK KYOUNG IL [KR]; SONG SEONG MIN [KR]	H01M8/10; H01M4/86; H01M4/88	HYBRID MEMBRANE-ELECTRODE ASSEMBLY WITH MINIMAL INTERFACIAL RESISTANCE AND PREPARATION METHOD THEREOF
KR20110007514 A 20110124	KR20090065067 20090716	LEE YONG HYEON [KR]; HONG SUNG KOOK [KR]; YOO SEUNG RYEOL [KR]	H01M8/04; B01J23/42; C23C14/35	APPARATUS AND METHOD FOR COATING OF PLATINUM CATALYSTS FOR FUEL CELL
WO2011074905 A2 20110623	KR20090126591 20091218; KR20100118698 20101126	LG CHEMICAL LTD [KR]; KIM HYUK [KR]; CHOI SEONG HO [KR]; SUNG KYUNGA [KR]; LEE SANGWOO [KR]; NOH TAE GEUN [KR]; KIM JI SOO [KR]	H01M8/02; B82B3/00; H01M8/10	MACROMOLECULAR ELECTROLYTE MEMBRANE FOR A FUEL CELL, AND A MEMBRANE ELECTRODE BINDER MATERIAL AND A FUEL CELL COMPRISING THE SAME
KR20110029535 A 20110323	KR20090087246 20090915	LG CHEMICAL LTD [KR]; SNU R&DB FOUNDATION [KR]	H01M8/10; H01M4/86	POLYBENZIMIDAZOLE-BASED FILM WITH HYDRAZINIUM SULFATE AND MEMBRANE FOR FUEL CELL COMPRISING THE SAME
WO2011045000 A1 20110421	DE200910049043 20091012	LI TEC BATTERY GMBH [DE]; MEINTSCHEL JENS [DE]; HOHENTHANNER CLAUS-RUPERT [DE]; MIKUS HOLGER [DE]; SCHAEFER TIM [DE]	H01M8/24; H01M8/02; H01M10/0585	CELL BLOCK HAVING LATERAL SUPPORT OF THE CELLS

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WO2011050930 A1 20110505	DE200910051216 20091029	LI TEC BATTERY GMBH [DE]; SCHAEFER TIM [DE]; GUTSCH ANDREAS [DE]	H01M6/50; H01M8/04; H01M10/50	ELECTROCHEMICAL ENERGY STORE, AND METHOD FOR THERMALLY STABILIZING AN ELECTROCHEMICAL ENERGY STORE
DE102009050309 A1 20110428	DE200910050309 20091022	LIEBHERR AEROSPACE GMBH [DE]	H01M8/04; B64D13/08; B64D47/00	EMERGENCY POWER SYSTEM FOR AIRCRAFT, HAS FUEL CELL UNIT FOR GENERATING ELECTRICITY, WHERE FUEL CELL UNIT IS COOLED BY USING COOLING CYCLE ENCOMPASSING HEAT EXCHANGER
US2011117455 A1 20110519	TW20090138977 20091117	LIN WEN-PIN [TW]	H01M12/06; H01M8/20	METAL-AIR FUEL CELL MODULE
WO2011042158 A1 20110414	DE200910048455 20091007	LINDE AG [DE]; BASF SE [DE]; MAASS HANS-JUERGEN [DE]; STUBINITZKY ALEXANDER [DE]; MOSTERTZ MATTHIAS [DE]; MACHHAMMER OTTO [DE]; BRAEUNINGER SIGMAR [DE]	C25B1/04; H01M8/04; H01M8/06	METHOD AND DEVICE FOR STORING ELECTRICAL ENERGY

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WO2011020560 A1 20110224	DE200910037883 20090818	LINDE AG [DE]; MAASS HANS-JUERGEN [DE]; GOEKE VOLKER [DE]; OPFERMANN ANDREAS [DE]; MACHHAMMER OTTO [DE]; BRAEUNINGER SIGMAR [DE]; SZARVAS LASZLO [DE]; HUBER GUENTHER [DE]; GERHARD DIRK [DE]	H01M8/04; H01M8/06	METHOD AND DEVICE FOR GENERATING ELECTRIC ENERGY
US2011104474 A1 20110505	US20100924751 20101004; US20040970685 20041021; US20040613769P 20040928	LIU HAN [US]; MITTELSTEADT CORTNEY K [US]; NORMAN TIMOTHY J [US]; GRIFFITH ARTHUR E [US]; LACONTI ANTHONY B [US]	H01M8/10; B05D3/00; B05D3/06; B05D3/10; B05D3/12; B05D5/12; B32B3/26; C25B13/08; H01B13/00	SOLID POLYMER ELECTROLYTE COMPOSITE MEMBRANE COMPRISING A POROUS SUPPORT AND A SOLID POLYMER ELECTROLYTE INCLUDING A DISPERSED REDUCED NOBLE METAL OR NOBLE METAL OXIDE
WO2011031325 A2 20110317	US20100878844 20100909; US20090242247P 20090914	LOS ALAMOS NAT SECURITY LLC [US]; KIM YU SEUNG [US]; KIM DAE SIK [US]; LEE KWAN-SOO [US]	B01J41/12; H01M8/10	ANION EXCHANGE POLYMER ELECTROLYTES
CN102005627 A 20110406	CN20101501374 20100930	MA RUNZHI;SHI HUI;SHI JIAN;ZHANG XUEGUO;CHENG BINGYE	H01M12/06; H01M8/04	ALUMINUM AND MAGNESIUM ALLOY FUEL BATTERY CAPABLE OF REPLACING FUEL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102025006 A 20110420	CN20101525700 20101027	MA RUNZHI;SHI JIAN;SHI HUI;ZHANG XUEGUO;CHENG BINGYE	H01M12/06; H01M8/04; H01M8/24	FUEL CELL DEVICE CAPABLE OF QUICKENING AIR FLOW ON CATHODE SURFACE
WO2011010961 A1 20110127	SE20090001010 20090720	MAANBAS ALPHA AB [SE]; STENMARK LARS [SE]	H01M8/02; H01M8/04	A MEMBRANE-LESS FUEL CELL
US2011050158 A1 20110303	US20090654049 20091209; US20090239112P 20090902; US20090169915P 20090416	MACDONALD R IAN [CA]; TEITELBAUM NEIL [CA]	H01M8/04; H01M8/06	SYSTEM FOR STORING ELECTRICAL ENERGY
DE102009037080 A1 20110224	DE200910037080 20090813	MANN & HUMMEL GMBH [DE]	F25B43/00; B60K11/02; F01P11/02; H01M8/04	COOLING DEVICE, PREFERABLY FUEL CELL SYSTEM USED FOR FUNCTIONAL SYSTEM, PARTICULARLY MOTOR VEHICLE, COMPRISES LINE SYSTEM FOR COOLING FLUID CONNECTED TO FUNCTIONAL SYSTEM FOR COOLING
WO2011018508 A1 20110217	DE200910037080 20090813; DE200910049427 20091014	MANN & HUMMEL GMBH [DE]; DAIMLER CHRYSLER AG [DE]; BEYLICH MARKUS [DE]; FASOLD MICHAEL [DE]; TEUSCHEL PETER [DE]; SCHWIENBACHER WOLFGANG [DE]; KOCH CHRISTOPH [DE]	H01M8/04; B01J47/02	COOLING DEVICE FOR A FUNCTIONAL SYSTEM
US2011003226 A1 20110106	US20100828223 20100630; US20050067463 20050224; US20040547618P 20040224	MARKOSKI LARRY J [US]; NATARAJAN DILIP [US]; PRIMAK ALEX [US]	H01M8/04; H01B1/24; H01M4/86; H01M4/88; H01M8/02; H01M8/24	FUEL CELL APPARATUS AND METHOD OF FABRICATION

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011008713 A1 20110113	US20100813432 20100610; US20050228453 20050915; US20040610281P 20040915	MARKOSKI LARRY J [US]; NATARAJAN DILIP [US]; PRIMAK ALEX [US]	H01M8/04	ELECTROCHEMICAL CELLS
US2011094894 A1 20110428	US20090606158 20091026	MASON DENNIS B [US]	C25B1/02; B01J19/00; C25B9/00; F02B43/00; H01M8/18	GENERATION OF HYDROGEN ON DEMAND
WO2011008275 A2 20110120	US20090225259P 20090714	MASSACHUSETTS INST TECHNOLOGY [US]; UT BATTELLE LLC [US]; LA O' GERARDO JOSE [US]; AHN SUNG JIN [US]; CRUMLIN ETHAN J [US]; SHAO-HORN YANG [US]; CHRISTEN HANS M [US]; BIEGALSKI MICHAEL D [US]	H01M8/12; C01F11/02; C01F17/00; C01G51/04; H01M8/02	SYSTEMS AND METHODS FOR ENHANCING THE SURFACE EXCHANGE OF OXYGEN
US2011076593 A1 20110331	JP20090223358 20090928	MATSUDA HIROAKI [JP]; AKIYAMA TAKASHI [JP]	H01M8/10	DIRECT OXIDATION FUEL CELL
US2011076595 A1 20110331	JP20090223359 20090928	MATSUDA HIROAKI [JP]; AKIYAMA TAKASHI [JP]	H01M8/10	DIRECT OXIDATION FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011081586 A1 20110407	US20100857541 20100816; US20100707651 20100217; WO2010US24497 20100217; US20100707653 20100217; WO2010US24498 20100217; US20100707656 20100217; WO2010US24499 20100217; US20090153253P 20090217; US20090237476P 20090827; US20100304403P 20100213	MCALISTER TECHNOLOGIES LLC [US]	H01M8/06	SYSTEMS AND METHODS FOR SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH INTEGRATED FULL SPECTRUM PRODUCTION OF RENEWABLE ENERGY
US2011070510 A1 20110324	US20100857554 20100816; US20100707651 20100217; WO2010US24497 20100217; US20100707653 20100217; US20100707656 20100217; WO2010US24499 20100217; WO2010US24498 20100217; US20100304403P 20100213; US20090153253P 20090217; US20090237476P 20090827	MCALISTER TECHNOLOGIES LLC [US]	H01M8/06; C01B3/24; C01B31/02; C25B1/00; C25B3/00; C25B9/00	SYSTEMS AND METHODS FOR SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH INTEGRATED FULL SPECTRUM PRODUCTION OF RENEWABLE MATERIAL RESOURCES USING SOLAR THERMAL
US2011143236 A1 20110616	US20100970498 20101216; US20090286930P 20091216	MCCUE GEOFFREY [US]	H01M8/06; F02B65/00; H02J7/00; H02K7/18; H02N2/18	HYDROGEN ENGINE
US2011117459 A1 20110519	US201113011206 20110121; US20080173741 20080715	MCGILL BRUCE [US]	H01M8/06; C25B1/02	APPARATUS, SYSTEM, AND METHOD FOR PRODUCING ENERGY USING A STREAM OF LIQUID ALKALI METAL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011117450 A1 20110519	US20090590814 20091116	MCWHORTER EDWARD MILTON [US]	H01M8/04	ELECTROLYTIC DIFFUSION FUEL CELL
JP2011025240 A 20110210	AU2002PR09817 20020104	MEGGITT UK LTD	B01J19/00; B01J8/02; B01J19/24; C01B3/38; C01B3/48; H01M8/06; H01M8/10	CHEMICAL REACTOR
US2011136046 A1 20110609	WO2008US76577 20080917	MERZOUGUI BELABES [US]; SHAO MINHUA [US]; PROTSILO LESIA V [US]	H01M4/38; B05D5/00; H01M4/58; H01M8/00	FUEL CELL CATALYST SUPPORT WITH FLUORIDE-DOPED METAL OXIDES/PHOSPHATES AND METHOD OF MANUFACTURING SAME
NL2003250C C 20110124	NL20092003250 20090720	METAL MEMBRANES COM B V [NL]	B01D67/00; B01D71/02; C25D11/02; H01M8/22	METHOD FOR PRODUCING A MEMBRANE AND SUCH MEMBRANE.
WO2011036236 A2 20110331	FR20090004594 20090925	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]; PAGANELLI GINO [CH]	H01M8/04; C25B1/10; C25B15/02; G01N25/18; H01M8/24	ELECTROCHEMICAL REACTOR, SUCH AS A FUEL CELL OR AN ELECTROLYZER, PROVIDED WITH A DEVICE FOR MEASURING A PARAMETER OF A GAS SPECIFIC TO THE OPERATION OF SAID REACTOR
WO2011051341 A1 20110505	FR20090057646 20091030	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]; PAGANELLI GINO [CH]	H01M8/04	METHOD FOR DETECTING THE PERMEABILITY STATE OF THE ION EXCHANGER POLYMER MEMBRANE OF A FUEL CELL
WO2011051340 A1 20110505	FR20090057645 20091030	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]; PAGANELLI GINO [CH]	H01M8/04; H01M8/10	METHOD FOR DETECTING THE SEALED STATE OF A FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011051338 A1 20110505	FR20090057644 20091030	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]; PAGANELLI GINO [CH]	H01M8/04	FUEL CELL AND METHOD FOR STOPPING A FUEL CELL
WO2011071971 A1 20110616	US20090285109P 20091209	MICHIGAN MOLECULAR INST [US]; HUCUL DENNIS A [US]; HARTMANN-THOMPSON CLAIRE [US]	H01M8/00; B01J31/00	FUEL CELLS WITH IMPROVED DURABILITY
US2011033770 A1 20110210	KR20090072003 20090805	MIN KYONG BOK [KR]; JANG JAE HYUK [KR]; KIM SUNG HAN [KR]	H01M8/10	FUEL CELL STACK HAVING SINGLE BODY SUPPORT
US2011065022 A1 20110317	KR20090086589 20090914	MIN KYONG BOK [KR]; JANG JAE HYUK [KR]; RYU HAN WOOL [KR]; KIM SUNG HAN [KR]	H01M8/10	SOLID OXIDE FUEL CELL
WO2011053739 A1 20110505	US20090256712P 20091030	MINE SAFETY APPLIANCES CO [US]	G01N27/49; H01M2/10; H01M8/24	SENSOR COMPRISING VENT MEMBER
JP2011071122 A 20110407	US19970948627 19971010	MINNESOTA MINING & MFG	H01M4/86; H01M8/02; C25B9/10; H01B1/22; H01B1/24; H01B13/00; H01M4/88; H01M8/10	MEMBRANE ELECTRODE ASSEMBLIES
JP2011040339 A 20110224	JP20090189093 20090818	MITSUBISHI GAS CHEMICAL CO	H01M8/04; H01M8/06	OPERATING METHOD FOR FUEL CELL



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JP2011023304 A 20110203	JP20090169302 20090717	MITSUBISHI HEAVY IND LTD	H01M8/04; H01M8/00; H01M8/06; H01M8/12	COMBINED POWER GENERATION SYSTEM
JP2011014497 A 20110120	JP20090159836 20090706	MITSUBISHI HEAVY IND LTD	H01M8/04; H01M8/06	FUEL CELL
JP2011011965 A 20110120	JP20090159835 20090706	MITSUBISHI HEAVY IND LTD	C01B13/02; C01B3/08; H01M8/00; H01M8/04; H01M8/06	HYDROGEN AND OXYGEN GENERATOR AND FUEL CELL SYSTEM USING THE SAME
JP2011080490 A 20110421	JP20090230673 20091002	MITSUBISHI HEAVY IND LTD	F17C7/04; B60K15/03; B60P3/00; B60P3/22; F17C5/06; H01M8/00; H01M8/06	MOBILE HYDROGEN SUPPLY STATION
JP2011040386 A 20110224	JP20010311549 20011009; JP20100178743 20100809	MITSUBISHI RAYON CO [JP]	H01M4/96; D21H13/50	POROUS CARBON ELECTRODE BASE MATERIAL FOR FUEL CELL
JP2011006824 A 20110113	JP20090153961 20090629	MITSUBISHI RAYON CO [JP]	D01F9/32; C01B31/02; D21H13/50; H01M4/88; H01M8/10	METHOD FOR CONTINUOUSLY PRODUCING POROUS CARBON ELECTRODE SUBSTRATE WITH LITTLE WAVINESS AND WARPAGE
WO2011004853 A1 20110113	JP20090161694 20090708	MITSUBISHI RAYON CO [JP]; SUMIOKA KAZUHIRO [JP]; SAKO YOSHIHIRO [JP]	H01M4/88; D21H13/50; H01M8/10	POROUS ELECTRODE BASE MATERIAL, AND PROCESS FOR PRODUCTION THEREOF

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WO2011065327 A1 20110603	JP20090266331 20091124	MITSUBISHI RAYON CO [JP]; SUMIOKA KAZUHIRO [JP]; SAKO YOSHIHIRO [JP]	H01M4/96; H01M4/88; H01M8/10	POROUS ELECTRODE BASE MATERIAL, PROCESS FOR PRODUCTION THEREOF, PRECURSOR SHEET, FILM-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
WO2011065349 A1 20110603	JP20090266278 20091124; JP20100157824 20100712	MITSUBISHI RAYON CO [JP]; SUMIOKA KAZUHIRO [JP]; TATSUNO HIROTO [JP]	H01M4/88; B01J23/42; H01M4/96; H01M8/10	POROUS ELECTRODE BASE MATERIAL AND PROCESS FOR PRODUCTION THEREOF
US2011053034 A1 20110303	JP20070155769 20070612; WO2008JP60654 20080611	MITSUMI HITOSHI [JP]; SONOBE KENJI [JP]; RYU ILHYONG [JP]; FUKUYAMA TAKAHIDE [JP]	H01M8/14; B01F1/00; H01G9/035; H01M10/056	IONIC LIQUID AND METHOD FOR PRODUCING THE SAME
WO2011016064 A1 20110210	WO2009IT00363 20090805	MORPHIC EXERGY SRL [IT]; D ANZI ANGELO [IT]; MANDURINO PIETRO [IT]; CUFALO GIOVANNI [IT]	B01J8/00; C01B6/24; H01M8/04; H01M8/06	HYDROGEN GENERATOR PARTICULARLY FOR SUPPLYING FUEL CELLS AND THE LIKE
US2011053018 A1 20110303	US20100829316 20100701; US20090236943P 20090826	MORSE JEFFREY D [US]; UPADHYE RAVINDRA S [US]; SPADACCINI CHRISTOPHER M [US]; PARK HYUNG GYU [CH]	H01M8/06; H01M8/00; H01M8/02; H01M8/04	HIGH POWER DENSITY FUEL CELL
KR20110067943 A 20110622	KR20090124736 20091215	MOTONIC CORP [KR]	H01M8/04; B60L11/18	AIR SHUT OFF VALVE FOR FUEL CELL ELECTRIC VEHICLE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
EP2339336 A2 20110629	EP20030788331 20030806; US20020218262 20020814	MST TECHNOLOGY GMBH [DE]	G01N27/26; C07C211/62; G01N27/403; G01N33/00; H01M8/00; H01M8/14	ELECTROCHEMICAL CELLS WITH IONIC LIQUID AS GAS SENSOR OR FUEL CELL
US2011033771 A1 20110210	DE200610036849 20060807; DE200610047823 20061010; WO2007EP06804 20070801	MTU ONSITE ENERGY GMBH [DE]	H01M8/14; H01M8/00	ELECTRODE FOR MOLTEN CARBONATE FUEL CELL AND METHOD FOR ITS PRODUCTION
DE102009055664 B3 20110105	DE200910055664 20091125	MTU ONSITE ENERGY GMBH [DE]	H01M8/24; H01M8/02	FUEL CELL ASSEMBLY COMPRISES FUEL CELL, END PLATE AND U-SEAL WHICH IS ARRANGED AT END PLATE IN CROSS SECTION, SUCH THAT U-LIMB OF U-SEAL, IS PROVIDED BETWEEN END PLATE AND FUEL CELL
DE102009055662 B3 20110105	DE200910055662 20091125	MTU ONSITE ENERGY GMBH [DE]	H01M8/24; H01M8/02	FUEL CELL ASSEMBLY COMPRISES END PLATE, TRANSVERSE SEAL AND FUEL CELL WHICH IS ARRANGED ADJACENT TO IT IN LONGITUDINAL DIRECTION, WHERE DISTANCE PIECE IS PUSHED BY RESILIENT PRESSURE ELEMENT AGAINST VERTICAL SUPPORTING PROJECTION
DE102009034580 A1 20110203	DE200910034580 20090724	MTU ONSITE ENERGY GMBH [DE]	H01M8/06	ENERGY SUPPLYING DEVICE, HAS OIL CIRCUIT WITH HEAT EXCHANGER DEVICE, ANOTHER HEAT EXCHANGER DEVICE FOR DELIVERY OF HEAT TO POTASH CIRCUIT AND THIRD HEAT EXCHANGER DEVICE FOR TRANSMISSION OF HEAT FROM OIL CIRCUIT TO CONDITIONING UNIT

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DE102009057339 A1 20110609	DE200910057339 20091207	MTU ONSITE ENERGY GMBH [DE]	H01M8/04	GAS DISTRIBUTOR DEVICE
DE102010006705 B3 20110414	DE201010006705 20100202	MTU ONSITE ENERGY GMBH [DE]	H01M8/02	BRENNSTOFFZELLENANORDNUNG
DE102009057966 A1 20110616	DE200910057966 20091211	MTU ONSITE ENERGY GMBH [DE]	H01M8/02	METHOD FOR LOADING CURRENT COLLECTOR OF FUEL CELL WITH AQUEOUS SUSPENSION OF CATALYST POWDER, INVOLVES EXTRUDING CATALYST MATERIAL THROUGH NOZZLE, AND APPLYING CATALYST MATERIAL IN FORM OF INDIVIDUAL CATALYST PELLETS ON CURRENT COLLECTOR
DE102009051890 A1 20110505	DE200910051890 20091104	MTU ONSITE ENERGY GMBH [DE]	H01M8/02	CURRENT COLLECTOR I.E. ANODE CURRENT COLLECTOR, FOR E.G. ELECTRICAL CONTACTING OF ANODE AND CATHODE OF FUEL CELLS, HAS SUPPORT SURFACES COMPRISING GREATER EXTENSION IN WAVE DIRECTION THAN OTHER SUPPORT SURFACES

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011069632 A1 20110616	DE200910057965 20091211; DE201010008304 20100217	MTU ONSITE ENERGY GMBH [DE]; BEDNARZ MARC [DE]; KIESLINGER STEFAN [DE]; KUHN HOLGER [DE]; OTTMANN NORBERT [DE]; WUERTENBERGER UWE [DE]	H01M8/02; H01M8/06; H01M8/14	METHOD AND DEVICE FOR CHARGING A CURRENT COLLECTOR OF A FUEL CELL WITH CATALYST MATERIAL
WO2011069634 A1 20110616	DE200910057967 20091211; DE201010008303 20100217	MTU ONSITE ENERGY GMBH [DE]; BEDNARZ MARC [DE]; KIESLINGER STEFAN [DE]; LEBSANFT MARTIN [DE]	H01M4/88; B01J37/00; B01J37/02; H01M4/86; H01M8/02; H01M8/06	METHOD FOR CHARGING A PLANAR COMPONENT OF A FUEL CELL WITH CATALYST MATERIAL, AND SUITABLE CATALYST MATERIAL
WO2011018202 A2 20110217	DE200910037425 20090813; DE200910050435 20091022	MTU ONSITE ENERGY GMBH [DE]; BEDNARZ MARC [DE]; PAULUS-RODATZ URSULA [DE]; STROEHL HELGA [DE]	H01M4/86; H01M4/88; H01M8/14	ELECTRODE FOR A MOLTEN CARBONATE FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF
WO2011069633 A1 20110616	DE200910057964 20091211; DE201010008305 20100217	MTU ONSITE ENERGY GMBH [DE]; KIESLINGER STEFAN [DE]	H01M8/02; H01M8/06	CURRENT COLLECTOR FOR A FUEL CELL AND METHOD FOR CHARGING THE CURRENT COLLECTOR WITH CATALYST MATERIAL
WO2011063930 A1 20110603	DE200910055664 20091125; DE201010047737 20101008; DE201010047736 20101008	MTU ONSITE ENERGY GMBH [DE]; TENKLER ANTON [DE]; WAGNER WOLFGANG [DE]	H01M8/24; H01M8/02	FUEL CELL ASSEMBLY
US2011151348 A1 20110623	JP20050011244 20050119; JP20050225468 20050803; WO2006JP300266 20060112	MURAKAMI NAOYA [JP]; KOTANI TAKAFUMI [JP]; KOMADA NORIKAZU [JP]	H01M8/24	FLAT PLATE LAMINATED TYPE FUEL CELL AND FUEL CELL STACK

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WO2011040875 A1 20110407	SE20090050724 20091002	MYFC AB [SE]; LUNDBLAD ANDERS [SE]; PERSSON LARS [SE]; LOEVGREN TOMMY [SE]; HULTBERG OLA [SE]; KARLSSON DANIEL [SE]	H01M8/02; B23K11/11; H01M8/24	FUEL CELL ASSEMBLY
KR20110034776 A 20110406	KR20090092208 20090929	MYONGJI UNIV IND & ACAD COOP [KR]	H02M3/137; H01M8/04	A POWER CONVERSION DEVICE FOR FUEL CELL
US2011129755 A1 20110602	JP20090270537 20091127	NAGASAKI TERUMASA [JP]	H01M8/04; F15D1/02	POWER SUPPLY DEVICE AND PRESSURE REGULATOR
US2011014531 A1 20110120	TW20090124380 20090720	NAN YA PCB CORP [TW]	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND FUEL SUPPLY METHOD THEREOF
US2011129748 A1 20110602	TW20090140955 20091201	NAN YA PCB CORP [TW]	H01M8/04	OPERATIONAL METHOD OF FUEL CELL
CN101989659 A 20110323	CN20091160322 20090807	NAN YA PCB CORP [TW]	H01M8/00; H01M8/04; H01M8/10	FUEL CELL SYSTEM AND FUEL SUPPLEMENTING METHOD THEREOF
US2011159401 A1 20110630	TW20090145462 20091229	NAN YA PCB CORP [TW]	H01M8/10	DIRECT METHANOL FUEL CELL STRUCTURE

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JP2011071102 A 20110407	TW20090131901 20090922	NAN YA PRINTED CIRCUIT BOARD CORP [TW]	H01M8/02; H01M8/24	FUEL CELL STRUCTURE
CN101962232 A 20110202	CN20101518598 20101026	NANJING INSTITUTE OF GEOGRAPHY & LIMNOLOGY	C02F3/34; H01M8/16	SEDIMENT MICROORGANISM ELECTROCHEMICAL DEVICE AND APPLICATION THEREOF
WO2011057341 A1 20110519	AU20090905532 20091111; AU20100901022 20100311; AU20100902509 20100608	NANO NOUVELLE PTY LTD [AU]; EDWARDS GEOFFREY ALAN [AU]	B01D67/00; B01D63/08; B01D69/06; H01M8/10	POROUS MATERIALS
US2011081585 A1 20110407	US20100897727 20101004; US20090248470P 20091004	NANOMATERIALS DISCOVERY CORP [US]	H01M8/06; H01M8/22	PROCESS FOR CO-PRODUCTION OF POWER AND CARBOXYLIC ACIDS
US7862946 B1 20110104	US20070671210 20070205	NASA [US]	H01M8/04	SELF-REGULATING CONTROL OF PARASITIC LOADS IN A FUEL CELL POWER SYSTEM
AT505231T T 20110415	JP20020007972 20020805	NAT CEREBRAL AND CARDIOVASCULAR CT [JP]; FUJIKIN KK [JP]	A61N1/365; A61N1/362; A61N1/372; H01M8/08; H01M8/18	VERTEILTES HERZSCHRITTSYSTEM
JP2011031215 A 20110217	JP20090182313 20090805	NAT INST OF ADVANCED IND SCIEN [JP]	B01J23/89; C01B3/04; H01M8/06	CATALYST FOR HYDROGEN GENERATION, AND HYDROGEN GENERATION METHOD
JP2011005461 A 20110113	JP20090153927 20090629	NAT INST OF ADVANCED IND SCIEN [JP]	B01J21/16; C01B3/54; H01M8/06; H01M8/10	CATALYST FOR SELECTIVELY OXIDIZING CARBON MONOXIDE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011009144 A 20110113	JP20090153645 20090629	NAT INST OF ADVANCED IND SCIEN [JP]	H01M4/88; C04B38/00; C04B41/87; H01M8/02; H01M8/12	METHOD FOR MANUFACTURING SOLID OXIDE ELECTROCHEMICAL CELL
JP2011080495 A 20110421	JP20090231123 20091005	NAT INST OF ADVANCED IND SCIEN [JP]	F17C5/06; F17C13/00; F28D7/10	HYDROGEN HEAT EXCHANGER FOR HYDROGEN FILLING SYSTEM
JP2011096617 A 20110512	JP20090252492 20091102	NAT INST OF ADVANCED IND SCIEN [JP]	H01M8/02; B01J23/10; H01M4/86; H01M8/12	TUBE TYPE ELECTROCHEMICAL CELL WITH ADDED CATALYST LAYER AND ELECTROCHEMICAL REACTION SYSTEM COMPOSED OF THE ABOVE
US2011129743 A1 20110602	JP20090274513 20091202; JP20100121565 20100527	NAT INST OF ADVANCED IND SCIEN [JP]	H01M8/06; B01J23/89; C01B3/02	CATALYST FOR GENERATING HYDROGEN AND METHOD FOR GENERATING HYDROGEN
KR20110037316 A 20110413	KR20090094710 20091006	NAT UNIV HANBAT INDUSTRY [KR]	H01M8/04; H01M8/06; H01M8/12; H01M8/14	FUEL CELL COMBINED POWER SYSTEM COMPRISING CARBON STEAM REFORMER
KR20110032532 A 20110330	KR20090090070 20090923	NAT UNIV HANBAT INDUSTRY [KR]	H01M8/04; C10B47/02; C10K1/32; F26B3/00	FUEL CELL COMBINED POWER SYSTEM USING WASTE GASIFICATION PROCESS
EP2279054 A2 20110202	WO2009IE00016 20090408; US20080071392P 20080425; IE20080000326 20080425; US20080136809P 20081006	NAT UNIV IRELAND [IE]	B22F1/00; C09D11/00; H01L31/02; H01L31/0224; H01M4/88; H01M8/00	AN INK COMPRISING NANOSTRUCTURES



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011065483 A1 20110603	JP20090270890 20091129	NAT UNIVERSITY CORP TOYOHASHI UNIVERSITY OF TECHNOLOGY [JP]; MATSUDA ATSUNORI [JP]; OH SONG-YUL [JP]; YOSHIDA TOSHIHIRO [JP]; KAWAMURA GO [JP]; HAMAGAMI JUNICHI [JP]; SAKAI MOTOTSUGU [JP]	H01M8/02; C08G73/18; C08J5/22; H01B1/06; H01B13/00; H01M8/10	ELECTROLYTE MEMBRANE, FUEL CELL, AND METHOD FOR MANUFACTURING AN ELECTROLYTE MEMBRANE
WO2011004703 A1 20110113	JP20090160649 20090707	NEC CORP [JP]; MATSUMOTO MASASHI [JP]; IMAI HIDETO [JP]	B01J31/26; B01J31/28; B01J31/34; B01J31/38; H01M4/86; H01M4/90	OXYGEN REDUCTION CATALYST
US2011033776 A1 20110210	US20100853912 20100810; US20090232651P 20090810	NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF BOARD OF REGENTS; NEVADA RENO [US]	H01M8/10; C08G73/06	PROTON EXCHANGE MEMBRANES
JP2011011907 A 20110120	JP20090160252 20090706	NEWLONG SEIMITSU KOGYO CO LTD	B65H20/12; H01M4/88; H01M8/02	PRINTER, PRINTING METHOD FOR GAS PERMEABLE WORKPIECE AND PRINTING METHOD FOR CARBON PAPER FOR FUEL CELL
US2011104575 A1 20110505	US200913000627 20090625; US20080075685P 20080625; US20080098643P 20080919; WO2009CA00866 20090625	NEXTERRA SYSTEMS CORP [CA]	H01M8/16; C10J3/72	GENERATING CLEAN SYNGAS FROM BIOMASS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011014335 A 20110120	JP20090156525 20090701	NGK INSULATORS LTD [JP]	H01M8/02; C04B35/622; H01M4/86; H01M8/12	STACKED FIRED BODY AND METHOD OF MANUFACTURING THE SAME
EP2302719 A1 20110330	JP20090195071 20090826; JP20090242621 20091021; JP20100110707 20100513	NGK INSULATORS LTD [JP]	H01M2/20; H01M8/02	BONDING AGENT
JP2011099159 A 20110519	JP20090256574 20091109	NGK INSULATORS LTD [JP]	C23C26/00; C01G45/00; C01G51/00; H01M8/02; H01M8/12	COATING BODY
EP2320507 A1 20110511	JP20090256537 20091109	NGK INSULATORS LTD [JP]	H01M8/24; H01M8/02	BONDING MEMBER
WO2011077923 A1 20110630	JP20090291870 20091224	NGK INSULATORS LTD [JP]; KIMURA TAKUJI [JP]; YOSHIOKA KUNHIKO [JP]; OHMORI MAKOTO [JP]	H01M8/02; H01M8/12	METHOD FOR PRODUCING SOLID OXIDE FUEL CELL AND METHOD FOR PRODUCING DIVIDED SOLID OXIDE FUEL CELL MOLDED PRODUCT
WO2011036972 A1 20110331	JP20090219911 20090925	NGK INSULATORS LTD [JP]; OKAMOTO TAKU [JP]; OHMORI MAKOTO [JP]	H01M4/86; H01M4/88; H01M8/02; H01M8/12	CELL OF SOLID OXIDE FUEL CELL
WO2011074445 A1 20110623	JP20090284635 20091216	NGK INSULATORS LTD [JP]; OKAMOTO TAKU [JP]; OHMORI MAKOTO [JP]	H01M8/02; H01M4/86; H01M8/12	FUEL CELL AND SOLID OXIDE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011076890 A 20110414	JP20090227665 20090930	NGK SPARK PLUG CO [JP]	H01M8/24	FUEL CELL
JP2011076762 A 20110414	JP20090224595 20090929	NGK SPARK PLUG CO [JP]	H01M8/24	FUEL CELL STACK AND FUEL CELL
JP2011029190 A 20110210	JP20100185973 20100823	NICHIAS CORP [JP]	H01M8/02; B29C45/27	SEPARATOR FOR FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
CN102013501 A 20110413	CN20101535862 20101108	NINGBO INSTITUTE OF MATERIAL TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES	H01M8/02; H01M2/16; H01M8/10	ELECTROLYTE MEMBRANE, ELECTROCHEMISTRY DEVICE AND SOLID OXIDE FUEL CELL
CN101989664 A 20110323	CN20091100907 20090806	NINGBO INSTITUTE OF MATERIAL TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES	H01M8/10; H01M4/88; H01M8/02	METHOD FOR SYNTHESIZING NANO- POWDER USED FOR SOLID OXIDE FUEL CELL ON LARGE SCALE
JP2011082149 A 20110421	JP20090210845 20090911; JP20100198250 20100903	NIPPON CATALYTIC CHEM IND [JP]	H01M8/02; C04B35/622; H01M8/12	METHOD FOR MANUFACTURING SCANDIA-STABILIZED ZIRCONIA SHEET FOR SOLID OXIDE FUEL CELL AND SCANDIA-STABILIZED ZIRCONIA SHEET FOR SOLID OXIDE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011091028 A 20110506	JP20090220325 20090925; JP20100200431 20100908	NIPPON CATALYTIC CHEM IND [JP]	H01M8/04; H01M8/12	DEFECT DETECTION METHOD FOR FUEL CELL MATERIAL, METHOD OF CLASSIFYING FUEL CELL MATERIAL, AND METHOD OF MANUFACTURING UNIT CELL OF FUEL CELL
WO2011049202 A1 20110428	JP20090244876 20091023	NIPPON CATALYTIC CHEM IND [JP]; HATA KAZUO [JP]; AIKAWA NORIKAZU [JP]	C04B35/48; H01M8/02; H01M8/12	PROCESS FOR PRODUCTION OF SCANDIA- STABILIZED ZIRCONIA SHEET, SCANDIA- STABILIZED ZIRCONIA SHEET OBTAINED BY THE PROCESS, AND SCANDIA- STABILISED ZIRCONIA SINTERED POWDER
WO2011001909 A1 20110106	JP20090157809 20090702	NIPPON OIL CORP [JP]; HATADA SUSUMU [JP]	H01M8/04; C01B3/38; H01M8/06	METHOD FOR LOAD FOLLOW-UP OPERATION OF FUEL CELL SYSTEM
JP2011029062 A 20110210	JP20090175219 20090728	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/24	FUEL CELL SYSTEM
JP2011028942 A 20110210	JP20090172051 20090723	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK AND SEPARATOR
JP2011023172 A 20110203	JP20090165943 20090714	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/02	FUEL BATTERY CELL
JP2011018605 A 20110127	JP20090163568 20090710	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M4/86; H01M8/02; H01M8/10	FUEL CELL

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JP2011014376 A 20110120	JP20090157440 20090702	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
JP2011100564 A 20110519	JP20090252965 20091104	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011086519 A 20110428	JP20090239007 20091016	NIPPON SOKEN; TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	FUEL CELL STACK AND SEPARATOR
WO2011016465 A1 20110210	JP20090180885 20090803	NIPPON STEEL CORP [JP]; TANAKA KOKI [JP]; TAKAHASHI KAZUHIRO [JP]; KIHARA HIROSHI [JP]; TOKUNO KIYONORI [JP]	H01M8/02; H01M8/10	TITANIUM MATERIAL FOR SOLID POLYMER FUEL CELL SEPARATOR, AND PROCESS FOR PRODUCTION THEREOF
JP2011103243 A 20110526	JP20090258127 20091111	NIPPON STEEL MATERIALS CO LTD	H01M8/06; B01J23/46; B01J23/755; C01B3/40	CATALYST CONVERTER FOR FUEL CELL REFORMER HAVING EXCELLENT HIGH TEMPERATURE DURABILITY
JP2011003343 A 20110106	JP20090144026 20090617	NIPPON TELEGRAPH & TELEPHONE	H01M8/02; H01M8/12	METHOD OF MANUFACTURING SOLID OXIDE FUEL CELL
JP2011040178 A 20110224	JP20090183884 20090806	NISSAN MOTOR [JP]	H01M4/92; H01M4/86	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY

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JP2011040177 A 20110224	JP20090183883 20090806	NISSAN MOTOR [JP]	H01M4/92; H01M4/96	ANODE CATALYST LAYER FOR FUEL CELL
JP2011031196 A 20110217	JP20090181053 20090803	NISSAN MOTOR [JP]	B01J23/89; B01J37/02; C23C14/14; H01M4/92	PT THIN FILM ELECTRODE CATALYST
JP2011029076 A 20110210	JP20090175492 20090728	NISSAN MOTOR [JP]	H01M8/02; H01M4/86; H01M8/00	GAS DIFFUSION LAYER FOR FUEL CELL, AND METHOD OF MANUFACTURING GAS DIFFUSION LAYER FOR FUEL CELL, FUEL CELL, AND FUEL CELL AUTOMOBILE
JP2011029013 A 20110210	JP20090173986 20090727	NISSAN MOTOR [JP]	H01M4/88; H01M4/86	ELECTRODE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011028937 A 20110210	JP20090171956 20090723	NISSAN MOTOR [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
JP2011023279 A 20110203	JP20090168838 20090717	NISSAN MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
US2011039166 A1 20110217	US20100926052 20101022; JP20040203151 20040709; JP20040258507 20040906; JP20040349842 20041202; JP20050053653 20050228; JP20050172229 20050613; US20070631943 20070109; WO2005JP12597 20050707	NISSAN MOTOR [JP]	H01M8/06; H01M8/10	FUEL CELL SYSTEM AND SOLID POLYMER ELECTROLYTE FILM

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JP2011003552 A 20110106	JP20040134401 20040428; JP20050044451 20050221; JP20100192936 20100830	NISSAN MOTOR [JP]	H01M8/02; B01J23/42; B01J35/10; H01M4/86; H01M4/92; H01M4/96; H01M8/00; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL USING THE SAME
JP2011016039 A 20110127	JP20090160677 20090707	NISSAN MOTOR [JP]	B01D45/02; B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	GAS-LIQUID SEPARATOR FOR VEHICLE
JP2011014461 A 20110120	JP20090159170 20090703	NISSAN MOTOR [JP]	H01M4/86; H01M4/90; H01M8/02; H01M8/12	FUEL ELECTRODE FOR SOLID ELECTROLYTE FUEL CELL, AND SOLID ELECTROLYTE FUEL CELL
JP2011011619 A 20110120	JP20090156987 20090701	NISSAN MOTOR [JP]	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL DRIVE VEHICLE
JP2011014284 A 20110120	JP20090155332 20090630	NISSAN MOTOR [JP]	H01M8/04; H01M8/24	FUEL CELL INTERNAL STATE DETECTING DEVICE
JP2011009065 A 20110113	JP20090151263 20090625	NISSAN MOTOR [JP]	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2011008990 A 20110113	JP20090149710 20090624	NISSAN MOTOR [JP]	H01M8/04; H01M8/12	FUEL CELL SYSTEM AND ITS OPERATION METHOD

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011008924 A 20110113	JP20090148275 20090623	NISSAN MOTOR [JP]	H01M8/04; H01M8/12	FUEL CELL SYSTEM, ENERGIZING PROCESSING METHOD FOR THE FUEL CELL SYSTEM, SEARCH METHOD FOR CURRENT VALUE IMPROVING INITIAL PERFORMANCE OF FUEL CELL, AND FUEL CELL
JP2011003344 A 20110106	JP20090144031 20090617	NISSAN MOTOR [JP]	H01M8/04	INTERNAL STATE ESTIMATION DEVICE AND INTERNAL STATE ESTIMATION METHOD OF FUEL CELL
JP2011082187 A 20110421	JP20100277785 20101214	NISSAN MOTOR [JP]	H01M4/86; H01M4/90	FUEL CELL
JP2011082022 A 20110421	JP20090233369 20091007	NISSAN MOTOR [JP]	H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, AND METHOD OF MANUFACTURING THE SAME
JP2011070926 A 20110407	JP20090221050 20090925	NISSAN MOTOR [JP]	H01M4/86; H01M8/00; H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY
JP2011070925 A 20110407	JP20090221045 20090925	NISSAN MOTOR [JP]	H01M4/86; H01M8/00; H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY
JP2011070782 A 20110407	JP20090218420 20090924	NISSAN MOTOR [JP]	H01M8/04; H01M8/02; H01M8/12; H01M8/24	FUEL CELL, AND FUEL CELL SYSTEM



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DE112005000646 B4 20110609	JP20040101373 20040330; WO2005JP02952 20050217	NISSAN MOTOR [JP]	H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/10	FUEL CELL
US2011123899 A1 20110526	US201113020998 20110204; JP20040340318 20041125; JP20050299289 20051013; US20070791679 20070525; WO2005JP20083 20051101	NISSAN MOTOR [JP]	H01M8/10	POLYMER ELECTROLYTE FUEL CELL
WO2011016493 A1 20110210	JP20090184358 20090807	NISSAN MOTOR [JP]; HASEGAWA TAKUYA [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL AND METHOD FOR MANUFACTURING SAME
WO2011059087 A1 20110519	JP20090259611 20091113	NISSAN MOTOR [JP]; HASEGAWA TAKUYA [JP]; FUJIEDA RYUJI	H01M8/02; H01M8/00; H01M8/10	FUEL CELL AND VEHICLE EQUIPPED WITH FUEL CELL
WO2011033879 A1 20110324	JP20090214321 20090916	NISSAN MOTOR [JP]; MATSUMOTO MICHIIKO; SATO MASASHI; NAKAYAMA KEN; HASEGAWA JUNICHI; HOSHI KIYOSHI	H01M8/04	CONTROL DEVICE AND CONTROL METHOD FOR FUEL CELL SYSTEM
WO2011074327 A1 20110623	JP20090288238 20091218	NISSAN MOTOR [JP]; OKUYAMA YOZO	H01M4/96; H01M8/10	GAS DIFFUSION LAYER FOR FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY USING SAID GAS DIFFUSION LAYER FOR FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011030720 A1 20110317	JP20090209734 20090910	NISSAN MOTOR [JP]; RIKEN TECHNOS CORP [JP]; HASEGAWA TAKUYA [JP]; WAKI NORIHISA [JP]; KUWAHARA HIROSHI [JP]	H01M4/88; H01M4/86	METHOD FOR MANUFACTURING FUEL CELL GAS DIFFUSION LAYER, FUEL CELL GAS DIFFUSION LAYER, AND FUEL CELL
WO2011012942 A1 20110203	JP20090177746 20090730	NISSAN MOTOR [JP]; TAKEUCHI KAZUFUMI [JP]; YAGUCHI TATSUYA [JP]	H01M8/04; H01M8/06; H01M8/12	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
WO2011004780 A1 20110113	JP20090160528 20090707	NISSAN MOTOR [JP]; TOMITA YOUSUKE; SATO MASASHI	H01M8/04	OPERATION CONTROL DEVICE AND OPERATION CONTROL METHOD FOR FUEL BATTERY POWER PLANT
JP2011038166 A 20110224	JP20090187764 20090813	NISSHIN STEEL CO LTD	C22C38/00; C22C38/38; C22C38/58; C23F1/28; H01M8/02	ENERGIZING MEMBER FOR FUEL CELL AND METHOD FOR PRODUCING THE SAME
WO2011010689 A1 20110127	JP20090173144 20090724	NISSHINBO CHEMICAL INC [JP]; TANNO FUMIO [JP]	H01M8/02; C08G59/56	FUEL CELL SEPARATOR
JP2011070934 A 20110407	JP20090221110 20090925	NITTO DENKO CORP [JP]	H01M8/02; H05K1/02	WIRING CIRCUIT BOARD AND FUEL CELL
EP2302986 A1 20110330	JP20090221109 20090925; JP20100202565 20100910	NITTO DENKO CORP [JP]	H05K1/03; H01M8/02	PRINTED CIRCUIT BOARD AND FUEL CELL

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AT500627T T 20110315	JP20040362575 20041215; WO2005JP22770 20051212	NITTO DENKO CORP [JP]	H01M8/02; C08J5/22; H01M8/10	ELECTROLYTE FILM WITH EXCELLENT ADHESION TO ELECTRODE
KR20110052504 A 20110518	JP20090257811 20091111	NITTO DENKO CORP [JP]	H01M8/02; H01M8/10	PRINTED CIRCUIT BOARD AND FUEL CELL
JP2011103282 A 20110526	JP20090274946 20091111	NOGUCHI YUTAKA	H01M8/06; C01B3/38; C01B3/56; H01M8/00	FUEL CELL SYSTEM EQUIPPED WITH HIGH-SPEED CIRCULATION-TYPE HYDROGEN MANUFACTURING APPARATUS
JP2011027192 A 20110210	JP20090174295 20090727	NOK CORP [JP]	F16K1/36; F16K1/42; H01M8/04	ON-OFF VALVE
JP2011027191 A 20110210	JP20090174294 20090727	NOK CORP [JP]	F16K1/42; H01M8/04	ON-OFF VALVE
JP2011023161 A 20110203	JP20090165586 20090714	NOK CORP [JP]	H01M8/24	SEALING STRUCTURE OF FUEL CELL
US2011014541 A1 20110120	JP20090168653 20090717; JP20090210482 20090911	NOK CORP [JP]	H01M8/10	FUEL CELL GAS DIFFUSION LAYER INTEGRATED GASKET
US2011014540 A1 20110120	JP20090168653 20090717	NOK CORP [JP]	H01M8/10	FUEL CELL GAS DIFFUSION LAYER INTEGRATED GASKET

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US2011097647 A1 20110428	JP20090247228 20091028	NOK CORP [JP]	H01M8/02; B29C45/14; H01M2/16	FUEL CELL SEALING STRUCTURE AND MANUFACTURE METHOD
US2011053048 A1 20110303	JP20090201806 20090901	NOK CORP [JP]	H01M8/04	FUEL CELL CONSTITUTING COMPONENT
US2011104583 A1 20110505	JP20090250213 20091030	NOK CORP [JP]	H01M8/24; B29C45/14; H01M8/02	FUEL CELL CONSTITUENT PART AND MANUFACTURING METHOD THEREOF
JP2011090802 A 20110506	JP20090241303 20091020	NOK CORP [JP]; TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	SEALING STRUCTURE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
US2011136037 A1 20110609	US20100903990 20101013; JP20010124317 20010423; US20070783972 20070413; US20030474520 20031023; WO2002JP04038 20020423	NOK CORP AND KABUSHIKI KAISHA TOSHIBA	H01M8/04; H01M8/00; H01M8/02; H01M8/10	FUEL CELL AND MANUFACTURING METHOD OF THE FUEL CELL
JP2011038032 A 20110224	JP20090188524 20090817	NORITAKE CO LTD	C09K3/18; H01M4/86; H01M8/10	CONDUCTIVE WATER REPELLENT MATERIAL AND WATER REPELLENT GAS DIFFUSION ELECTRODE
JP2011037645 A 20110224	JP20090183886 20090806	NORITAKE CO LTD	C04B41/85; C04B37/00	POROUS BODY WITH COATING FILM, METHOD FOR MANUFACTURING THE SAME, AND JOINED BODY

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JP2011034874 A 20110217	JP20090181503 20090804	NORITAKE CO LTD	H01M8/02; H01M8/12; H01M8/24	CONNECTION MATERIAL FOR SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011076996 A 20110414	JP20090230109 20091002	NORITZ CORP	H01M8/02	CURRENT COLLECTOR STRUCTURE OF CYLINDRICAL FUEL BATTERY CELL
JP2011076846 A 20110414	JP20090226725 20090930	NORITZ CORP	H01M8/04; H01M8/12	STOPPING METHOD FOR SOLID OXIDE FUEL CELL
JP2011071073 A 20110407	JP20090223557 20090928	NORITZ CORP	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011009148 A 20110113	JP20090153690 20090629	NORITZ CORP; NORITZ ELECTRONICS TECH KK	H01M8/04; G05F1/67; H02M7/48	POWER GENERATION SYSTEM
JP2011010513 A 20110113	JP20090153656 20090629	NORITZ CORP; NORITZ ELECTRONICS TECH KK	H02M7/48; H01M8/04	POWER GENERATION SYSTEM
JP2011097727 A 20110512	JP20090248801 20091029	NORITZ CORP; NORITZ ELECTRONICS TECH KK	H02J3/38; H01L31/04; H02M7/48	POWER CONDITIONER
JP2011097724 A 20110512	JP20090248785 20091029	NORITZ CORP; NORITZ ELECTRONICS TECH KK	H02M3/28; H01L31/042; H01M8/04; H02M7/48	POWER CONDITIONER

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JP2011096476 A 20110512	JP20090248565 20091029	OGAWA KAZUFUMI	H01M4/86; B01J23/42; B01J37/02; H01M4/88; H01M8/00	AIR-PERMEABLE POROUS ELECTRODE, AIR-PERMEABLE SEPARATOR, FUEL CELL USING THEM, MANUFACTURING METHOD OF THEM, AND VEHICLE USING FUEL CELL
WO2011031755 A1 20110317	US20090240508P 20090908	OHIO STATE UNIVERSITY RESEACH FOUNDATION [US]; FAN LIANG-SHIH [US]; LI FANXING [US]; ZENG LIANG [US]; SRIDHAR DEEPAK [US]	C01B3/34; C01B3/06	INTEGRATION OF REFORMING/WATER SPLITTING AND ELECTROCHEMICAL SYSTEMS FOR POWER GENERATION WITH INTEGRATED CARBON CAPTURE
US2011014527 A1 20110120	US20100839314 20100719; US20090226373P 20090717	OHLSSEN LEROY JAMES [US]	H01M8/06	POLYOXOMETALATE FLOW-CELL POWER SYSTEM
JP2011086531 A 20110428	JP20090239246 20091016	OLYMPUS CORP [JP]	H01M8/02; H01M4/86; H01M8/08	FUEL CELL
WO2011046006 A1 20110421	JP20090239245 20091016; JP20100037566 20100223; JP20100055770 20100312	OLYMPUS CORP [JP]; KISHIDA TAKAYUKI [JP]; AKAGI TOSHIMASA [JP]; HIBINO HIROKI [JP]	H01M8/04; H01M8/02; H01M8/08	FUEL CELL, BATTERY, AND ELECTRODE FOR FUEL CELL
JP2011029144 A 20110210	JP20090147491 20090622; JP20100032755 20100217	ORGANO KK	H01M8/04; C02F1/42; H01M8/06	WATER TREATMENT DEVICE OF FUEL CELL
JP2011003493 A 20110106	JP20090147490 20090622	ORGANO KK	H01M8/04; C02F1/42; H01M8/06	WATER TREATMENT DEVICE OF FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011103292 A 20110526	JP20090239103 20091016; JP20100180753 20100812	ORGANO KK	H01M8/04; B01D19/00; C02F1/20; C02F1/42; H01M8/06	WATER TREATMENT DEVICE AND METHOD FOR FUEL CELL
JP2011027408 A 20110210	JP20040177136 20040615; JP20100206641 20100915	OSAKA GAS CO LTD [JP]	F24H1/00	COGENERATION SYSTEM
JP2011092839 A 20110512	JP20090248049 20091028	OSAKA GAS CO LTD [JP]	B01J8/02	CATALYST CHARGING METHOD, AND CATALYST CHARGING DEVICE
JP2011096400 A 20110512	JP20090246811 20091027	OSAKA GAS CO LTD [JP]; TOKYO GAS CO LTD	H01M8/04; B01D53/02; B01J20/18; C01B3/38; H01M8/06	FUEL CELL POWER GENERATION SYSTEM, AND DESULFURIZER
US2011076577 A1 20110331	JP20090228733 20090930	OTSUKA TOSHIHARU [JP]; TSUCHIYA KATSUHISA [JP]; SHIGEZUMI TSUKASA [JP]; OOE TOSHIHARU [JP]; NAKANO KIYOTAKA [JP]	H01M8/06	SOLID OXIDE FUEL CELL DEVICE
US2011076576 A1 20110331	JP20090228610 20090930	OTSUKA TOSHIHARU [JP]; TSUCHIYA KATSUHISA [JP]; SHIGEZUMI TSUKASA [JP]; OOE TOSHIHARU [JP]; NAKANO KIYOTAKA [JP]	H01M8/06	SOLID OXIDE FUEL CELL DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011034975 A 20110217	JP20100229503 20101012	PANASONIC CORP [JP]	H01M8/04; H01M8/00	FUEL CELL POWER GENERATING SYSTEM
JP2011037684 A 20110224	JP20090188246 20090817	PANASONIC CORP [JP]	C01B3/38	HYDROGEN GENERATOR
JP2011036087 A 20110217	JP20090182146 20090805	PANASONIC CORP [JP]	H02J1/00; H01M8/04; H02J7/00	POWER GENERATION SYSTEM
JP2011035968 A 20110217	JP20090177357 20090730	PANASONIC CORP [JP]	H02M7/48; G05D23/00	POWER GENERATION SYSTEM
JP2011027376 A 20110210	JP20090176133 20090729	PANASONIC CORP [JP]	F24H1/00; F02G5/04	OPERATION PLANNING DEVICE FOR COGENERATION SYSTEM, AND COGENERATION SYSTEM
JP2011030373 A 20110210	JP20090174052 20090727	PANASONIC CORP [JP]	H02J3/38; H01M8/04	POWER GENERATION SYSTEM
JP2011023315 A 20110203	JP20090169870 20090721	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011018534 A 20110127	JP20090161956 20090708	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011014256 A 20110120	JP20090154857 20090630	PANASONIC CORP [JP]	H01M8/04; H01M8/02; H01M8/10; H01M8/24	SOLID POLYMER FUEL CELL
JP2011009130 A 20110113	JP20090153395 20090629	PANASONIC CORP [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2011009129 A 20110113	JP20090153381 20090629	PANASONIC CORP [JP]	H01M4/88; B01J27/045; B01J37/02; B01J37/08; H01M4/92	CATALYTIC ELECTRODE DISPERSED WITH CATALYTIC NANOPARTICLES
JP2011007433 A 20110113	JP20090151963 20090626	PANASONIC CORP [JP]	F24H1/00; F24H1/18	COGENERATION SYSTEM
JP2011006279 A 20110113	JP20090150882 20090625	PANASONIC CORP [JP]	C01B3/38; C01B3/48; H01M8/04	HYDROGEN GENERATION APPARATUS
JP2011100597 A 20110519	JP20090253717 20091105	PANASONIC CORP [JP]	H01M8/04; H02J3/38; H02M3/28; H02M7/48	FUEL CELL SYSTEM
JP2011098840 A 20110519	JP20090252614 20091104	PANASONIC CORP [JP]	C01B3/38; H01M8/06	HYDROGEN PRODUCTION APPARATUS FOR FUEL CELL
JP2011100548 A 20110519	JP20090252613 20091104	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011098839 A 20110519	JP20090252612 20091104	PANASONIC CORP [JP]	C01B3/38; H01M8/04; H01M8/06	METHOD FOR OPERATING HYDROGEN GENERATING APPARATUS, AND METHOD FOR OPERATING FUEL CELL SYSTEM
JP2011100547 A 20110519	JP20090252610 20091104	PANASONIC CORP [JP]	H01M8/02; H01M8/04; H01M8/06	FUEL CELL POWER GENERATING SYSTEM
JP2011003489 A 20110106	JP20090147423 20090622	PANASONIC CORP [JP]	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING THE SAME
JP2011003374 A 20110106	JP20090144908 20090618	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
US2011027681 A1 20110203	US20100903340 20101013; JP20040175046 20040614; JP20040175049 20040614; US20050151634 20050613	PANASONIC CORP [JP]	H01M8/24; H01M8/04; H01M8/10	PRESERVATION ASSEMBLY OF POLYMER ELECTROLYTE FUEL CELL STACK
JP2011086400 A 20110428	JP20090236330 20091013	PANASONIC CORP [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
JP2011086399 A 20110428	JP20090236329 20091013	PANASONIC CORP [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
JP2011086398 A 20110428	JP20090236328 20091013	PANASONIC CORP [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011003327 A 20110106	JP20090143854 20090617	PANASONIC CORP [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011003277 A 20110106	JP20090142883 20090616	PANASONIC CORP [JP]	H01M4/88; H01M4/86; H01M8/10	MANUFACTURING METHOD OF CATALYST ELECTRODE FOR FUEL CELL
EP2287111 A1 20110223	EP20000304298 20000522; JP19990143844 19990524	PANASONIC CORP [JP]	C01B3/38; B01J8/02; C01B3/32; H01M8/06	HYDROGEN GENERATOR
AT492917T T 20110115	JP20040026097 20040202; WO2005JP01417 20050201	PANASONIC CORP [JP]	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
EP2270912 A2 20110105	EP20040021839 19990416; EP19990106282 19990416; JP19980107611 19980417; JP19980107612 19980417; JP19980234762 19980820	PANASONIC CORP [JP]	H01M8/02; H01M8/24	SOLID POLYMER ELECTROLYTE FUEL CELL AND METHOD FOR PRODUCING THE SAME
CA2746184 A1 20110310	JP20090202207 20090902; WO2010JP05203 20100824	PANASONIC CORP [JP]	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR OPERATING THE SAME
JP2011080660 A 20110421	JP20090232341 20091006	PANASONIC CORP [JP]	F24H1/18; G06F3/041	DISPLAY DEVICE AND COGENERATION DEVICE INCLUDING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011071062 A 20110407	JP20090223287 20090928	PANASONIC CORP [JP]	H01M4/86; H01M8/10	DIRECT OXIDATION TYPE FUEL CELL
US2011091795 A1 20110421	US20100978909 20101227; JP20040027656 20040204; US20050588279 20050128; WO2005JP01181 20050128	PANASONIC CORP [JP]	H01M8/04; H01M8/10; H01M2/00; H01M8/02; H01M8/06; H01M8/24	FUEL CONTAINER FOR STORING FUEL LIQUID FOR FUEL CELL AND FUEL CELL PACK
JP2011103309 A 20110526	JP20110014941 20110127	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011102223 A 20110526	JP20090258602 20091112	PANASONIC CORP [JP]	C01B3/38	HYDROGEN PRODUCTION APPARATUS
JP2011100628 A 20110519	JP20090254674 20091106	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2011100627 A 20110519	JP20090254673 20091106	PANASONIC CORP [JP]	H01M8/04	FUEL CELL DEVICE
JP2011096529 A 20110512	JP20090249790 20091030	PANASONIC CORP [JP]	H01M8/04; H02P9/00	GENERATOR DEVICE
JP2011096486 A 20110512	JP20090248714 20091029	PANASONIC CORP [JP]	H01M8/04; H01M8/02	FUEL CELL, AND FUEL CELL SYSTEM EQUIPPED WITH THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011090864 A 20110506	JP20090243013 20091022	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011090863 A 20110506	JP20090243012 20091022	PANASONIC CORP [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011090862 A 20110506	JP20090243011 20091022	PANASONIC CORP [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM
EP2330669 A1 20110608	EP20040024041 20000914; EP20000961038 20000914; JP19990262971 19990917	PANASONIC CORP [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/10	METHOD FOR RESTORING PERFORMANCE OF POLYMER ELECTROLYTE FUEL CELL
WO2011064951 A1 20110603	JP20090266625 20091124	PANASONIC CORP [JP]; AKIYAMA TAKASHI [JP]	H01M8/04; H01M8/10	DIRECT-OXIDATION FUEL CELL SYSTEM
WO2011036834 A1 20110331	JP20090223357 20090928	PANASONIC CORP [JP]; AKIYAMA TAKASHI [JP]	H01M4/86; H01M4/88; H01M8/10	DIRECT OXIDATION FUEL CELL
WO2011027550 A1 20110310	JP20090203432 20090903	PANASONIC CORP [JP]; GEMBA MIHO; TSUJI YOICHIRO; YAMAUCHI MASAKI	H01M8/02; H01M4/86; H01M4/88; H01M4/96; H01M8/10	GAS DIFFUSION LAYER FOR FUEL CELL, METHOD FOR MANUFACTURING SAME, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
WO2011024360 A1 20110303	JP20090194937 20090826	PANASONIC CORP [JP]; GYOTEN HISAAKI; AIZAWA MASATO; TAOMOTO AKIRA	H01M8/02; H01M4/86; H01M8/04; H01M8/10	METHOD FOR OPERATING POLYMER FUEL CELL

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WO2011036886 A1 20110331	JP20090220618 20090925	PANASONIC CORP [JP]; KANI YUKIMUNE; WAKITA HIDENOBU; FUJIHARA SEIJI; NAKAJIMA TOMOYUKI	H01M8/04; C01B3/38; H01M8/06	FUEL CELL SYSTEM AND OPERATION METHOD FOR FUEL CELL SYSTEM
WO2011077753 A1 20110630	JP20090294155 20091225; JP20100039700 20100225	PANASONIC CORP [JP]; KANI YUKIMUNE; WAKITA HIDENOBU; FUJIHARA SEIJI; NAKAJIMA TOMOYUKI	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
WO2011077752 A1 20110630	JP20090294155 20091225	PANASONIC CORP [JP]; KANI YUKIMUNE; WAKITA HIDENOBU; FUJIHARA SEIJI; NAKAJIMA TOMOYUKI	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATION DEVICE, FUEL CELL SYSTEM, AND METHOD FOR OPERATING HYDROGEN GENERATION DEVICE
WO2011045889 A1 20110421	JP20090236235 20091013	PANASONIC CORP [JP]; KAWASHIMA TSUTOMU; HIGASHINO HIDEYO; NAKAGAWA TAKASHI	H01M4/86; H01M4/96; H01M8/02; H01M8/10	FUEL CELL AND METHOD FOR MANUFACTURING SAME
WO2011058723 A1 20110519	JP20090257437 20091110	PANASONIC CORP [JP]; KUROHA TOMOHIRO; NOMURA TAKAIKI; HATO KAZUHITO; TANIGUCHI NOBORU; SUZUKI TAKAHIRO; TOKUHIRO KENICHI	C25B9/00; B01J35/02; C01B3/04; C25B1/02; H01M8/06; H01M14/00	PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011064961 A1 20110603	JP20090268045 20091125	PANASONIC CORP [JP]; KUSAKABE HIROKI; KAWABATA NORIHIKO; UMEDA TAKAHIRO; KOASHI NAOTSUGU	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND FUEL CELL PROVIDED WITH SAME
WO2011027520 A1 20110310	JP20090204268 20090904	PANASONIC CORP [JP]; MAENISHI AKIRA; KANI YUKIMUNE; MUKAI YUJI	C01B3/38	HYDROGEN GENERATOR AND METHOD FOR STARTING SAME
WO2011052233 A1 20110505	JP20090251703 20091102	PANASONIC CORP [JP]; MATSUMOTO SATOSHI	H01M8/04; F24H1/18	FUEL CELL COGENERATION SYSTEM
WO2011070746 A1 20110616	JP20090280485 20091210	PANASONIC CORP [JP]; MITSUI MASAKI; AKIYAMA TAKASHI [JP]	H01M8/04; H01M8/00; H01M10/48	FUEL CELL SYSTEM, AND ELECTRONIC DEVICE
WO2011013313 A1 20110203	JP20090174508 20090727	PANASONIC CORP [JP]; MORIMOTO TAKASHI; MATSUMOTO TOSHIHIRO; MURATA ATUSI; YOSHIMURA MITSUO; YAMAMOTO YOKO	H01M8/02; H01M8/10	POLYMER FUEL CELL STACK AND POLYMER FUEL CELL SEPARATOR PAIR
WO2011067923 A1 20110609	JP20090273550 20091201	PANASONIC CORP [JP]; MORITA JUNJI; KUSUMURA KOICHI; NAKAMURA AKINARI; URATA TAKAYUKI	H01M8/04; H01M8/06	POWER GENERATION SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011033745 A1 20110324	JP20090214693 20090916; JP20100032619 20100217	PANASONIC CORP [JP]; NAKAGAWA TAKASHI; MATSUMOTO TOSHIHIRO; YOSHIMOTO MIYUKI; ARAI KENJI	H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
WO2011016244 A1 20110210	JP20090182879 20090805	PANASONIC CORP [JP]; NOMURA TAKAIKI; SUZUKI TAKAHIRO; MIYATA NOBUHIRO; HATO KAZUHITO	H01M14/00; H01M8/00; H01M8/06	PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME
WO2011074191 A1 20110623	JP20090282555 20091214	PANASONIC CORP [JP]; OKANISHI TAKEOU; KOASHI NAOTSUGU; GEMBA MIHO; TSUJI YOICHIRO	H01M8/02; H01M8/10	POLYELECTROLYTE FUEL CELL, FUEL CELL STACK PROVIDED WITH SAME, FUEL CELL SYSTEM, AND OPERATION METHOD FOR FUEL CELL SYSTEM
HK1042064 A1 20110114	WO2000JP01600 20000316; JP19990073270 19990318; JP19990194104 19990708	PANASONIC CORP [JP]; PANASONIC ELECTRIC WORKS CO LTD [JP]	B01J23/42; B01J23/54; C01B3/16; C01B3/48; C10K3/04; H01M8/06	USE OF A CATALYST FOR THE WATER GAS SHIFT REACTION, METHOD FOR REMOVING CARBON MONOXIDE IN HYDROGEN GAS AND ELECTRIC POWER- GENERATING SYSTEM OF FUEL CELL
WO2011007518 A1 20110120	JP20090165271 20090714; JP20090165270 20090714	PANASONIC CORP [JP]; SUGAWARA YASUSHI; UNOKI SHIGEYUKI; KOASHI NAOTSUGU	H01M4/96; H01M8/02; H01M8/04; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, SOLID POLYMER FUEL CELL, AND FUEL CELL POWER GENERATION SYSTEM
WO2011067930 A1 20110609	JP20090275132 20091203	PANASONIC CORP [JP]; TANABE NAOHISA; YUKIMASA AKINORI	H01M8/04; C01B3/38; H01M8/06	FUEL CELL SYSTEM AND MAINTENANCE METHOD FOR FUEL CELL SYSTEM



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011067927 A1 20110609	JP20090273081 20091201	PANASONIC CORP [JP]; TANAKA YOSHIKAZU; NAKAMURA AKINARI; URATA TAKAYUKI	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND CONTROL METHOD FOR SAME
WO2011055523 A1 20110512	JP20090252611 20091104	PANASONIC CORP [JP]; TATSUI HIROSHI; TAGUCHI KIYOSHI	H01M8/04	FUEL CELL SYSTEM
WO2011045933 A1 20110421	JP20090239417 20091016	PANASONIC CORP [JP]; UEDA HIDEYUKI	H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND FUEL CELL UTILIZING SAME
WO2011030489 A1 20110317	JP20090209033 20090910	PANASONIC CORP [JP]; YAMAUCHI MASAKI; TSUJI YOICHIRO	H01M4/86; H01M4/88; H01M8/02; H01M8/10	GAS DIFFUSION LAYER AND PROCESS FOR PRODUCTION THEREOF, AND FUEL CELL
WO2011027539 A1 20110310	JP20090201386 20090901; JP20100178321 20100809	PANASONIC CORP [JP]; YAMAUCHI MASAKI; TSUJI YOICHIRO; KOASHI NAOTSUGU; KASAHARA HIDEO; NAKAGAWA TAKASHI; YAMAMOTO YOKO	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY, PRODUCTION METHOD FOR SAME, AND FUEL CELL
WO2011004606 A1 20110113	JP20090161968 20090708	PANASONIC CORP [JP]; YUKIMASA AKINORI; MORITA JUNJI; NAKAMURA AKINARI; URATA TAKAYUKI	C01B3/38; H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011034807 A 20110217	JP20090180036 20090731	PANASONIC ELEC WORKS CO LTD [JP]	H01M8/02; H01M8/06	MANUFACTURING METHOD OF FUEL CELL SEPARATOR, AND FUEL CELL SEPARATOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011086635 A 20110428	JP20050046611 20050223; JP20100289685 20101227	PANASONIC ELEC WORKS CO LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011083059 A 20110421	JP20090230863 20091002	PANASONIC ELEC WORKS CO LTD [JP]	H02J7/34; H01L31/042; H01M10/44; H02J3/38	STORAGE BATTERY OPERATION CONTROLLER OF POWER SUPPLY SYSTEM
JP2011076989 A 20110414	JP20090229956 20091001	PANASONIC ELEC WORKS CO LTD [JP]	H01M8/02; C08J7/00	MANUFACTURING METHOD OF FUEL CELL SEPARATOR, AND FUEL CELL SEPARATOR
KR20110061522 A 20110609	KR20110035586 20110418	PARK SOO KYU [KR]	F23G5/027; C01B3/38; F23G5/46; H01M8/06	HYDROGEN GAS REAL-TIME PRODUCTION, HEAT INSULATING MATERIAL PRODUCTION AND FUEL CELL, HEAT PUMP, SOLAR HEAT, SOLAR CELL, FUSION SYSTEM DISPOSE OF WASTE MATERIALS INCINERATOR
US2011117462 A1 20110519	US201113006031 20110113; US20060489274 20060718	PELTON WALTER E [US]	H01M8/04	METHODS AND APPARATUSES FOR DISTRIBUTED FUEL CELLS WITH NANOTECHNOLOGY
US2011020720 A1 20110127	FR20080001575 20080321; WO2009EP53205 20090318	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	H01M8/04	DEVICE FOR CONTROLLING A POWER SUPPLY WITH DC DC SPLITTING OF THE TYPE INCLUDING N INTERLACED PATHS
DK1432286T T3 20110221	EP20040000403 20040112	PHONAK AG [CH]	H04R25/00; H01M8/00	HÖREAPPARAT MED BRÄNDSTOFCELLE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011014088 A1 20110120	US20100902143 20101011; US20080165585 20080630; US20070751028 20070520	PIONEER ENERGY INC [US]	B01J19/00	COMPACT NATURAL GAS STEAM REFORMER WITH LINEAR COUNTERCURRENT HEAT EXCHANGER
AT11799U U1 20110515	AT20090000794U 20091215	PLANSEE SE [AT]	B22F3/12; B22F3/14; B22F5/06; H01M8/02; H01M8/24	FORMTEI
EP2325931 A1 20110525	EP20090014400 20091118	PLANSEE SE [AT]; FORSCHUNGSZENTRUM JUELICH GMBH [DE]	H01M4/86; H01M4/88; H01M8/12	ASSEMBLY FOR A FUEL CELL AND METHOD FOR PRODUCING SAME
US2011111309 A1 20110512	US20100871473 20100830; US20090259685P 20091110	POINT SOURCE POWER INC [US]	H01M8/06; B23P11/00	FUEL CELL SYSTEM
PL389509 A1 20110523	PL20090389509 20091109	POLITECHNIKA GDANSKA [PL]	H01M8/16; H01M4/86	BIOANODE
US2011054561 A1 20110303	US20100862154 20100824; US20090236818P 20090825; US20100351787P 20100604	POLYPLUS BATTERY CO INC [US]	A61N1/378; H01M8/16	IMPLANTABLE ELECTRODE ASSEMBLY, IMPLANTABLE ELECTROCHEMICAL POWER CELLS AND IMPLANTABLE MEDICAL DEVICE ASSEMBLIES
JP2011021289 A 20110203	JP20090166899 20090715	PONT TEIJIN ADVANCED PAPER KK DU	D21H13/26; H01G9/02; H01M2/16; H01M8/02; H01M14/00	TISSUE MATERIAL, METHOD FOR PRODUCING THE SAME AND ELECTRIC AND ELECTRONIC COMPONENT USING THE SAME
KR20110013802 A 20110210	KR20090071438 20090803	POSCO [KR]	H01M8/02; H01M8/12	UNIT CELL FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110004068 A 20110113	KR20090061697 20090707	POSCO [KR]	H01M8/12; H01M8/02; H01M8/04	UNIT CELL FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
KR20110003876 A 20110113	KR20090061346 20090706	POSCO [KR]	H01M8/12; H01M8/04	A MANUFACTURING METHOD FOR SOLID OXIDE FUEL CELL
KR20110032298 A 20110330	KR20090089725 20090922	POSTECH ACAD IND FOUND [KR]	H01M8/12; H01M8/04	FABRICATING METHOD OF MECHANICALLY FLEXIBLE METAL-SUPPORTED SOFCS
WO2011053041 A2 20110505	KR20090104018 20091030	POSTECH ACAD IND FOUND [KR]; KIM KYOO YOUNG [KR]; KIM DO HYEONG [KR]; JUN JAE HO [KR]; SEO HYUNG SUK [KR]; YUN DAE WON [KR]	C22C38/26; H01M8/02; H01M8/12	FERRITIC STAINLESS STEEL FOR SOLID OXIDE FUEL CELLS, AND CONNECTION MATERIAL USING SAME
WO2011037428 A2 20110331	KR20090091832 20090928	POSTECH ACAD IND FOUND [KR]; LEE SANGMIN [KR]; HWANG WOON BONG [KR]	H01M8/02; H01M8/24	SEPARATOR FOR A FUEL CELL, A PRODUCTION METHOD THEREFOR AND A FUEL CELL STACK COMPRISING THE SAME
WO2011010957 A1 20110127	WO2009SE00374 20090723	POWERCELL SWEDEN AB; KARLSSON ANDERS [US]	C01B3/38; B01J8/02; F01N3/20; H01M8/06	MIXING DEVICE FOR A FUEL REFORMER, FUEL REFORMER AND METHOD FOR CONVERTING HYDROCARBON FUELS INTO HYDROGEN RICH GAS
WO2011073621 A1 20110623	GB20090021881 20091215; GB20100010672 20100624	PRIESTNALL MICHAEL ALEXANDER [GB]	H01M8/06; H01M8/08	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011100328 A1 20110505	US20100909813 20101021; US20090256129P 20091029; US20090258102P 20091104; US20090258103P 20091104; US20100320380P 20100402; US20100321165P 20100406	PRIME CORE TECH LLC [US]	F02M69/04; B05C9/00; B05D1/32; B23B45/16; C02F1/461; C25B1/02; C25B9/00; C25B11/00; C25B15/00; F04F9/00; G01N27/06; H01B17/14; H01G9/035; H01G9/042; H01G9/145; H01M8/06; H01M8/22; H01M12/00; H02J15/00; H02M7/06	ELECTROLYSIS APPARATUS AND RELATED DEVICES AND METHODS
WO2011011533 A2 20110127	US20090458853 20090724; US20100364631P 20100715	PRIMUS POWER CORP [US]; WINTER RICK [US]; HALL JONATHAN L [US]; LA O' GERARDO JOSE [US]; STEPIEN THOMAS [US]	H01M8/18; H01M2/14; H01M8/02	ELECTROCHEMICAL SYSTEM HAVING A DEVICE FOR SEPARATING REACTANTS
KR20110008620 A 20110127	KR20090066043 20090720	PRO POWER CO LTD [KR]	B62M23/02; B60L11/18; B62M7/02; H01M8/24	HYBRID TWO-WHEELED VEHICLE
KR20110007533 A 20110124	KR20090065091 20090716	PRO POWER CO LTD [KR]	H01M8/04	FUEL MIXING APPARATUS OF DIRECT METHANOL FUEL CELL SYSTEM AND DIRECT METHANOL FUEL CELL SYSTEM COMPRISING THE SAME
KR20110007341 A 20110124	KR20090064822 20090716	PRO POWER CO LTD [KR]	H01M8/24; H01M8/04	FUEL CELL STACK ASSEMBLY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110006055 A 20110120	KR20090063502 20090713	PRO POWER CO LTD [KR]	H01M8/04; H01M8/24	COOLING SYSTEM FOR LOW TEMPERATURE FUEL CELL STACK AND CONTROL METHOD THEREOF
KR20110002127 A 20110107	KR20090059557 20090701	PRO POWER CO LTD [KR]	H01M4/86; H01M4/88; H01M8/10; H01M8/24	MEMBRANE ELECTRODE ASSEMBLY FOR DIRECT METHANOL FUEL CELL AND STACK COMPRISING THE SAME
KR20110027980 A 20110317	KR20090085853 20090911	PRO POWER CO LTD [KR]	H01M8/04	APPARATUS FOR CONTROL COOLING FUEL OF FUEL CELL
KR20110027966 A 20110317	KR20090085827 20090911	PRO POWER CO LTD [KR]	H01M8/04	LIQUID-GAS SEPARATOR FOR DIRECT METHANOL FUEL CELL
KR20110071182 A 20110629	KR20090127671 20091221	PRO POWER CO LTD [KR]	H01M8/04	APPARATUS FOR SUPPLYING AIR IN FUEL CELL SYSTEM
US2011143260 A1 20110616	US20100966768 20101213; US20090283994P 20091211	PROMERUS LLC [US]	H01M8/08; C08J5/22; H01M4/86	NORBORNENE-TYPE POLYMERS HAVING QUATERNARY AMMONIUM FUNCTIONALITY
FR2952231 A1 20110506	FR20090005204 20091029	PROSPECTION & INVENTIONS [FR]	H01M8/02	CHARGEUR DE BATTERIE A PILE A COMBUSTIBLE
KR20110065156 A 20110615	KR20090122029 20091209	PUSAN NAT UNIV IND COOP FOUND [KR]	H01M8/10; C08J5/22	METHOD FOR MANUFACTURING FUEL CELL COMPOSITE MEMBRANE USING SULFONATED POLY ETHER ETHER KETONE AND H <sup>+</sup> IONOPHORES

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KR20110059391 A 20110602	KR20090116108 20091127	PUSAN NAT UNIV IND COOP FOUND [KR]	H01M8/02; H01M8/04; H01M8/10	MICRO CHANNELS HAVING FILM MANUFACTURING APPARATUS AND FILM MANUFACTURING METHOD
KR20110061004 A 20110609	KR20090117507 20091201	PYUNGHWA OIL SEAL INDUSTRY CO LTD [KR]	B29C45/14; H01M8/02	METHOD OF FORMING GASKET AND GASKET UNITED CONSTRUCTION THEREOF
JP2011099108 A 20110519	US19990125138P 19990319; US20000566641 20000316	QUANTUM COMPOSITES INC	C08F283/01; C08F290/06; H01B1/24; H01M8/02	HIGHLY CONDUCTIVE MOLDING COMPOUND, AND FUEL CELL BIPOLAR PLATE CONTAINING THE SAME
US2011123901 A1 20110526	US201113021593 20110204; US20040983993 20041108	QUANTUMSPHERE INC [US]	H01M8/10; C25B9/00	NANO-MATERIAL CATALYST DEVICE
WO2011014056 A1 20110203	US20090230126P 20090731; US20100828191 20100630	QUARIUS TECHNOLOGIES SDN BHD [MY]; IGNATIEV ALEX [US]; WEDEKING WILLIAM BRENTON [US]	H01L31/04; H01M8/00; H01M8/02; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM WITH INTEGRAL GAS TURBINE AND THERMOPHOTOVOLTAIC THERMAL ENERGY CONVERTERS
US2011097635 A1 20110428	EP20060022808 20061102; WO2007CA01881 20071023	QUATTROCIOCCHI SONIA [CA]; ABOUATALLAH RAMI MICHEL [CA]; SIMPSON TODD ARNOLD [CA]	H01M8/04; H01M8/24	SYSTEM AND METHOD FOR ELECTROCHEMICAL CELL SYSTEM AND LEAK DETECTION AND INDICATION
WO2011049975 A1 20110428	US20090253013P 20091019; US20090259813P 20091110	QUET PIERRE-FRANCOIS [US]	H01M10/44; H01M8/04; H01M10/48; H01M16/00	BATTERY STATE-OF-CHARGE MANAGEMENT METHOD

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GB2471837 A 20110119	GB20090012003 20090710	RACHEL LOUISE SMITH [GB]; ITM POWER [GB]	C25B13/04; C25B9/10; H01M8/10	A MEMBRANE ELECTRODE ASSEMBLY WITH A IRIIDIUM COATED MEMBRANE
JP2011034782 A 20110217	JP20090179320 20090731	RAILWAY TECHNICAL RES INST	H01M8/04; H01M8/24; H02J7/00	FUEL CELL SYSTEM
RU2415497 C1 20110327	RU20100109660 20100315	RAKETNO KOSM KORPORATSIJA EHNERGIJA IM S P KOROLEVA AOOT [RU]	H01M8/06	OPERATING METHOD OF ELECTROCHEMICAL GENERATOR ON BASIS OF HYDROGEN-OXYGEN FUEL ELEMENTS IN VACUUM
WO2011054027 A1 20110512	AU20090905358 20091103	REDFLOW PTY LTD [AU]; WINTER ALEXANDER RUDOLF [AU]	H01M2/40; H01M8/20; H01M10/36	BROMINE COMPLEX VALVE
AT497262T T 20110215	DE200410016318 20040330; WO2005EP03475 20050329	REINZ DICHTUNG GMBH [DE]	H01M8/02	A BIPOLAR PLATE AND ITS USE, AS WELL AS A METHOD FOR ITS MANUFACTURE AND AN ELECTROCHEMICAL SYSTEM CONTAINING THE BIPOLAR PLATE
WO2011005965 A2 20110113	US20090223753P 20090708	RENSSELAER POLYTECH INST [US]; GASDA MICHAEL DAVID [US]; EISMAN GLENN [US]; GALL DANIEL [US]	H01M4/88; B82B3/00; H01M4/92; H01M8/10	PORE FORMATION BY IN SITU ETCHING OF NANOROD ELECTRODES
KR20110057452 A 20110601	KR20090113864 20091124	REPUBLIC KOREA MAN RURAL DEV [KR]	H01M8/02; H01M8/16	MICROBIAL FUEL CELL AND SEPERATOR USING THEREOF



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KR20110073927 A 20110630	KR20090130734 20091224	RES INST IND SCIENCE & TECH [KR]	H01M8/02; H01M8/14	FUEL CELL
KR20110073926 A 20110630	KR20090130733 20091224	RES INST IND SCIENCE & TECH [KR]	H01M8/02; H01M8/14	FUEL CELL
KR20110073925 A 20110630	KR20090130732 20091224	RES INST IND SCIENCE & TECH [KR]	H01M8/02; H01M8/14	FUEL CELL
US2011003213 A1 20110106	US20100828016 20100630; US20100826383 20100629; WO2010US40445 20100629; US20090230550P 20090731; US20090221998P 20090630; US20100340293P 20100315	REVOLT TECHNOLOGY LTD [IE]	H01M8/22	METAL-AIR BATTERY WITH SILOXANE MATERIAL
WO2011001287 A2 20110106	US20090221998P 20090630; US20090230550P 20090731; US20100340293P 20100315; US20100826383 20100629; WO2010US40445 20100629	REVOLT TECHNOLOGY LTD [IE]; BURCHARDT TRYGVE [CH]; AL GORANI-SZIGETI ZSOFIA [CH]; VUILLE DIT BILLE KATHRIN [CH]	H01M2/02	METAL-AIR BATTERY WITH SILOXANE MATERIAL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011002792 A1 20110106	US20090221998P 20090630; US20100340293P 20100315	REVOLT TECHNOLOGY LTD [IE]; BURCHARDT TRYGVE [CH]; LAUBACH ADAM [CH]; MCDUGALL JAMES P [CH]; STUDIGER HEINZ [CH]; NGAMGA ROMUALD F [CH]; MANCEY HARVEY [GB]	H01M8/18; H01M8/22; H01M12/08	METAL-AIR FLOW BATTERY
WO2011014818 A1 20110203	US20090230550P 20090731; US20100304273P 20100212	REVOLT TECHNOLOGY LTD [IE]; BURCHARDT TRYGVE [CH]; MCDUGALL JAMES P [CH]; SEDDA MARIA J [CH]	H01M2/02; H01M4/86; H01M4/88; H01M8/02; H01M8/18; H01M8/22; H01M12/06; H01M12/08	AIR ELECTRODE WITH BINDER MATERIALS AND MANUFACTURING METHODS FOR AIR ELECTRODE
CA2720193 A1 20110618	US20090641626 20091218	ROGITZ JOHN L [US]; ENERGYIELD LLC [US]	F02G5/00; F01K21/04; F01K27/02; H01M8/06; H02K7/14	ENHANCED EFFICIENCY TURBINE
WO2011029024 A1 20110310	US20090554460 20090904	ROLLS ROYCE FUEL SYTEMS US INC [US]; VINCENT MARK SCOTTO [US]; BIRMINGHAM DANIEL P [US]; DE BELLIS CRISPIN L [US]; PERNA MARK ANTHONY [US]; RUSH GREGORY C [US]	H01M8/18	APPARATUS FOR GENERATING A GAS WHICH MAY BE USED FOR STARTUP AND SHUTDOWN OF A FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011029014 A1 20110310	US20090554039 20090904	ROLLS ROYCE FUEL SYTEMS US INC [US]; VINCENT MARK SCOTTO [US]; BIRMINGHAM DANIEL P [US]; DE BELLIS CRISPIN L [US]; PERNA MARK ANTHONY [US]; RUSH GREGORY C [US]	H01M8/06	METHOD FOR GENERATING A GAS WHICH MAY BE USED FOR STARTUP AND SHUTDOWN OF A FUEL CELL
US2011011096 A1 20110120	GB20090012270 20090715	ROLLS ROYCE PLC [GB]	F02C7/14; F02C6/00; H01M8/10	SYSTEM FOR COOLING COOLING-AIR IN A GAS TURBINE ENGINE
US2011003521 A1 20110106	US20090459500 20090701	ROMAN KENDYL A [US]	B63H11/00; B63B35/79; B63H21/17; F03B13/00; H01L31/042; H01M6/00; H01M8/00	CLEAN ENERGY POWERED SURFBOARDS
US2011086280 A1 20110414	FR20080003019 20080602; WO2009FR00622 20090528	ROUSTAEI ALEX [FR]	H01M8/06; C25B1/02; C25B9/00; C25B15/00	SYSTEMS FOR THE ON-DEMAND PRODUCTION OF POWER AS A SOLE SOURCE OR AIDING OTHER POWER SOURCES, IN THE TRANSPORTATION AND HOUSING FIELD.
BRMU8901656U U2 20110503	BR2009MU8901656U 20090828	RUI CAMARGO JOSE [BR]	H01M8/24; H01L31/058	GERADOR TERMELÉTRICO AUTOMOTIVO
US2011014539 A1 20110120	KR20090064502 20090715	RYU HAN WOOL [KR]; KIM CHANG SAM [KR]; OH YOUNG SOO [KR]; JANG JAE HYUK [KR]; CHUNG JONG HO [KR]	H01M8/10	SOLID OXIDE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110018239 A 20110223	KR20090075938 20090817	RYU JAE LIM [KR]	H01M8/04; H01M2/10	BRIDGE CONNECTED CONTROL SYSTEM FOR HYBRID GENERATOR
JP2011080533 A 20110421	JP20090233075 20091007	SAGINOMIYA SEISAKUSHO INC	F16J15/18; F16K31/06	SEALING STRUCTURE AND CONTROL VALVE
CN201778860U U 20110330	CN20102290132U 20100812	SAIC MOTOR CORPORATION LIMITED	F01N1/06; F01N1/08; F01N13/00; H01M8/02	FUEL CELL ENGINE EXHAUST MUFFLER
CN201781026U U 20110330	CN20102290126U 20100812	SAIC MOTOR CORPORATION LIMITED	H01M8/04	ANODE-SIDE HYDROGEN CAVITY DRAINING DEVICE OF VEHICLE FUEL CELL SYSTEM
WO2011050473 A1 20110505	US20090256695P 20091030; WO2010CA00537 20100408	SALTWORKS TECHNOLOGIES INC [CA]; SPARROW BENJAMIN STUART [CA]; ZOSHI JOSHUA ANIKET [CA]; TANG JAMES HING BONG [CA]; TSIN HENRY KWAN KEUNG [CA]; ROCH NICHOLAS CHRISTIAN [CA]	C02F1/469; H01M8/24	METHOD AND SYSTEM FOR DESALINATING SALTWATER WHILE GENERATING ELECTRICITY
KR20110011046 A 20110208	KR20090068497 20090727	SAMCHULLY CO LTD [KR]	H01M8/04; G06Q50/00	ELECTRIC POWER TREATMENT SYSTEM FOR FUEL CELL POWER GENERATION AND ELECTRIC POWER TREATMENT METHOD FOR FUEL CELL POWER GENERATION

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110013926 A 20110210	KR20090071633 20090804	SAMSUNG ELECTRO MECH [KR]	H01M8/02	FUEL CELL COMPRISING MANIFOLD CAPABLE OF CURRENT COLLECTING
KR20110013924 A 20110210	KR20090071631 20090804	SAMSUNG ELECTRO MECH [KR]	H01M8/02	FUEL CELL COMPRISING SUPPORT OF MESH STRUCTURE
KR20110006155 A 20110120	KR20090063657 20090713	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/10	FUEL CELL HAVING SINGLE BODY SUPPORT
KR20110005158 A 20110117	KR20090062720 20090709	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/12	FUEL CELL HAVING SUPPORT OF MESH STRUCTURE
KR20110028964 A 20110322	KR20090086620 20090914	SAMSUNG ELECTRO MECH [KR]	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL BUNDLE
KR20110028962 A 20110322	KR20090086618 20090914	SAMSUNG ELECTRO MECH [KR]	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL
KR20110027446 A 20110316	KR20090085543 20090910	SAMSUNG ELECTRO MECH [KR]	H01M8/24; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL AND A METHOD OF MANUFACTURING THE SAME
KR20110027443 A 20110316	KR20090085540 20090910	SAMSUNG ELECTRO MECH [KR]	H01M8/24; H01M8/12	SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL BUNDLE

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KR20110023360 A 20110308	KR20090081189 20090831	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/24	MANIFOLD FOR SERIES CONNECTION OF FUEL CELL
KR20110023359 A 20110308	KR20090081188 20090831	SAMSUNG ELECTRO MECH [KR]	H01M8/02; H01M8/12	CURRENT COLLECTOR STRUCTURE FOR TUBULAR SOLID OXIDE FUEL CELL
KR20110023324 A 20110308	KR20090081115 20090831	SAMSUNG ELECTRO MECH [KR]	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL AND A METHOD OF MANUFACTURING THE SAME
KR20110060521 A 20110608	KR20090117124 20091130	SAMSUNG ELECTRO MECH [KR]	H01M8/02	CURRENT COLLECTOR PLATE FOR FUEL CELL, FUEL CELL HAVING THE SAME AND METHOD OF MANUFACTURING CURRENT COLLECTOR PLATE FOR FUEL CELL
KR20110028485 A 20110318	KR20070111587 20071102	SAMSUNG ELECTRONICS CO LTD [KR]	C07D265/34; C07D413/04; H01M4/86; H01M8/02	NAPHTHOXAZINE BENZOXAZINE-BASED MONOMER, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE SAME, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME, AND FUEL CELL USING THE SAME
US2011086290 A1 20110414	KR20090096397 20091009	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10	INORGANIC PROTON CONDUCTOR AND METHOD OF PREPARING INORGANIC PROTON CONDUCTOR
US2011081599 A1 20110407	KR20090094679 20091006	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; B01J21/18; B01J23/32; B01J23/44; H01M4/88	ELECTRODE CATALYST FOR FUEL CELL, METHOD OF PREPARING ELECTRODE CATALYST, AND FUEL CELL USING ELECTRODE CATALYST

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KR20110069497 A 20110623	KR20090126256 20091217	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/04; G01R11/00	METHOD FOR CONTROLLING FUEL CELL SYSTEM
US2011151354 A1 20110623	KR20090126121 20091217	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; B01J21/18; H01M4/88; H01M4/92	ELECTRODE CATALYST FOR FUEL CELL, METHOD OF MANUFACTURING THE SAME, AND FUEL CELL USING THE ELECTRODE CATALYST
US2011143231 A1 20110616	KR20090123394 20091211	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/06; H01M8/04	INTEGRATED PIPING MODULE IN FUEL CELL SYSTEM
US2011143258 A1 20110616	KR20090123397 20091211	SAMSUNG ELECTRONICS CO LTD [KR]	H01M8/10; H01B1/12	ORGANIC/INORGANIC COMPLEX PROTON CONDUCTOR, ELECTRODE FOR FUEL CELL INCLUDING ORGANIC/INORGANIC COMPLEX PROTON CONDUCTOR, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING ORGANIC/INORGANIC COMPLEX PROTON CONDUCTOR, AND FUEL CELL INCLUDING ORGANIC/INORGANIC COMPLEX PROTON CONDUCTOR
US2011053039 A1 20110303	KR20090081975 20090901	SAMSUNG ELECTRONICS CO LTD [KR]; POSTECH ACAD IND FOUND [KR]	H01M8/10; B01J27/22; H01M4/88	ELECTRODE CATALYST, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE ELECTRODE CATALYST
US2011081598 A1 20110407	KR20090095266 20091007	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG SDI CO LTD [KR]	H01M8/10	SOLID OXIDE ELECTROLYTE, SOLID OXIDE FUEL CELL CONTAINING THE SOLID OXIDE ELECTROLYTE, AND METHOD OF PREPARING THE SOLID OXIDE ELECTROLYTE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011091794 A1 20110421	KR20090098774 20091016	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG SDI CO LTD [KR]; INHA IND PARTNERSHIP INST [KR]	H01M8/10; H01B1/02	FUEL ELECTRODE MATERIAL AND SOLID OXIDE FUEL CELL INCLUDING THE FUEL ELECTRODE MATERIAL
KR20110042892 A 20110427	KR20090099756 20091020	SAMSUNG HEAVY IND [KR]	F24J3/00; C12P3/00; H01M8/00	MARINE STRUCTURE FOR GENERATING POWER USING HOT WATER GUSHING OUT OF SEABED
KR20110024000 A 20110309	KR20090081831 20090901	SAMSUNG HEAVY IND [KR]	H01M8/04	FUEL CELL
KR20110066335 A 20110617	KR20090122947 20091211	SAMSUNG HEAVY IND [KR]	C01B3/06; B63J99/00; H01M8/04	PHOTOCATALYTIC DECOMPOSITION OF HYDROGEN SULFIDE FOR SHIP INSTALLED APPARATUS AND ITS METHOD
KR20110064723 A 20110615	KR20090121438 20091208	SAMSUNG HEAVY IND [KR]	H01M8/04; C25B1/04; H01M8/14	APPARATUS FOR LOAD FOLLOWING FUEL CELL POWER GENERATION SYSTEM IN A SHIP AND METHOD THEREOF
KR20110051586 A 20110518	KR20090108234 20091110	SAMSUNG HEAVY IND [KR]	B63H21/17; B63B11/02; B63H21/38; H01M8/04	VESSEL MOUNTED WITH FUEL CELL
US2011039184 A1 20110217	US20100911352 20101025; KR20040088218 20041102; US20050262812 20051101	SAMSUNG SDI CO LTD [KR]	H01M8/10; B01J21/18; C09C1/44; H01M4/38	CARBON NANOSPHERE WITH AT LEAST ONE OPENING, METHOD FOR PREPARING THE SAME, CARBON NANOSPHERE-IMPREGNATED CATALYST USING THE CARBON NANOSPHERE, AND FUEL CELL USING THE CATALYST



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US2011027680 A1 20110203	KR20090069430 20090729	SAMSUNG SDI CO LTD [KR]	H01M8/04	FUEL CELL SYSTEM
KR20110030900 A 20110324	KR20090088561 20090918	SAMSUNG SDI CO LTD [KR]	H01M8/04; H01M8/12	MANIFOLD AND SOLID OXIDE FUEL CELL MODULE HAVING THE SAME
KR20110030878 A 20110324	KR20090088522 20090918	SAMSUNG SDI CO LTD [KR]	H01M8/12; H01M8/02; H01M8/24	UNIT CELL OF SOLID OXIDE FUEL CELL AND STACK USING THE SAME
US2011081594 A1 20110407	KR20090095258 20091007	SAMSUNG SDI CO LTD [KR]	H01M2/16; B05D5/12; B29C59/00; H01M8/04	POLYMER MEMBRANE FOR BATTERY, METHOD OF PREPARING SAME AND BATTERY INCLUDING SAME
EP2296212 A1 20110316	US20090242689P 20090915	SAMSUNG SDI CO LTD [KR]	H01M8/12; H01M8/24	A CELL MODULE FOR A SOLID OXIDE FUEL CELL
US2011059381 A1 20110310	KR20090084180 20090907	SAMSUNG SDI CO LTD [KR]	H01M8/04; B01J20/00	FUEL CELL SYSTEM
EP2293372 A1 20110309	US20090240095P 20090904	SAMSUNG SDI CO LTD [KR]	H01M8/12; H01M8/24	COMBINED CELL STRUCTURE FOR SOLID OXIDE FUEL CELL
US2011053029 A1 20110303	KR20090079466 20090826	SAMSUNG SDI CO LTD [KR]	H01M8/24; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL AND FUEL CELL STACK

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110074416 A 20110630	US20100782437 20100518; US20090290137P 20091224	SAMSUNG SDI CO LTD [KR]	H01M8/06; C01B3/36; H01M8/10	REFORMER WITH HIGH DURABILITY
KR20110074413 A 20110630	US20100761598 20100416; US20090290144P 20091224	SAMSUNG SDI CO LTD [KR]	H01M8/06; C01B3/38	REFORMER WITH HIGH DURABILITY
KR20110054206 A 20110525	KR20090110773 20091117	SAMSUNG SDI CO LTD [KR]	C01B3/58; C10K3/04; H01M8/04	PREFERENTIAL OXIDATION REACTOR
US2011123900 A1 20110526	US201113021588 20110204; KR20050062927 20050712; US20060415147 20060502	SAMSUNG SDI CO LTD [KR]	H01M8/10	ION CONDUCTIVE COMPOSITE MEMBRANE USING INORGANIC CONDUCTOR
US2011117460 A1 20110519	KR20090111397 20091118	SAMSUNG SDI CO LTD [KR]	H01M8/06	FUEL CELL SYSTEM AND OPERATION METHOD THEREOF
JP2011096559 A 20110512	JP20090250656 20091030	SANYO ELECTRIC CO [JP]	H01M8/04; H01M8/02	FUEL CELL MODULE
WO2011013268 A1 20110203	JP20090180091 20090731	SANYO ELECTRIC CO [JP]; NISHIKAWA MASATO [JP]; NAKAMURA TAKAHIRO [JP]	H01M8/06; H01M8/04; H01M8/10	DEVICE FOR REMOVING GENERATED WATER

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WO2011013267 A1 20110203	JP20090180090 20090731	SANYO ELECTRIC CO [JP]; NISHIKAWA MASATO [JP]; NAKAMURA TAKAHIRO [JP]	H01M8/06; H01M8/04; H01M8/10	DEVICE FOR REMOVING GENERATED WATER
WO2011013266 A1 20110203	JP20090180089 20090731	SANYO ELECTRIC CO [JP]; NISHIKAWA MASATO [JP]; NAKAMURA TAKAHIRO [JP]	H01M8/06; H01M8/04; H01M8/10	DEVICE FOR REMOVING GENERATED WATER
JP2011028869 A 20110210	JP20090170680 20090722	SANYO SPECIAL STEEL CO LTD; NARA INST SCIENCE & TECHNOLOGY	H01M8/02; H01M4/86; H01M4/94; H01M8/12	FUEL CELL USING METAL POWDER SUPPORT
WO2011048825 A1 20110428	JP20090241765 20091020	SATO LIGHT IND CO LTD [JP]; ITO OSAMU; OMA MASANORI	F16L37/32; F16K1/00; F16K15/18; H01M8/04; H01M8/10	LIQUID INJECTION DEVICE
US2011117474 A1 20110519	US20100656287 20100125; JP20040173100 20040610; US20050149248 20050610	SAWA HARUO [JP]	G01N27/406; H01M8/10; C08F8/00; C08F16/02; C08F30/00; C08K3/00; C08K3/32; C08K3/38; C08L29/02; C08L29/04; C08L43/00; C08L101/06; C09K3/00; C25B1/00; C25B13/04; H01B1/06; H01M6/06; H01M8/02; H01M10/36	SOLID ELECTROLYTE AND ELECTROCHEMICAL SYSTEM INCLUDING THE SOLID ELECTROLYTE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT503282T T 20110415	EP20050002446 20050204; WO2006EP00628 20060125	SCHERRER INST PAUL [CH]	H01M8/10; C08J7/18	A METHOD FOR PREPARING A MEMBRANE TO BE ASSEMBLED IN A MEMBRANE ELECTRODE ASSEMBLY AND MEMBRANE ELECTRODE ASSEMBLY
JP2011040289 A 20110224	JP20090187125 20090812	SECOM CO LTD	H01M8/04; F24H1/00	POWER GENERATION SYSTEM AND AUXILIARY UNIT OF POWER GENERATION SYSTEM
EP2280441 A2 20110202	EP20040713683 20040223; JP20030045897 20030224; JP20040033141 20040210	SEIKO INSTR INC [JP]	H01M8/06; H01M8/10; B01J7/00; C01B3/00; H01M8/04	FUEL CELL SYSTEM
KR20110061896 A 20110610	KR20090118436 20091202	SEJONG IND CO LTD [KR]	H01M8/04; F28F3/08; H01M8/06	HEAT EXCHANGER AND REFORMER HAVING THE SAME
JP2011074196 A 20110414	JP20090226614 20090930	SEKISUI CHEMICAL CO LTD	C08F283/12; C08F2/44; C08J5/22; H01B1/06; H01M8/02; H01M8/10	PROTON CONDUCTIVE MATERIAL, PROTON CONDUCTIVE ELECTROLYTE MEMBRANE, PROTON CONDUCTIVE ELECTROLYTE MEMBRANE WITH PROTON CONDUCTIVE ELECTROLYTE LAYER, MEMBRANE-ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
JP2011076806 A 20110414	JP20090225689 20090930	SEKISUI CHEMICAL CO LTD	H01M4/86; H01M4/88; H01M8/10	PASTE FOR ELECTRODE, ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL
US2011136020 A1 20110609	US20100899475 20101006; US20080135655 20080609	SEPEHRY-FARD FAREED [US]; FATEHI MOHAMMED TAGHI [US]	H01M8/02; F24J2/00; F24J2/38; H01L31/0232	MULTI-ELEMENT CONCENTRATOR SYSTEM

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AT498210T T 20110215	EP20030010619 20030512	SFC ENERGY AG [DE]	H01M8/04; H01M8/06	FUEL SUPPLY MONITORING OF A FUEL CELL SYSTEM
CN102024958 A 20110420	CN20101211897 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	H01M8/02; C08L23/08; C08L27/12; C08L27/16; C08L27/18; C08L27/20; H01M2/16	PROTON EXCHANGE MEMBRANE AND PREPARATION METHOD AND APPLICATION THEREOF
CN102019147 A 20110420	CN20101211887 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	B01D71/32; B01D67/00; C08L27/12; C08L27/18; C08L27/20; H01M2/16; H01M8/02	PROTON EXCHANGE MEMBRANE AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF
CN102013499 A 20110413	CN20101211920 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	H01M8/02; C08J3/24; C08J5/22; C08J7/00; C08K3/26; C08K3/28; C08K5/57; C08L27/18; C08L51/00; H01M2/16	FLUORINE-CONTAINING IONOMER COMPOSITE MATERIAL WITH FUNCTION OF ION EXCHANGE AND PREPARATION METHOD AND APPLICATION THEREOF
CN102013498 A 20110413	CN20101211917 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	H01M8/02; C08J3/24; C08J7/04; C08J7/18; C08K3/28; C08L27/12; C08L27/18; C08L51/00; H01M2/16	FLUORINE-CONTAINING IONOMER COMPOSITE MATERIAL WITH ION EXCHANGE FUNCTION AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF
CN102010555 A 20110413	CN20101211910 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	C08L27/18; C08J3/24; C08J7/12; C08L23/08; C08L27/12; C08L27/16; C08L27/20; H01M2/16; H01M8/02	FLUORINE-CONTAINING IONOMER COMPOSITE WITH ION EXCHANGE FUNCTION AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF
CN102008905 A 20110413	CN20101211875 20100618	SHANDONG DONGYUE SHENZHOU NEW MATERIAL CO., LTD.	B01D71/32; B01D67/00; B01D69/02; C08L27/12; H01M2/16; H01M8/02	PROTON EXCHANGE FILM AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF

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CN101976738 A 20110216	CN20101252082 20100812	SHANGHAI AUTOMOTIVE INDUSTRY CORPORATION (GROUP)	H01M8/04; G01R31/36	INTEGRATED MATCHING PLATFORM OF VEHICLE FUEL CELL SYSTEM
CN101963081 A 20110202	CN20101252100 20100812	SHANGHAI AUTOMOTIVE INDUSTRY CORPORATION (GROUP)	F01N1/06; F01N1/08; H01M8/02	FUEL CELL ENGINE EXHAUST SILENCER
CN201749102U U 20110216	CN20102518835U 20100907	SHANGHAI EVERPOWER TECHNOLOGIES LTD.	G01N27/60; H01M8/16	FUEL CELL COMPRISING PLURALITIES OF INDEPENDENT BATTERY SUB-UNITS
CN201741756U U 20110209	CN20102165693U 20100330	SHANGHAI EVERPOWER TECHNOLOGIES LTD.	H01M8/24; H01M4/86	FUEL CELL COMPRISING PLURALITIES OF INDEPENDENT BATTERY SUB-UNITS
CN201741752U U 20110209	CN20102165670U 20100330	SHANGHAI EVERPOWER TECHNOLOGIES LTD.	H01M4/86; H01M8/02	AIR-PERMEABLE LAYER OF FUEL CELL
CN201741755U U 20110209	CN20102145589U 20100330	SHANGHAI EVERPOWER TECHNOLOGIES LTD.	H01M8/10; H01M4/86; H01M4/90	FUEL CELL WITH INDEPENDENT REACTION AREAS
CN102035008 A 20110427	CN20101551906 20101116	SHANGHAI HENGJIN POWER TECHNOLOGY CO., LTD.	H01M8/24; H01M8/04	FUEL BATTERY SYSTEM USING VESSEL- CONTAINED OXYGEN GAS AS OXIDIZER AND CONTROL SYSTEM THEREOF
CN201796995U U 20110413	CN20102165684U 20100330	SHANGHAI HENGJIN POWER TECHNOLOGY CO., LTD.	H01M4/86; H01M8/04; H01M8/10	PLATE FOR FUEL CELL AND FUEL CELL THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101989665 A 20110323	CN20101245412 20100803	SHANGHAI HENGJIN POWER TECHNOLOGY CO., LTD.	H01M8/24; H01M8/04	SELF-CIRCULATION FUEL CELL CONTROL SYSTEM AND METHOD THEREOF
CN102034992 A 20110427	CN20101543095 20101113	SHANGHAI JIAO TONG UNIVERSITY	H01M8/02	ALUMINUM ALLOY HYDROGEN BOTTLE FRAME FOR AUTOMOBILES
CN101962445 A 20110202	CN20101276250 20100908	SHANGHAI NATIONAL ENGINEERING RESEARCH CENTER FOR NANOTECHNOLOGY CO., LTD.	C08J5/18; C08K3/38; C08L29/04; H01G9/022; H01M8/10; H01M10/26	SODIUM ION-CONDUCTIVE POLYMER ELECTROLYTE AND PREPARATION METHOD AND APPLICATION THEREOF
CN101958425 A 20110126	CN20091055163 20090721	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO., LTD.	H01M8/24; H01M4/86; H01M8/00; H01M8/02	FUEL CELL STACK WITH INTERNAL SINGLE CELLS IN DIFFERENT STOICHIOMETRIC PROPORTIONS
CN101958422 A 20110126	CN20091055162 20090721	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO., LTD.	H01M8/04	METHOD FOR ENHANCING RUNNING DURABILITY OF FUEL CELL
CN101944625 A 20110112	CN20091054531 20090708	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO., LTD.	H01M8/24; H01M8/04	AIR-COOLED FUEL CELL SYSTEM
CN102020780 A 20110420	CN20101556437 20101124	SHENYANG UNIVERSITY OF TECHNOLOGY	C08J5/18; C08K3/24; C08L33/12; C08L67/02; C08L71/02; H01M8/02	METHOD FOR PREPARING ALL-SOLID- STATE POLYMER ELECTROLYTE MEMBRANE AND PREPARED ELECTROLYTE MEMBRANE

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US2011076578 A1 20110331	JP20090227347 20090930; JP20100179313 20100810	SHIGEZUMI TSUKASA [JP]; OTSUKA TOSHIHARU [JP]; TSUCHIYA KATSUHISA [JP]; NAKANO KIYOTAKA [JP]; OOE TOSHIHARU [JP]	H01M8/06	SOLID OXIDE FUEL CELL DEVICE
JP2011089944 A 20110506	JP20090245134 20091026	SHIMADZU CORP	G01N21/78; H01M8/04	FUEL CELL REACTION MEASURING DEVICE
US2011054692 A1 20110303	KR20090082440 20090902	SHIN WOO-CHEOL [KR]	H01M8/18; G05B21/00	REFORMER AND CONTROL METHOD THEREFOR
US2011003239 A1 20110106	US20100878078 20100909; JP20020372853 20021224; JP20030173155 20030618; US20050540028 20050622; WO2003JP16626 20031224; US20030437317P 20030102	SHOWA DENKO KK [JP]	H01M8/04; H01B1/24; H01M2/16	CURABLE COMPOSITION, CURED PRODUCT THEREOF, MOLDED PRODUCT THEREOF AND USE AS FUEL CELL SEPARATOR
WO2011077991 A1 20110630	JP20090294869 20091225	SHOWA DENKO KK [JP]; IMAI TAKUYA [JP]; WAKIZAKA YASUAKI [JP]; SHISHIKURA TOSHIKAZU [JP]; HORIKITA MASAOKI [JP]; OTA KENICHIRO [JP]	H01M4/86; H01M4/90; H01M8/10	INK, CATALYST LAYER FOR FUEL CELL PRODUCED USING THE INK, AND USE OF THE CATALYST LAYER



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WO2011049173 A1 20110428	JP20090243604 20091022	SHOWA DENKO KK [JP]; LEE KUNCHAN [JP]; KONTA RYOUKO [JP]; WAKIZAKA YASUAKI [JP]; MONDEN RYUJI [JP]; SHISHIKURA TOSHIKAZU [JP]; OTA KENICHIRO [JP]	H01M4/90; B01J27/22; B01J27/24; H01M8/10	CATALYST FOR DIRECT LIQUID FUEL CELL, AND FUEL CELL USING THE CATALYST
WO2011007790 A1 20110120	JP20090167635 20090716	SHOWA DENKO KK [JP]; WAKIZAKA YASUAKI [JP]; MONDEN RYUJI [JP]; SHISHIKURA TOSHIKAZU [JP]; IMAI TAKUYA [JP]; OTA KENICHIRO [JP]	H01M4/88; B01J27/24; H01M4/90; H01M8/10	PROCESS FOR PRODUCTION OF FUEL CELL CATALYST, FUEL CELL CATALYST PRODUCED BY THE PROCESS, AND USE OF THE FUEL CELL CATALYST
JP2011029049 A 20110210	JP20090175008 20090728	SHOWA SHELL SEKIYU	H01M8/04; H01M4/86; H01M8/12	FUEL CELL SYSTEM AND ITS STARTING METHOD
CN102034998 A 20110427	CN20101553085 20101122	SICHUAN UNIVERSITY	H01M8/04; H01M8/16	ENHANCING METHOD OF OXYGEN MASS TRANSFER EFFICIENCY OF MICROBIAL FUEL CELL CATHODE AND CORRESPONDING CELL
EP2280440 A1 20110202	EP20090166816 20090730	SIEMENS AG [DE]	H01M8/04; H01M8/06; H01M8/24	FUEL CELL DEVICE WITH SEVERAL CASCADE STEPS
DE102009057720 A1 20110616	DE200910057720 20091210	SIEMENS AG [DE]	H01M8/12	BATTERIE UND VERFAHREN ZUM BETREIBEN EINER BATTERIE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE102009057718 A1 20110616	DE200910057718 20091210	SIEMENS AG [DE]	H01M8/12	BATTERIE UND VERFAHREN ZUM BETREIBEN EINER BATTERIE
WO2011005426 A1 20110113	US20090490495 20090624	SIEMENS ENERGY INC [US]; ZHANG GONG [US]; RUKA ROSWELL J [US]; LU CHUN [US]	H01M8/12; H01M8/24	BI CONTAINING SOLID OXIDE FUEL CELL SYSTEM WITH IMPROVED PERFORMANCE AND REDUCED MANUFACTURING COSTS
WO2011073553 A2 20110623	FR20090059203 20091218	SNECMA [FR]; LOEVENBRUCK COME [FR]; INDERSIE DOMINIQUE [FR]; BOUKHALFA ABDELKRIM [FR]; TALBOT BENOIT [FR]	F24H1/28; F23D14/02; F23D14/08; F23L7/00; F24H1/20; F28D7/10; H01M8/04; H01M8/06	HEAT EXCHANGER FOR A HOT FUEL CELL
WO2011012818 A1 20110203	FR20090055368 20090730	SNECMA [FR]; UNIV LA ROCHELLE [FR]; PEDRAZA DIAZ FERNANDO [FR]; BOUCHAUD BAPTISTE [FR]; BALMAIN JOSSELINE [FR]; BONNET GILLES [FR]; MENUY JUSTINE [FR]	C25D9/08; C08F10/00; C23C4/10; C23C14/08; F01D5/28; F02D41/14; H01M8/12	PART COMPRISING A SUBSTRATE SUPPORTING A CERAMIC COATING LAYER
KR20110019586 A 20110228	KR20090077187 20090820	SNU R&DB FOUNDATION [KR]	H01M8/02; H01M8/24	FUEL CELLS SHARING ANODE FLOWFIELD AND FUEL CELL POWER GENERATION APPARATUS

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KR20110024920 A 20110309	KR20090083107 20090903	SNU R&DB FOUNDATION [KR]	H01M8/02; H01M8/04	FUEL FLUID PRODUCER INTEGRATED FUEL CELL GENERATOR
KR20110009577 A 20110128	KR20090067042 20090722	SNU R&DB FOUNDATION [KR]; IND ACADEMIC COOP [KR]	H01M8/04; H01M8/12	ELECTRONIC CONDUCTIVITY CONTROL IN SOFC ELECTROLYTE OF SOFC BY OXYGEN PARTIAL PRESSURE IN ANODE AND WORKING METHOD THEREOF
US2011159383 A1 20110630	US201113036733 20110228; JP20020120687 20020423; US20070703188 20070207; US20030386470 20030313	SONE YOSHITSUGU [JP]; UENO MITSUSHI [JP]; KUWASHIMA SABUROU [JP]	H01M8/02; H01M8/04; H01M8/06; H01M8/10; H01M8/24	SOLID POLYMER ELECTROLYTE FUEL CELL
JP2011034928 A 20110217	JP20090182965 20090806	SONY CORP [JP]	H01M8/02; C07C309/06; C07C309/10; H01B1/06; H01M8/10	ION CONDUCTIVE COMPOSITE, MEMBRANE ELECTRODE ASSEMBLY (MEA), AND ELECTROCHEMICAL DEVICE
JP2011032117 A 20110217	JP20090178517 20090731	SONY CORP [JP]	C01B31/02; B01J21/18; H01G9/058; H01M4/587; H01M4/96; H01M8/10	METHOD FOR MANUFACTURING POROUS CARBON AND METHOD FOR MANUFACTURING ELECTRONIC DEVICE
JP2011034740 A 20110217	JP20090178494 20090731	SONY CORP [JP]	H01M4/86; H01M8/02; H01M8/24	FUEL CELL
JP2011021084 A 20110203	JP20090166249 20090715	SONY CORP [JP]	C08L27/12; C08K5/521; C08K5/5419; C08K5/55; C08L27/16; H01B1/06; H01B13/00; H01M8/02; H01M8/10	ION-CONDUCTIVE COMPLEX AND PRODUCTION METHOD OF THE SAME, MEMBRANE ELECTRODE ASSEMBLY (MEA), AND ELECTROCHEMICAL DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT496401T T 20110215	JP19990204038 19990719; JP20000058116 20000303; JP20000157509 20000529; WO2000JP04864 20000719	SONY CORP [JP]	H01M8/10; H01B1/04; H01B1/12; H01M4/86; H01M4/88; H01M6/18; H01M10/34	PROTON CONDUCTING MATERIAL AND METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME
JP2011003303 A 20110106	JP20090143287 20090616	SONY CORP [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND ELECTRONIC APPARATUS
US2011052953 A1 20110303	JP20090195589 20090826	SONY CORP [JP]	H01M8/10; H01M4/88	NEGATIVE ELECTRODE, NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND METHOD FOR MANUFACTURING THE SAME
WO2011016336 A1 20110210	JP20090180513 20090803	SONY CORP [JP]; HIRAKIMOTO TAKURO [JP]; FUKUSHIMA KAZUAKI [JP]; KISHIMOTO KENJI [JP]	H01M8/02; H01B1/06; H01M8/10	ION-CONDUCTIVE COMPOSITE ELECTROLYTE FILM AND FUEL CELL INCLUDING SAME
WO2011010742 A1 20110127	JP20090170930 20090722	SONY CORP [JP]; HIRAKIMOTO TAKURO [JP]; FUKUSHIMA KAZUAKI [JP]; KISHIMOTO KENJI [JP]	H01M8/02; H01B1/06; H01B13/00	ION-CONDUCTIVE COMPOSITE ELECTROLYTE AND MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME, ELECTROCHEMICAL APPARATUS USING THE MEMBRANE-ELECTRODE ASSEMBLY, AND METHOD FOR PRODUCING ION-CONDUCTIVE COMPOSITE ELECTROLYTE MEMBRANE
WO2011007702 A1 20110120	JP20090166293 20090715	SONY CORP [JP]; KISHIMOTO KENJI [JP]; FUKUSHIMA KAZUAKI [JP]; HIRAKIMOTO TAKURO [JP]	H01B1/06; C01B31/02; C08K13/06; C08L27/16; C08L27/18; C08L27/20; H01B13/00; H01M4/86; H01M8/02; H01M8/10	ION-CONDUCTING PARTICLE AND MANUFACTURING METHOD THEREFOR, ION-CONDUCTING COMPOSITE, MEMBRANE ELECTRODE ASSEMBLY (MEA), AND ELECTROCHEMICAL DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011002045 A1 20110106	JP20090156559 20090701	SONY CORP [JP]; KISHIMOTO KENJI [JP]; FUKUSHIMA KAZUAKI [JP]; HIRAKIMOTO TAKURO [JP]	H01M8/02; C08K3/04; C08L27/16; H01B1/06; H01M8/10	ION-CONDUCTIVE COMPOSITE, MEMBRANE ELECTRODE ASSEMBLY (MEA), AND ELECTROCHEMICAL DEVICE
WO2011004765 A1 20110113	JP20090164048 20090710	SONY CORP [JP]; SHIMURA JUSUKE [JP]	G01F23/26; H01M8/04	LIQUID TANK AND FUEL CELL
WO2011034112 A1 20110324	JP20090214071 20090916	SONY CORP [JP]; SHIMURA JUSUKE [JP]; INOUE YOSHIKI [JP]	H02J7/35; H01L31/042; H01M8/00; H01M8/04; H01M10/44; H01M14/00; H02J7/00	HYBRID POWER SUPPLY SYSTEM
CN102020781 A 20110420	CN20101526791 20101030	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	C08J5/22; C08K5/3415; C08K5/42; C08L61/16; H01M2/16; H01M8/02	MODIFIED SULFONATED POLY ETHER ETHER KETONE (SPEEK) MEMBRANE APPLIED TO DIRECT METHANOL FUEL CELL (DMFC) AND PREPARATION METHOD OF SPEEK MEMBRANE
CN102002167 A 20110406	CN20101526775 20101030	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	C08J5/18; C08K5/3415; C08K5/42; C08L27/18; H01M2/16; H01M8/02	PROTON EXCHANGE MEMBRANE APPLIED TO DIRECT METHANOL FUEL CELL AND PREPARATION METHOD THEREOF
CN101944624 A 20110112	CN20101277559 20100910	SOUTHEAST UNIVERSITY	H01M8/16	MICROBIAL FUEL CELL TAKING BLUE ALGAE AS ENERGY SOURCE
CN101943677 A 20110112	CN20101273631 20100907	SOUTHEAST UNIVERSITY	G01N27/60; H01M8/16	BLUE GREEN ALGAE CONCENTRATION MONITORING SYSTEM WITH MICROORGANISM FUEL CELL POWER SUPPLY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102004225 A 20110406	CN20101287471 20100920	SOUTHEAST UNIVERSITY	G01R31/36; H01M8/04	TEST METHOD AND DEVICE FOR HALF CELL OF FLUID BED ELECTRODE DIRECT CARBON FUEL CELL
CN101997329 A 20110330	CN20101582561 20101210	SOUTHEAST UNIVERSITY	H02J7/00; C12M1/107; H01M8/16	COMBINED DEVICE FOR PRODUCING METHANE AND GENERATING ELECTRICITY BY USING METHANE LIQUID
KR20110022911 A 20110308	KR20090080413 20090828	SSANGYONG MATERIALS CORP [KR]	H01M8/12; H01M8/02	FLAT TUBE TYPE SOLID OXIDE FUEL CELL MODULE
KR20110022907 A 20110308	KR20090080409 20090828	SSANGYONG MATERIALS CORP [KR]	H01M8/12; H01M4/86; H01M8/02	FLAT TUBE TYPE SOLID OXIDE FUEL CELL MODULE
US2011159384 A1 20110630	IT2009MI02333 20091230	ST MICROELECTRONICS SRL [IT]	H01M8/06; C01B3/04	CARTRIDGE FOR HYDROGEN PRODUCTION, SYSTEM FOR HYDROGEN PRODUCTION AND CORRESPONDING PROCESS OF MANUFACTURE
US2011045362 A1 20110224	DE200910038693 20090824	STAXERA GMBH [DE]	H01M8/02; B23K31/02; H01B5/00; H01B13/22; H02G15/20	OXIDATION-RESISTANT COMPOSITE CONDUCTOR AND MANUFACTURING METHOD FOR THE COMPOSITE CONDUCTOR
DE102009053127 A1 20110519	DE200910053127 20091113	STAXERA GMBH [DE]	H01M8/04; G01N27/406	METHOD FOR MEASURING E.G. CONTENT OF OXYGEN IN EXHAUST GAS OF FUEL CELL ARRANGEMENT IN MOTOR VEHICLE, INVOLVES OPERATING GAS SENSOR IN MEASUREMENT MODE FOR DETERMINING TEMPERATURE IN ELECTROLYSIS OPERATION

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
NL2003106C C 20110104	NL20092003106 20090630	STICHTING WETSUS CT OF EXCELLENCE FOR SUSTAINABLE WATER TECHNOLOGY [NL]	B01D61/50; B01D63/08; B01D69/06; C02F1/469; H01M8/22	MEMBRANE, STACK OF MEMBRANES FOR USE IN AN ELECTRODE-MEMBRANE PROCESS, AND DEVICE AND METHOD THEREFORE.
NL2003812C C 20110518	NL20092003812 20091117	STICHTING WETSUS CT OF EXCELLENCE FOR SUSTAINABLE WATER TECHNOLOGY [NL]	H01M8/16; H01M8/22	BIO-ELECTROCHEMICAL DEVICE AND METHOD FOR UPGRADING A FLUID.
KR20110034230 A 20110405	KR20090091697 20090928	STX METAL CO LTD [KR]	H01M8/02; H01M8/10	BIPOLAR PLATE OF PROTON EXCHANGE MEMBRANE FUEL CELL
KR20110034226 A 20110405	KR20090091689 20090928	STX METAL CO LTD [KR]	H01M8/04; B08B3/12; C25F3/06	SURFACE TREATMENT METHOD OF STAINLESS STEEL FOR END PLATE OF PROTON EXCHANGE MEMBRANE FUEL CELL
DE202010016522U U1 20110217	DE201020016522U 20100414	SUED CHEMIE AG [DE]	B01D53/02; B01D53/04; C10L3/10; H01M8/06	VORRICHTUNG ZUR ADSORPTIONSBEHANDLUNG EINES FLUIDS ODER FLUIDSTROMS
US2011117473 A1 20110519	KR20090110772 20091117	SUH JUN-WON [KR]	H01M8/04; H01M8/24	MANIFOLD DEVICE FOR TUBE TYPE SOLID OXIDE FUEL CELL
US2011039179 A1 20110217	KR20090075912 20090817	SUH JUN-WON [KR]; AN SEONG-JIN [KR]; LEE CHI-SEUNG [KR]; PARK JUN-YOUNG [KR]; LEE JIN-HWA [KR]	H01M8/04; H01M8/06	FUEL CELL STACK AND FUEL CELL SYSTEM USING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011078585 A2 20110630	KR20090129361 20091222; KR20100014723 20100218; KR20100061995 20100629	SUH KWANG SUCK [KR]; KIM JONG EUN [KR]; KIM TAE YOUNG [KR]	H01M4/583; C01B31/02; C08K3/04; H01G9/042; H01M4/60; H01M8/02	ELECTROCHEMICAL DEVICE
US2011053047 A1 20110303	US20100908918 20101021; EP20040405424 20040706; US20060630098 20061219; WO2005EP52934 20050623	SUISSE ELECTRONIQUE MICROTECH [CH]	H01M8/02; H01M8/00	MINIATURE FUEL CELL CORE
JP2011009201 A 20110113	JP20090126711 20090526; JP20100118580 20100524	SUMITOMO CHEMICAL CO [JP]	H01M8/02; C08G81/00; H01B1/06; H01M8/04; H01M8/10	POLYMER ELECTROLYTE MEMBRANE, AND SOLID POLYMER FUEL CELL
JP2011074107 A 20110414	JP20090223958 20090929	SUMITOMO CHEMICAL CO [JP]	C08G61/10	METHOD OF PRODUCING AROMATIC POLYMER
JP2011088945 A 20110506	JP20090241204 20091020	SUMITOMO CHEMICAL CO [JP]	C08G61/00	METHOD FOR PRODUCING POLYARYLENE
JP2011102389 A 20110526	JP20090239441 20091016; JP20100232643 20101015	SUMITOMO CHEMICAL CO [JP]	C08G61/12; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYMER, POLYMER ELECTROLYTE AND APPLICATION OF THE SAME
JP2011103297 A 20110526	JP20090239436 20091016; JP20100232640 20101015	SUMITOMO CHEMICAL CO [JP]	H01M8/04; C08J5/20; C08J7/02; H01B1/06; H01B13/00; H01M8/02; H01M8/10	POLYELECTROLYTE AND PROCESSING METHOD THEREFOR, DURABILITY DISCRIMINATION METHOD, AND QUALITY CONTROL METHOD
JP2011103296 A 20110526	JP20090239435 20091016; JP20100232636 20101015	SUMITOMO CHEMICAL CO [JP]	H01M8/02; C08J5/22; H01B1/06; H01M8/04; H01M8/10	POLYMER ELECTROLYTE MEMBRANE, PROCESSING METHOD THEREOF, AND DURABILITY INSPECTION METHOD



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011059115 A1 20110519	JP20090260723 20091116	SUMITOMO CHEMICAL CO [JP]; KOSHINO NOBUYOSHI [JP]; ONODERA TORU [JP]	H01M4/86; B01J31/22; C08G61/00; C08L101/00; H01M4/90; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING SAME
WO2011052724 A1 20110505	JP20090250559 20091030	SUMITOMO CHEMICAL CO [JP]; KOYAMA ATSUNOBU [JP]; SHUDO ATSUSHI [JP]	H01B13/00; H01B1/06	METHOD FOR PRODUCING SOLID ELECTROLYTE FILM
WO2011062302 A1 20110526	JP20090264777 20091120	SUMITOMO CHEMICAL CO [JP]; NAKAMURA TAISUKE [JP]	C08G61/12; C08J5/22; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYARYLENE BLOCK COPOLYMER AND USE THEREOF
WO2011046234 A1 20110421	JP20090239086 20091016	SUMITOMO CHEMICAL CO [JP]; NAKAMURA TAISUKE [JP]; MACHIDA YOICHIRO [JP]	C08G61/12; C08G61/10; H01B1/06; H01M4/86; H01M8/02; H01M8/10	POLYARYLENE COPOLYMER AND USES THEREOF
WO2011043360 A1 20110414	JP20090234451 20091008	SUMITOMO CHEMICAL CO [JP]; OKUBO YOSHIHITO [JP]	C08J3/02	PROCESS FOR PRODUCTION OF POLYELECTROLYTE EMULSIONS
WO2011046233 A1 20110421	JP20090239087 20091016	SUMITOMO CHEMICAL CO [JP]; SAKAI TAIGA [JP]; MACHIDA YOICHIRO [JP]; SAITO SHIN [JP]	H01M8/02; H01B1/06; H01M8/10	POLYMER ELECTROLYTE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
JP2011038089 A 20110224	JP20090169329 20090717; JP20100157871 20100712	SUMITOMO CHEMICAL CO [JP]; TOKYO INST TECH	C08F12/22; H01B1/06; H01M4/86; H01M8/02; H01M10/052; H01M10/054; H01M10/0565	ION CONDUCTOR, POLYMERIZABLE COMPOUND, AND MACRO INITIATOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011014309 A 20110120	JP20090156037 20090630	SUMITOMO ELECTRIC INDUSTRIES [JP]	H01M8/02; B01J19/08; C25B9/00; H01M8/12	ELECTROCHEMICAL REACTOR, AND METHOD OF MANUFACTURING THE SAME
JP2011085369 A 20110428	JP20090240505 20091019	SUMITOMO ELECTRIC INDUSTRIES [JP]	F28F25/06; H01M8/00; H01M8/04	LATENT HEAT RECOVERY TYPE HEAT EXCHANGER
JP2011101514 A 20110519	JP20090254831 20091106	SUMITOMO ELECTRIC INDUSTRIES [JP]	B60L11/18; B60K1/04	VEHICLE WARM-UP DEVICE AND VEHICLE WARMING-UP METHOD
EP2335807 A1 20110622	WO2009JP66279 20090917; JP20080244537 20080924; JP20090156037 20090630; JP20090181873 20090804	SUMITOMO ELECTRIC INDUSTRIES [JP]	B01D53/86; B01J19/08; B01J23/50; B01J23/755; B01J35/08; C25B9/08; C25B11/06; H01M4/86; H01M8/02	ELECTROCHEMICAL REACTOR, METHOD FOR MANUFACTURING THE ELECTROCHEMICAL REACTOR, GAS DECOMPOSING ELEMENT, AMMONIA DECOMPOSING ELEMENT, AND POWER GENERATOR
JP2011093338 A 20110512	JP20090246298 20091027	SUMITOMO ELECTRIC INDUSTRIES [JP]	B60H1/22; B60H1/32; B60K1/04; B60L3/00; H01M10/50	WARMING-UP DEVICE FOR AUTOMOBILE AND METHOD OF WARMING UP AUTOMOBILE
JP2011001571 A 20110106	JP20090143333 20090616	SUMITOMO METAL MINING CO	C22B7/00; C22B3/04; C22B11/00; H01M8/04	METHOD FOR TREATING ELECTRODE MATERIAL
JP2011001570 A 20110106	JP20090143332 20090616	SUMITOMO METAL MINING CO	C22B11/00; B09B3/00; C01G55/00; C22B3/04; C22B7/00	METHOD FOR EXTRACTING NOBLE METAL COMPONENT IN ELECTRODE MATERIAL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011098848 A 20110519	JP20090253337 20091104	SUMITOMO OSAKA CEMENT CO LTD	C01G25/00; C04B35/48	ZIRCONIA-BASED COMPOSITE CERAMIC FINE PARTICLES, METHOD FOR PRODUCING THE SAME AND ZIRCONIA-BASED COMPOSITE CERAMIC FINE PARTICLE DISPERSION
JP2011018609 A 20110127	JP20090163701 20090710	SUMITOMO PRECISION PROD CO	H01M8/24	CELL STACK FOR FUEL BATTERY
KR101011132B B1 20110128	KR20100018904 20100303	SUNGYOUNG SYSTECH CO LTD [KR]	H01M8/06; F23D14/66; H01M8/12	GAS PRE HEATER
CN101969130 A 20110209	CN20101259578 20100816	SUNRISE POWER CO., LTD.	H01M8/04	ELECTRO-OSMOTIC PUMP-BASED WATER MANAGEMENT DEVICE IN FUEL CELL
CN201717319U U 20110119	CN20102155451U 20100409	SUNRISE POWER CO., LTD.	H01M4/86; H01M2/14; H01M8/10	FUEL CELL BIPOLAR PLATE WITH FILTER FILM AND CELL ASSEMBLED THEREBY
CN201717318U U 20110119	CN20102155441U 20100409	SUNRISE POWER CO., LTD.	H01M4/86; H01M8/02	METAL BIPOLAR PLATE FOR PROTON EXCHANGE MEMBRANE FUEL CELL
CN102035002 A 20110427	CN20101566184 20101130	SUNRISE POWER CO., LTD.	H01M8/04	FUEL CELL MODULE WITH WATER AND THERMAL MANAGEMENT CAPABILITY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102035001 A 20110427	CN20101565900 20101129	SUNRISE POWER CO., LTD.	H01M8/04	ANODE PULSE DRAINAGE SYSTEM FOR PROTON EXCHANGE MEMBRANE FUEL CELL AND WORKING METHOD
CN102035000 A 20110427	CN20101563639 20101129	SUNRISE POWER CO., LTD.	H01M8/04	SYSTEM AND METHOD FOR ESTIMATING OUTPUT STATE OF FUEL CELL STACK
CN102034999 A 20110427	CN20101561292 20101125	SUNRISE POWER CO., LTD.	H01M8/04	FUEL BATTERY HEAT INSULATION SYSTEM
CN102024971 A 20110420	CN20101564223 20101129	SUNRISE POWER CO., LTD.	H01M8/04	INTERNAL HEATING CYCLE FUEL CELL MODULE
CN102024970 A 20110420	CN20101564129 20101129	SUNRISE POWER CO., LTD.	H01M8/04	METHOD AND DEVICE FOR INCREASING RESISTANCE CONSISTENCY OF FUEL CELL STACK
CN102024969 A 20110420	CN20101563874 20101129	SUNRISE POWER CO., LTD.	H01M8/04	METHOD AND DEVICE FOR DISCHARGING LIQUID WATER AT FUEL CELL MODULE HYDROGEN SIDE
CN102024968 A 20110420	CN20101563870 20101129	SUNRISE POWER CO., LTD.	H01M8/04	MODULE FOR PROLONGING OPERATING SERVICE LIFE OF FUEL BATTERY AND USING METHOD THEREOF
CN102024967 A 20110420	CN20101563869 20101129	SUNRISE POWER CO., LTD.	H01M8/04	FUEL CELL COOLING CIRCULATION WATER TANK HEATING DEVICE

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CN102024966 A 20110420	CN20101563868 20101129	SUNRISE POWER CO., LTD.	H01M8/04	SYSTEM AND METHOD FOR CONTROLLING WATER DRAINING ON HYDROGEN SIDE OF FUEL CELL STACK
CN102024961 A 20110420	CN20101563637 20101129	SUNRISE POWER CO., LTD.	H01M8/02	GASEOUS DIFFUSION LAYER OF PROTON EXCHANGE MEMBRANE FUEL CELL AND PREPARATION METHOD THEREOF
CN102013505 A 20110413	CN20101543680 20101115	SUNRISE POWER CO., LTD.	H01M8/04	AUTOMOTIVE FUEL CELL HYDROGEN CIRCULATING SYSTEM
CN102013504 A 20110413	CN20101534064 20101105	SUNRISE POWER CO., LTD.	H01M8/04	TEST PLATFORM TEMPERATURE CONTROL SYSTEM AND CONTROL METHOD FOR PROTON EXCHANGE MEMBRANE FUEL CELL
CN102013500 A 20110413	CN20101534032 20101105	SUNRISE POWER CO., LTD.	H01M8/02	GAS FLOW FIELD FOR PROTON EXCHANGE MEMBRANE FUEL CELL
CN102013502 A 20110413	CN20101288522 20100914; CN20101517945 20101015	SUNRISE POWER CO., LTD.	H01M8/04	HUMIDITY AND ENTHALPY CONVERSION DEVICE USED FOR GENERATION SYSTEM OF PROTON EXCHANGE MEMBRANE FUEL CELL
CN201758156U U 20110309	CN20102510993U 20100830	SUNRISE POWER CO., LTD.	H01M8/04	DEVICE FOR PROLONGING LOW-TEMPERATURE STORAGE TIME OF FUEL CELL STACK

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KR20110022435 A 20110307	KR20090080030 20090827	SUNTEL CO LTD [KR]	H01M8/06; H01M4/92; H01M8/04; H01M8/08	THE METHOD FOR INTRODUCING OXYGEN FUNCTIONAL GROUP TO CARBON-MATERIAL, THE CARBON-MATERIAL MADE BY THEREOF, THE CATALYST, THE ELECTRODE MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
CN201799208U U 20110420	CN20102144405U 20100324	SUZHOU UNIVERSITY	B01D53/62; B01D53/14; C01B31/20; C25B3/04; H01M8/22	NOVEL ENERGY STORING DEVICE BASED ON CARBON DIOXIDE
JP2011038559 A 20110224	JP20090184502 20090807	SUZUKI MOTOR CORP	F17C13/04; F16J12/00; F17C13/00	HIGH PRESSURE GAS TANK SYSTEM
JP2011025861 A 20110210	JP20090175139 20090728	SUZUKI MOTOR CORP	B60K11/06; H01M8/00; H01M8/04	COOLING DEVICE FOR POWER UNIT
JP2011018581 A 20110127	JP20090162841 20090709	SUZUKI MOTOR CORP	H01M8/04; C08J5/18	SILENCER FOR FUEL CELL SYSTEM, AND MANUFACTURING METHOD THEREOF
JP2011000922 A 20110106	JP20090144032 20090617	SUZUKI MOTOR CORP	B60K15/03; F17C13/00; F17C13/02; H01M8/04	FUEL TANK TEMPERATURE CONTROL SYSTEM OF FUEL CELL MOUNTED VEHICLE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011031539 A2 20110317	US20090237550P 20090827	SWIFT ENTPR LTD [US]; RUSEK JOHN J [US]; BOWER DONALD [US]; MEYER RICHARD [US]; DAROUX MARK L [US]; FANG WANJUN [US]	H01M4/90; B01J23/38; B01J23/70; H01B1/06; H01M8/10	ELECTROCATALYST COMPOSITION AND FUEL CELL CONTAINING SAME
US2011040421 A1 20110217	EP20070118132 20071009; WO2008EP63346 20081006	SWISS HYDROGEN POWER SHP SA [CH]	H02J3/38; G06F1/26; H01L31/042; H01M8/06	INSTALLATION FOR THE PRODUCTION AND STORAGE OF RENEWABLE ENERGY
JP2011009165 A 20110113	JP20090154069 20090629	TAIYO KAGAKU KK	H01M4/90; H01M4/86; H01M8/10	NANOPARTICLE TRANSITION METAL OXYNITRIDE ELECTRODE CATALYST
JP2011074925 A 20110414	JP20090223599 20090929	TAIYO NIPPON SAN SO CORP	F17C13/00; F17C5/06; F17C7/00; H01M8/00	METHOD AND DEVICE FOR FILLING HYDROGEN GAS
JP2011099511 A 20110519	JP20090254351 20091105	TAKASAGO THERMAL ENGINEERING; NAT INST OF ADVANCED IND SCIEN	F17C11/00; C01B3/00	HYDROGEN STORAGE ALLOY TANK SYSTEM
JP2011081955 A 20110421	JP20090231625 20091005	TANAKA CHEMICAL CORP [JP]; DAIICHI KIGENSO KAGAKU KOGYO CO LTD [JP]	H01M4/86; H01M8/12	FUEL ELECTRODE MATERIAL CAPABLE OF FORMING FUEL ELECTRODE OF HIGH POROSITY, AND MANUFACTURING METHOD THEREOF
US2011048308 A1 20110303	FR20080000562 20080201; WO2009IB00164 20090130	TARKOVACS STEFAN [FR]	B63B3/00; B63H21/17; H01M8/00	AUTONOMOUS DYNAMIC SAILING HULL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011027693 A1 20110203	JP20090176943 20090729	TDK CORP [JP]; UNIV TOHOKU [JP]	H01M8/10; B29C65/02; B32B38/16	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
AT508485T T 20110515	US19990455149 19991206; WO2000US31477 20001116	TECHNOLOGY MAN INC [US]	H01M4/86; H01M4/88; H01M8/02; H01M8/04; H01M8/10; H01M8/12; H01M8/24	ELECTROCHEMICAL APPARATUS WITH REACTANT MICRO-CHANNELS
JP2011003289 A 20110106	JP20090143085 20090616	TEIJIN LTD [JP]	H01M8/02; B29C55/12; B32B27/00; C08J5/18; H01B1/06; H01M8/00; H01M8/10	BIAXIALLY DRAWN FILM FOR SOLID POLYMER ELECTROLYTE MEMBRANE REINFORCEMENT
JP2011006282 A 20110113	JP20090150979 20090625	TEIJIN LTD; TOKYO INST TECH; UNIV GUNMA	C01B31/02	CARBON MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011006281 A 20110113	JP20090150962 20090625	TEIJIN LTD; TOKYO INST TECH; UNIV GUNMA	C01B31/02	CARBON MATERIAL AND METHOD FOR PRODUCING THE SAME
JP2011103302 A 20110526	JP20100276763 20101213	TEITO GOMU KK; RIKEN TECHNOS CORP	H01M8/04; F16L11/04	HOSE FOR FUEL CELL
WO2011073530 A1 20110623	FI20090006338 20091216	TEKNOLOGIAN TUTKIMUSKESKUS VTT [FI]; VAARI ANU [FI]; OJALA VILLE-MIKKO [FI]; VALKIAINEN MATTI [FI]; SMOLANDER MARIA [FI]; BOER HARRY [FI]	H01M8/16; H01M4/88; H01M4/90	A MULTILAYERED STRUCTURE



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US2011097605 A1 20110428	US20090606056 20091026	TELEDYNE SCIENT & IMAGING LLC [US]	H01M8/16; C12N13/00	YEAST BIOFILM BASED FUEL CELL
US2011104518 A1 20110505	US20100968547 20101215	TENDER LEONARD M [US]	H01M8/16	ADVANCED APPARATUS FOR GENERATING ELECTRICAL POWER FROM AQUATIC SEDIMENT/WATER INTERFACES
US2011070512 A1 20110324	US20100926522 20101123; AT20040000216 20040212; AT20040000268 20040219; AT20040000832 20040513; US20050588790 20050210; WO2005AT00041 20050210	THANNER HERBERT [AT]; SCHUSSLER MARTIN [AT]	H01M8/04; H01M8/24	DEVICE AND METHOD FOR DETERMINING THE OPERATING PARAMETERS OF INDIVIDUAL FUEL CELLS OR SHORT STACKS OF FUEL CELLS
WO2011026779 A2 20110310	DE200910039923 20090903; DE201010039276 20100812	THEODOR GRAEBENER GMBH & CO KG [DE]; FRITZ WERNER [DE]; EDELMANN ACHIM [DE]; KOEHLER ALEXANDER [DE]	H01M8/04	METHOD FOR TEMPERATURE CONTROL OF FUEL CELL OR ELECTROLYTIC CONVERTER STACKS
CN201774598U U 20110323	CN20102535455U 20100919	TIANJIN SAMSUNG OPTO-ELECTRONICS CO., LTD.	H04N5/225; H01M8/10	DIGITAL CAMERA WITH BUILT-IN FUEL BATTERY
CN101955264 A 20110126	CN20101273599 20100907	TIANJIN UNIVERSITY OF TECHNOLOGY	C02F3/34; H01M8/16	METHOD FOR PROCESSING GARBAGE LEACHATE BY USING MICROBIAL FUEL CELL
CN201789031U U 20110406	CN20102298166U 20100820	TIANJIN UNIVERSITY OF TECHNOLOGY	H01M8/16	CYLINDRICAL MICROORGANISM FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN201773896U U 20110323	CN20102298150U 20100820	TIANJIN UNIVERSITY OF TECHNOLOGY	H01M8/04	MICROBIAL FUEL CELL TEMPERATURE CONTROL DEVICE
DE102009051298 A1 20110505	DE200910051298 20091029	TLK THERMO GMBH [DE]; VOLKSWAGEN AG [DE]	H01M8/04	COOLING SYSTEM FOR FUEL CELL OF FUEL CELL STACK OF MOTOR VEHICLE, HAS PRIMARY CIRCUIT IMPLEMENTED PARTIALLY FROM FUEL CELL FOR THERMAL COUPLING WITH SECONDARY CIRCUIT FOR COOLING FUEL CELL AFTER REACHING OPERATING TEMPERATURE
JP2011034819 A 20110217	JP20090180321 20090803	TOAGOSEI CO LTD	H01M4/86; H01M8/12	METHOD OF MANUFACTURING MATERIAL FOR SOLID OXIDE FUEL CELL
WO2011030800 A1 20110317	JP20090208440 20090909	TODA KOGYO CORP [JP]; TAKAHASHI SHINJI [JP]; KOBAYASHI NAOYA [JP]; HISAYUKU YURIE [JP]	B01J21/16; B01J37/16; C01B3/40; H01M8/06	POROUS CATALYTIC OBJECT FOR DECOMPOSING HYDROCARBON AND PROCESS FOR PRODUCING SAME, PROCESS FOR PRODUCING HYDROGEN-CONTAINING MIXED REFORMED GAS FROM HYDROCARBON, AND FUEL CELL SYSTEM
JP2011009050 A 20110113	JP20090150941 20090625	TOGO SEISAKUSHO KK	H01M8/24	FUEL CELL STACK
WO2011001766 A1 20110106	JP20090153688 20090629	TOKAI CARBON KK [JP]; YAMAMOTO KAZUHIRO [JP]	H01M8/02	METHOD FOR PRODUCING A FUEL CELL SEPARATOR

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011003449 A 20110106	JP20090146623 20090619	TOKAI KOSHI KK; ENEURGE CO LTD; FUJI KOKI KK; NIPPON GAS KAIHATSU KK; MITSUUROKO CO LTD	H01M10/44; H01M8/00; H01M8/04; H02J7/00; H02J7/35	POWER GENERATION SYSTEM
WO2011013565 A1 20110203	JP20090177642 20090730	TOKUYAMA CORP [JP]; WATANABE SHIN [JP]; FUKUTA KENJI [JP]; YANAGI HIROYUKI [JP]	H01M8/06; H01M8/02; H01M8/10	POWER GENERATION SYSTEM UTILIZING ALKALINE FUEL CELL, AND FUEL GAS FOR ALKALINE FUEL CELL FOR USE IN THE SYSTEM
JP2011034736 A 20110217	JP20090178467 20090730	TOKYO GAS CO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011075137 A 20110414	JP20090224194 20090929	TOKYO GAS CO LTD [JP]	F24H1/00	COGENERATION SYSTEM AND CONTROL METHOD
JP2011093719 A 20110512	JP20090246471 20091027	TOKYO GAS CO LTD [JP]	C01B3/16; B01D53/22; B09B3/00; C01B3/56; C10J3/00; C10K3/04; H01M8/06	METHOD FOR PRODUCING AND UTILIZING HYDROGEN
JP2011092024 A 20110512	JP20090246469 20091027	TOKYO GAS CO LTD [JP]	C12P3/00; B09B3/00; C01B3/02; C01B3/56; C02F11/04; C12P5/02; H01M8/06	METHOD FOR PRODUCING AND USING HYDROGEN
JP2011076809 A 20110414	JP20090225789 20090930	TOKYO GAS CO LTD [JP]; KYOCERA CORP	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL STACK AND METHOD OF MANUFACTURING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011040285 A 20110224	JP20090186932 20090811	TOKYO INST TECH [JP]; MITSUBISHI CHEM CORP	H01M8/06; H01M4/86; H01M8/02; H01M8/04; H01M8/12	POWER GENERATION METHOD FOR SOLID OXIDE TYPE BATTERY, AND THE SOLID OXIDE TYPE BATTERY USING THE SAME FOR GENERATING POWER
WO2011018908 A1 20110217	JP20090187729 20090813; JP20090272239 20091130; WO2010JP52852 20100224	TOKYO INST TECH [JP]; YAMAGUCHI TAKEO [JP]; KIKUCHI YUMA [JP]; LEE JU-MYEUNG [JP]; OHASHI HIDENORI [JP]; TAMAKI TAKANORI [JP]	C07F19/00; C01G25/06; C07F7/00; C07F9/38; H01B1/06; H01B13/00; H01M8/02; H01M8/10	METHOD FOR PRODUCING STRONGLY ACIDIC ZIRCONIUM PARTICLES, METHOD FOR PRODUCING PROTON CONDUCTING MATERIAL AND PROTON CONDUCTING FILM, PROTON CONDUCTING FILM, ELECTRODE FOR FUEL CELL, FILM- ELECTRODE JOINED BODY, FUEL CELL
JP2011028867 A 20110210	JP20090170517 20090721	TOMOEGAWA PAPER CO LTD	H01M4/86; H01M4/96; H01M8/10	ELECTRODE SHEET FOR POLYMER ELECTROLYTE FUEL CELL
JP2011028849 A 20110210	JP20090170041 20090721	TOMOEGAWA PAPER CO LTD	H01M4/86; H01M8/10	GAS DIFFUSION ELECTRODE FOR SOLID POLYMER FUEL CELL, AND MANUFACTURING METHOD THEREFOR
CN102034991 A 20110427	CN20091177822 20090925	TOPLUS ENERGY CORPORATION	H01M8/02; H01M4/86; H01M8/10	SEALING STRUCTURE AND ELECTRIC ENERGY SUPPLY DEVICE USING SAME
JP2011077006 A 20110414	JP20090230327 20091002	TOPPAN PRINTING CO LTD [JP]	H01M4/88; H01M4/86; H01M8/02; H01M8/10	MANUFACTURING METHOD OF ELECTRODE CATALYST LAYER FOR SOLID POLYMER FUEL CELL, ELECTRODE CATALYST LAYER FOR SOLID POLYMER ELECTROLYTE FUEL CELL, MANUFACTURING METHOD OF MEMBRANE-ELECTRODE ASSEMBLY, AND MEMBRANE-ELECTRODE ASSEMBLY

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JP2011076823 A 20110414	JP20090225957 20090930	TOPPAN PRINTING CO LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL, AND METHOD FOR MANUFACTURING THE SAME
JP2011076754 A 20110414	JP20090224353 20090929	TOPPAN PRINTING CO LTD [JP]	H01M8/02	MANUFACTURING METHOD OF SEPARATOR FOR FUEL CELL
JP2011076738 A 20110414	JP20090224046 20090929	TOPPAN PRINTING CO LTD [JP]	H01M8/02	SEPARATOR FOR FUEL CELL, AND MANUFACTURING METHOD THEREOF
JP2011071049 A 20110407	JP20090223005 20090928	TOPPAN PRINTING CO LTD [JP]	H01M8/02; B30B15/02; B30B15/34; H01M4/88; H01M8/10	METHOD AND DEVICE FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
JP2011071007 A 20110407	JP20090222260 20090928	TOPPAN PRINTING CO LTD [JP]	H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/10	ELECTRODE FOR FUEL CELL AND THIS MANUFACTURING METHOD, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
JP2011071000 A 20110407	JP20090222204 20090928	TOPPAN PRINTING CO LTD [JP]	H01M4/88	STORING METHOD AND USING METHOD FOR CATALYST INK FOR FUEL CELL, AND SOLID FORM CATALYST INK TO BE STORED IN THE STORING METHOD
JP2011070991 A 20110407	JP20090221998 20090928	TOPPAN PRINTING CO LTD [JP]	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL SINGLE CELL, PRODUCTION METHOD THEREOF, AND FUEL CELL STACK HAVING SAME

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JP2011070984 A 20110407	JP20090221934 20090928	TOPPAN PRINTING CO LTD [JP]	H01M4/88; H01M4/86; H01M8/10	METHOD OF MANUFACTURING ELECTRODE CATALYST LAYER FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY HAVING THE ELECTRODE CATALYST LAYER
JP2011070980 A 20110407	JP20090221843 20090928	TOPPAN PRINTING CO LTD [JP]	H01M8/02; C09D11/02; H01B1/06; H01B13/00	POLYMER ELECTROLYTE OF SOLID POLYMER FUEL CELL, METHOD FOR MANUFACTURING THE SAME, MEMBRANE-ELECTRODE ASSEMBLY CONTAINING POLYMER ELECTROLYTE, AND METHOD FOR MANUFACTURING THE SAME MEMBRANE-ELECTRODE ASSEMBLY
JP2011096385 A 20110512	JP20090246403 20091027	TOPPAN PRINTING CO LTD [JP]	H01M4/86; H01M4/88; H01M8/02; H01M8/10	GAS DIFFUSION LAYER FOR CATHODE AND METHOD OF MANUFACTURING THE SAME
JP2011090937 A 20110506	JP20090244431 20091023	TOPPAN PRINTING CO LTD [JP]	H01M8/02; C23C28/00	SEPARATOR FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
WO2011001717 A1 20110106	JP20090153485 20090629; JP20090183296 20090806	TOPPAN PRINTING CO LTD [JP]; MORIOKA HIROYUKI [JP]; HATASAWA HARUNA [JP]; OKADA SAORI [JP]; OOTA KENICHIRO [JP]	H01M4/88; H01M4/86; H01M4/90; H01M8/10	METHOD FOR PRODUCING ELECTRODE CATALYST LAYER FOR FUEL CELL, AND ELECTRODE CATALYST LAYER FOR FUEL CELL USING SAME

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WO2011040061 A1 20110407	JP20090223803 20090929	TOPPAN PRINTING CO LTD [JP]; OKADA SAORI [JP]; HATASAWA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OOTA KENICHIRO [JP]	H01M4/90; H01M4/86; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL, AND SOLID POLYMER FUEL CELL EQUIPPED WITH SAME
WO2011040060 A1 20110407	JP20090224465 20090929	TOPPAN PRINTING CO LTD [JP]; OKADA SAORI [JP]; HATASAWA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OOTA KENICHIRO [JP]	H01M4/88; H01M4/86; H01M4/90; H01M8/10	PROCESS FOR PRODUCTION OF ELECTRODE CATALYST LAYER, ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
CA2725699 A1 20110617	EP20090015643 20091217	TOPSOE FUEL CELL AS [DK]	C01B3/02; C01B3/12; C01B5/00; C01B21/02; C01B31/20; H01M8/06	GAS GENERATOR AND PROCESSES FOR THE CONVERSION OF A FUEL INTO AN OXYGEN-DEPLETED GAS AND/OR HYDROGEN-ENRICHED GAS
WO2011003519 A1 20110113	DK20090000825 20090706; US20090223297P 20090706	TOPSOE FUEL CELL AS [DK]; DANOE SUNE [DK]; MADSEN FIND MADSEN [DK]; NIELSEN JENS ULRIK [DK]; USTERUD HARALD [DK]	H01M8/04; H01M8/02; H01M8/24	COMBINED FLOW PATTERNS IN A FUEL CELL STACK OR AN ELECTROLYSIS CELL STACK
WO2011076342 A1 20110630	DK20090001370 20091222	TOPSOE FUEL CELL AS [DK]; FREDERIKSEN CASPAR BUCHHOLTZ [DK]; KLITHOLM CLIVER [DK]	H01M8/02; H01M8/24	MANUFACTURE AND CALIBRATION PROCESS FOR AN INTERCONNECT FOR A FUEL CELL OR A FUEL CELL STACK

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WO2011032644 A1 20110324	DK20090001034 20090917	TOPSOE FUEL CELL AS [DK]; NEHTER PEDRO [DK]; DANOE SUNE [DK]; USTERUD HARALD [DK]; WEINEISEN HENRIK FRANZ [SE]	H01M8/04	REACTANT GAS SUPPLY FOR FUEL CELLS OR ELECTROLYSIS CELLS
KR20110014659 A 20110211	JP20030059569 20030306; JP20030116685 20030422; JP20030120115 20030424	TORAY INDUSTRIES [JP]	H01M8/02; C08G65/40; C08G75/02; C08G75/20; C08G79/04; C09K5/20; H01B1/06; H01B1/12; H01M4/88; H01M8/04; H01M8/10	POLYMER ELECTROLYTE MATERIAL, POLYMER ELECTROLYTE PART, MEMBRANE ELECTRODE COMPOSITE AND POLYMER ELECTROLYTE TYPE FUEL CELL
JP2011040370 A 20110224	JP20090166437 20090715; JP20100147220 20100629	TORAY INDUSTRIES [JP]	H01M8/02; C08J5/22; H01B13/00; H01M8/10	POLYMER ELECTROLYTE MATERIAL, AND MANUFACTURING METHOD OF POLYMER ELECTROLYTE MEMBRANE
JP2011026565 A 20110210	JP20090153335 20090629; JP20100142325 20100623	TORAY INDUSTRIES [JP]	C08J5/22; C08G65/48; C08J3/24; H01B13/00; H01M8/02	METHOD OF MANUFACTURING ELECTROLYTE FILM
JP2011067812 A 20110407	JP20090192866 20090824; JP20100182844 20100818	TORAY INDUSTRIES [JP]	B01D69/00; B01D53/22; B01D69/08; F24F6/00; F24F6/04	STEAM-PERMEABLE MEMBRANE, HOLLOW FIBER MEMBRANE, AND HUMIDIFIER
JP2011029080 A 20110210	JP20090175552 20090728	TOSHIBA CORP	H01M8/02; H01M8/04	FUEL CELL
JP2011028865 A 20110210	JP20090170458 20090721	TOSHIBA CORP	H01M8/02; H01M8/10	FUEL CELL



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JP2011023218 A 20110203	JP20090167475 20090716	TOSHIBA CORP	H01M8/04	FUEL CELL
JP2011023199 A 20110203	JP20090166854 20090715	TOSHIBA CORP	H01M8/04; H01M8/00; H01M10/44; H02J7/00	FUEL CELL SYSTEM AND CHARGING DEVICE
JP2011023198 A 20110203	JP20090166853 20090715	TOSHIBA CORP	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND CHARGING DEVICE
JP2011017055 A 20110127	JP20090162736 20090709	TOSHIBA CORP	C25B13/02; C25B9/00; H01M8/02; H01M8/24	ELECTROCHEMICAL CELL
JP2011015547 A 20110120	JP20090157958 20090702	TOSHIBA CORP	H02J7/00; H01M8/00; H01M8/04; H01M10/44; H02J7/34	POWER DEVICE AND METHOD FOR DRIVING THE SAME
JP2011082035 A 20110421	JP20090233899 20091007	TOSHIBA CORP	H01M8/04	COUPLER FOR FUEL CELL, AND FUEL CELL
JP2011070852 A 20110407	JP20090219690 20090924	TOSHIBA CORP	H01M8/02; H01M8/10	FUEL CELL
JP2011090848 A 20110506	JP20090242659 20091021	TOSHIBA CORP	H01M8/02; H01M8/04; H01M8/10	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011096511 A 20110512	JP20090249176 20091029	TOSHIBA CORP	H01M8/04; H01M8/02	FUEL CELL SYSTEM
JP2011096461 A 20110512	JP20090248102 20091028	TOSHIBA CORP	H01M8/04	FUEL CELL
JP2011096460 A 20110512	JP20090248101 20091028	TOSHIBA CORP	H01M4/86; H01M4/88; H01M8/10	CATHODE ELECTRODE FOR FUEL CELL AND FUEL CELL
JP2011034924 A 20110217	JP20090182690 20090805	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/02; H01M8/10	FUEL CELL
JP2011023158 A 20110203	JP20090165475 20090714	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/04	FILTER FOR FUEL CELL, AND FUEL CELL
JP2011008985 A 20110113	JP20090149574 20090624	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/24; H01M8/02	FUEL CELL
JP2011008972 A 20110113	JP20090149109 20090623	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M4/86; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
JP2011008959 A 20110113	JP20090148891 20090623	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/24; H01M8/02	FUEL CELL

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JP2011071056 A 20110407	JP20090223222 20090928	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M4/86; H01M8/02; H01M8/10	FUEL CELL
JP2011096468 A 20110512	JP20090248311 20091028	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M4/86; H01M8/02; H01M8/10	FUEL CELL
JP2011096467 A 20110512	JP20090248310 20091028	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/02; H01M4/86	FUEL CELL
JP2011096402 A 20110512	JP20090246817 20091027	TOSHIBA CORP; TOSHIBA ELECTRONIC ENG	H01M8/04; H01M8/02	FUEL CELL
JP2011028966 A 20110210	JP20090172655 20090724	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	H01M8/02; H01M8/04; H01M8/10; H01M8/24	FUEL CELL
JP2011028907 A 20110210	JP20090171330 20090722	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	H01M8/02	FUEL CELL
JP2011081986 A 20110421	JP20090232322 20091006	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	H01M8/04; F24H1/00	FUEL CELL COGENERATION SYSTEM
JP2011076728 A 20110414	JP20090223830 20090929	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	H01M8/04; H01M8/02; H01M8/06	FUEL CELL AND DRAINAGE METHOD THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011028965 A 20110210	JP20090172651 20090724	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	H01M8/04	METHOD FOR INSPECTING FUEL CELL STACK
JP2011009056 A 20110113	JP20090151104 20090625	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	H01M8/04; F24H1/00; H01M8/00	FUEL CELL COGENERATION SYSTEM
WO2011010339 A1 20110127	WO2009JP03394 20090721	TOSHIBA KK [JP]; AKASAKA YOSHIHIRO; AKITA MASATO; YAGI RYOSUKE	H01M4/86; H01M8/02; H01M8/10	FUEL CELL
WO2011013206 A1 20110203	WO2009JP63436 20090728	TOSHIBA KK [JP]; FUKAZAWA TAISHI [JP]; AKASAKA YOSHIHIRO; SONG JUNGMIN [JP]	H01M4/86; H01M4/92; H01M4/96; H01M8/10	DIRECT METHANOL FUEL CELL AND ANODE USED THEREIN
WO2011016400 A1 20110210	JP20090184773 20090807	TOSHIBA KK [JP]; HASEBE HIROYUKI [JP]; NEGISHI NOBUYASU [JP]; KAWAMURA KOICHI [JP]; FUKUDA SHIGEO [JP]; GOTO MOTOI [JP]	H01M8/04; H01M8/10	FUEL CELL
WO2011004435 A1 20110113	WO2009JP03198 20090709	TOSHIBA KK [JP]; HONGO TAKUYA; TOMIMATSU NORIHIRO	H01M8/02; H01M8/04; H01M8/06	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011052204 A1 20110505	JP20090248100 20091028	TOSHIBA KK [JP]; IWAMURA NAOKI [JP]; KAN HIROFUMI [JP]; WATANABE DAISUKE [JP]; SUZUKI HIDENORI [JP]; KIMURA SHUNSUKE [JP]	H01M8/04; H01M8/10	FUEL CELL
WO2011024386 A1 20110303	JP20090200041 20090831	TOSHIBA KK [JP]; KAN HIROFUMI; IWAMURA NAOKI; SUZUKI HIDENORI; KIMURA SHUNSUKE	H01M8/04	FUEL CELL
WO2011070618 A1 20110616	WO2009JP06736 20091210	TOSHIBA KK [JP]; KITO AYA; YOSHINAGA NORIHIRO	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR STOPPING OPERATION OF SAME
WO2011024238 A1 20110303	WO2009JP04253 20090831	TOSHIBA KK [JP]; ONO AKIHIKO; HONGO TAKUYA; SATO YUUSUKE	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
WO2011036729 A1 20110331	WO2009JP04904 20090928	TOSHIBA KK [JP]; OSADA NORIKAZU; FUKASAWA TAKAYUKI; SHUTOH NAOKI	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
WO2011024224 A1 20110303	WO2009JP04160 20090827	TOSHIBA KK [JP]; SATO YUUSUKE; ONO AKIHIKO; YAGI RYOSUKE; SAKAUE EIICHI; TOMIMATSU NORIHIRO	H01M8/02; H01M8/10	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011052650 A1 20110505	JP20090248309 20091028	TOSHIBA KK [JP]; WAKAMATSU HIROAKI [JP]; CHIGUSA HISASHI [JP]; ICHIKAWA KATSUMI [JP]; KODA HITOSHI [JP]; ONODERA SHINICHI [JP]; KITAZAWA YUUSUKE [JP]; TAKAZAWA NAOYUKI [JP]; KANBAYASHI SHINICHI [JP]	H01M4/86; H01M4/92; H01M8/02; H01M8/10	FUEL CELL
WO2011036749 A1 20110331	WO2009JP66547 20090924	TOSHIBA KK [JP]; YAMAZAKI MUTSUKI [JP]; NAKANO YOSHIHIKO [JP]; MEI WU [JP]	H01M4/86; B01J37/02; H01M4/88; H01M4/90; H01M4/92; H01M8/10	COLLECTOR MEMBER, POWER GENERATION DEVICE, AND METHOD FOR PRODUCING COLLECTOR MEMBER FOR POWER GENERATION DEVICE
WO2011036716 A1 20110331	WO2009JP04836 20090924	TOSHIBA KK [JP]; YASUDA KAZUHIRO; AKASAKA YOSHIHIRO; SUMINO HIROYASU	H01M8/04; H01M8/10	FUEL CELL
JP2011023365 A 20110203	JP20100215262 20100927	TOTO LTD [JP]	H01M8/24	FUEL BATTERY CELL STACK UNIT
JP2011023364 A 20110203	JP20100215261 20100927	TOTO LTD [JP]	H01M8/24	FUEL BATTERY CELL STACK UNIT

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011023363 A 20110203	JP20100215258 20100927	TOTO LTD [JP]	H01M8/24; H01M8/02	FUEL BATTERY CELL STACK UNIT
JP2011023362 A 20110203	JP20100215257 20100927	TOTO LTD [JP]	H01M8/24; H01M8/02; H01M8/12	FUEL BATTERY CELL STACK UNIT
JP2011029074 A 20110210	JP20090175463 20090728	TOTO LTD [JP]	H01M8/24	FUEL CELL MODULE
JP2011018603 A 20110127	JP20090163541 20090710	TOTO LTD [JP]	H01M8/04; C01B3/38; H01M8/06; H01M8/12	FUEL CELL SYSTEM
JP2011018456 A 20110127	JP20090160447 20090707	TOTO LTD [JP]	H01M8/24; C01B3/38; H01M8/04	FUEL CELL SYSTEM
JP2011009136 A 20110113	JP20090153536 20090629	TOTO LTD [JP]	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL
JP2011009105 A 20110113	JP20090152260 20090626	TOTO LTD [JP]	H01M8/04; H01M8/06; H01M8/12	FUEL CELL SYSTEM
JP2011009104 A 20110113	JP20090152257 20090626	TOTO LTD [JP]	H01M8/04; H01M8/06; H01M8/12; H01M8/24	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011008993 A 20110113	JP20090149925 20090624	TOTO LTD [JP]	H01M8/04; H01M8/06; H01M8/12; H01M8/24	SOLID ELECTROLYTE FUEL CELL
US2011008701 A1 20110113	JP20090163543 20090710	TOTO LTD [JP]	H01M8/04; H01M8/24	FUEL CELL
CN101944626 A 20110112	JP20090157880 20090702	TOTO LTD [JP]	H01M8/24; H01M2/10; H01M8/04	FUEL BATTERY
JP2011076945 A 20110414	JP20090228735 20090930	TOTO LTD [JP]	H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL SYSTEM
JP2011076944 A 20110414	JP20090228734 20090930	TOTO LTD [JP]	H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL SYSTEM
JP2011076942 A 20110414	JP20090228732 20090930	TOTO LTD [JP]	H01M8/06; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2011076941 A 20110414	JP20090228731 20090930	TOTO LTD [JP]	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2011076933 A 20110414	JP20090228603 20090930	TOTO LTD [JP]	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011103211 A 20110526	JP20090257379 20091110	TOTO LTD [JP]	H01M8/04; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2011103210 A 20110526	JP20090257378 20091110	TOTO LTD [JP]	H01M8/04; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2011100640 A 20110519	JP20090254885 20091106	TOTO LTD [JP]	H01M8/24	FUEL CELL
JP2011100639 A 20110519	JP20090254883 20091106	TOTO LTD [JP]	H01M8/24	FUEL CELL
JP2011100638 A 20110519	JP20090254879 20091106	TOTO LTD [JP]	H01M8/24; H01M8/06	FUEL CELL
JP2011096608 A 20110512	JP20090252177 20091102	TOTO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL MODULE
JP2011096607 A 20110512	JP20090252175 20091102	TOTO LTD [JP]	H01M8/04	FUEL CELL MODULE
JP2011096604 A 20110512	JP20090252143 20091102	TOTO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL MODULE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011096603 A 20110512	JP20090252142 20091102	TOTO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL MODULE
JP2011096577 A 20110512	JP20090251108 20091030	TOTO LTD [JP]	H01M8/24	FUEL CELL
JP2011096519 A 20110512	JP20090249539 20091029	TOTO LTD [JP]	H01M8/04; H01M8/06	FUEL CELL MODULE
ES2361494T T3 20110617	JP20040326323 20041110	TOYO BOSEKI [JP]	C08L101/12; C08K3/20; C08K5/00; H01M4/86; H01M8/10	COMPOSICION POLIMERICA CONDUCTORA DE PROTONES Y PROCEDIMIENTO PARA SU PREPARACION, TINTA CATALITICA QUE CONTIENE TAL COMPOSICION POLIMERICA CONDUCTORA DE PROTONES Y CELDA DE COMBUSTIBLE QUE INCLUYE DICHO CATALIZADOR.
AT509383T T 20110515	JP20030204725 20030731; JP20040039238 20040217; JP20040050749 20040226; JP20040050750 20040226; JP20040050751 20040226; JP20040053385 20040227; JP20040053386 20040227; JP20040053388 20040227; WO2004JP10807 20040729	TOYO BOSEKI [JP]	H01M8/02; C08G65/40; C08G65/48; C08J5/22; C08L71/10; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL USING SAME, AND METHOD FOR PRODUCING ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011016444 A1 20110210	JP20090180552 20090803; JP20090180553 20090803	TOYO BOSEKI [JP]; ICHIMURA SHUNSUKE [JP]; IWAHARA RYOUHEI [JP]; KITAMURA KOUTA [JP]; YAMASHITA MASAHIRO [JP]	C08G81/00; C08G65/34; C08G75/23; H01B1/06; H01M8/02; H01M8/10	NOVEL SULFONIC ACID GROUP- CONTAINING SEGMENTED BLOCK COPOLYMER AND USE THEREOF
JP2011085151 A 20110428	JP20090236087 20091013	TOYO SEIKAN KAISHA LTD [JP]	F16L37/30; B65D25/42	COUPLER
WO2011043412 A1 20110414	JP20090233050 20091007	TOYO SEIKAN KAISHA LTD [JP]; TOSHIBA KK [JP]; KANNO MINORU [JP]; HAYASHI HIROAKI [JP]; YOSHIHIRO KENJI [JP]; YAMAMORI YOU [JP]; TAKAHASHI KENICHI [JP]	F16L37/32	COUPLER
WO2011043410 A1 20110414	JP20090233049 20091007	TOYO SEIKAN KAISHA LTD [JP]; TOSHIBA KK [JP]; KANNO MINORU [JP]; TAKAHASHI KENICHI [JP]	F16L37/32	COUPLER
WO2011049178 A1 20110428	JP20090242543 20091021	TOYOOKI KOGYO KK [JP]; JTEKT CORP [JP]; WATANABE NORITAKA [JP]	F16K31/06	SOLENOID VALVE
WO2011049177 A1 20110428	JP20090242542 20091021	TOYOOKI KOGYO KK [JP]; JTEKT CORP [JP]; WATANABE NORITAKA [JP]	F16K31/06; F17C13/04	SOLENOID VALVE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101946349 A 20110112	WO2009JP60954 20090616; JP20080156571 20080616; JP20080270027 20081020; JP20080270026 20081020; WO2009JP58343 20090428; WO2009JP58628 20090507	TOYOTA AUTO BODY CO LTD [JP];TOYOTA MOTOR [JP]	H01M8/02; B21D13/08; B21D53/00; H01M8/10	GAS FLOW PASSAGE FORMING MEMBER, METHOD OF MANUFACTURING THE GAS FLOW PASSAGE FORMING MEMBER, AND DEVICE FOR FORMING THE GAS FLOW PASSAGE FORMING MEMBER
JP2011023190 A 20110203	JP20090166715 20090715	TOYOTA BOSHOKU CORP	H01M8/04; H01M8/24	EXHAUST GAS DILUTION DEVICE FOR FUEL CELL
JP2011018615 A 20110127	JP20090163873 20090710	TOYOTA BOSHOKU CORP	H01M8/06; H01M8/00	FUEL CELL SYSTEM
JP2011014500 A 20110120	JP20090159881 20090706	TOYOTA BOSHOKU CORP	H01M8/04; H01M8/24	PIPING COMPONENT OF FUEL CELL SYSTEM
JP2011014296 A 20110120	JP20090155583 20090630	TOYOTA BOSHOKU CORP	H05F3/02; H01M8/04	FUEL CELL SYSTEM
JP2011083744 A 20110428	JP20090240377 20091019	TOYOTA BOSHOKU CORP	C02F1/42; B01J47/02	ION EXCHANGER OF COOLING WATER SUPPLY DEVICE
JP2011090803 A 20110506	JP20090241317 20091020	TOYOTA BOSHOKU CORP	H01M8/04; B01J47/02; B01J47/04; C02F1/42; H01M8/02	ION-EXCHANGE RESIN AND METHOD OF RETAINING SHAPE THEREOF

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011091784 A1 20110421	JP20090239526 20091016	TOYOTA BOSHOKU KK [JP]	H01M8/04	FUEL CELL SYSTEM
US2011123904 A1 20110526	JP20090268963 20091126	TOYOTA BOSHOKU KK [JP]	H01M8/04; B21D22/00	SEPARATOR FOR FUEL CELL AND MANUFACTURING METHOD OF THE SAME
JP2011040363 A 20110224	JP20090165304 20090714; JP20090283472 20091214	TOYOTA CENTRAL RES & DEV	H01M8/02; C08J5/22; H01B1/06; H01B13/00	REFORMING ELECTROLYTE AND METHOD OF MANUFACTURING THE SAME, AND REFORMING AGENT
JP2011011936 A 20110120	JP20090156394 20090630	TOYOTA CENTRAL RES & DEV	C01B6/24; B01J20/02; C01B3/00	HYDRIDE COMPOSITE AND HYDROGEN STORAGE MATERIAL
JP2011009124 A 20110113	JP20090153035 20090626	TOYOTA CENTRAL RES & DEV	H01B1/06; C01B25/08; C23C8/24; C23C26/00; H01B5/14; H01B13/00; H01M8/02; H01M8/10	CONDUCTIVE FILM, CONDUCTIVE MATERIAL AND ITS MANUFACTURING METHOD, SOLID POLYMER FUEL CELL, ITS SEPARATOR, CONDUCTIVE POWDER, AND ITS MANUFACTURING METHOD
JP2011006757 A 20110113	JP20090153034 20090626	TOYOTA CENTRAL RES & DEV	C23C12/02; C23C8/24; C23C12/00; C23C28/00; H01B1/06; H01M8/02; H01M8/10	CORROSION-RESISTANT ELECTROCONDUCTIVE FILM, CORROSION-RESISTANT ELECTROCONDUCTIVE MATERIAL, SOLID POLYMER FUEL CELL AND SEPARATOR THEREFOR, AND METHOD FOR MANUFACTURING CORROSION- RESISTANT ELECTROCONDUCTIVE MATERIAL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011086572 A 20110428	JP20090240339 20091019	TOYOTA CENTRAL RES & DEV	H01M4/86; C01B13/14; C01G9/02	INORGANIC PARTICLE AGGREGATE AND METHOD OF MANUFACTURING GAS DIFFUSION ELECTRODE
JP2011034739 A 20110217	JP20090178475 20090730	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR [JP]	H01M8/02; H01M4/86; H01M8/10	SOLID POLYMER FUEL CELL, AND MANUFACTURING METHOD THEREOF
JP2011034738 A 20110217	JP20090178474 20090730	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR [JP]	H01M8/02; H01M4/86; H01M8/10	SOLID POLYMER FUEL CELL, AND MANUFACTURING METHOD THEREOF
JP2011089828 A 20110506	JP20090242363 20091021	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR [JP]	G01N17/00; H01M8/04	CHEMICAL STABILITY EVALUATION DEVICE
US2011070505 A1 20110324	JP20090219462 20090924	TOYOTA CHUO KENKYUSHO KK [JP]	H01M8/22	GAS BATTERY AND METHOD OF USE OF GAS BATTERY
WO2011077746 A1 20110630	JP20090293856 20091225	TOYOTA CHUO KENKYUSHO KK [JP]; ISEKI TAKASHI [JP]; YAMADA YUKA [JP]; NAKANISHI KAZUYUKI [JP]; OZAWA YASUHIRO [JP]; OHTA SHINGO [JP]	C01B31/02; C23C16/26; H01M8/02	AMORPHOUS CARBON ORIENTATION FILM AND FORMATION METHOD THEREFOR
US2011009504 A1 20110113	US20100885926 20100920; US20050127458 20050512; US20040570692P 20040513	TOYOTA ENG & MFG NORTH AMERICA [US]	C08J5/22; B01D67/00; B01D71/00; B01D71/70; H01M8/10	PROTON EXCHANGE MEMBRANES (PEM) BASED ON HYBRID INORGANIC-ORGANIC COPOLYMERS WITH GRAFTED PHOSPHORIC ACID GROUPS AND IMPLANTED METAL CATIONS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011079691 A 20110421	JP20090232221 20091006	TOYOTA IND CORP; NIPPON STEEL MATERIALS CO LTD	C01B3/38; B01J35/02; B01J35/04; C01B3/48	REFORMER
US2011070508 A1 20110324	JP20090216408 20090918	TOYOTA JIDOSHOKKI KK [JP]	H01M8/06	FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME
JP2011040218 A 20110224	JP20090185043 20090807	TOYOTA MOTOR [JP]	H01M8/04; H02H7/12; H02M3/155	FUEL CELL SYSTEM
JP2011040197 A 20110224	JP20090184480 20090807	TOYOTA MOTOR [JP]	H01M8/02; H01M8/24	FUEL CELL
JP2011033165 A 20110217	JP20090182242 20090805	TOYOTA MOTOR [JP]	F16L37/38; B60L11/18; F16K15/14; F16K47/02; F17C13/00; H01M8/04	JOINT MECHANISM FOR FILLING HIGH PRESSURE GAS, AND FUEL CELL SYSTEM
JP2011034778 A 20110217	JP20090179206 20090731	TOYOTA MOTOR [JP]	H01M8/02; B21D31/04	MANUFACTURING DEVICE OF FUEL CELL EXPANDED METAL
JP2011034768 A 20110217	JP20090179061 20090731	TOYOTA MOTOR [JP]	H01M8/02; H01M8/24	FUEL CELL
JP2011034746 A 20110217	JP20090178627 20090731	TOYOTA MOTOR [JP]	H01M8/04; H01M8/10; H01M8/24	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011031435 A 20110217	JP20090178509 20090731	TOYOTA MOTOR [JP]	B32B37/10; H01M8/02; H01M8/10; H01M8/24	METHOD FOR PRODUCING LAMINATE
JP2011034721 A 20110217	JP20090177893 20090730	TOYOTA MOTOR [JP]	H01M8/02; H01M4/86	FUEL CELL
JP2011034709 A 20110217	JP20090177571 20090730	TOYOTA MOTOR [JP]	H01M8/24	METHOD OF MANUFACTURING FUEL CELL STACK
JP2011034678 A 20110217	JP20090176741 20090729	TOYOTA MOTOR [JP]	H01M4/88	METHOD OF FORMING CATALYST FOR FUEL CELL
JP2011029066 A 20110210	JP20090175271 20090728	TOYOTA MOTOR [JP]	H01M4/88; H01M8/10	FORMING METHOD OF CATALYST FOR FUEL CELL
JP2011029032 A 20110210	JP20090174543 20090727	TOYOTA MOTOR [JP]	H01M8/04; H02M3/155	FUEL CELL SYSTEM
JP2011028978 A 20110210	JP20090173017 20090724	TOYOTA MOTOR [JP]	H01M4/88; H01M8/02; H01M8/10	ELECTRODE CATALYST LAYER OF FUEL CELL
JP2011028950 A 20110210	JP20090172178 20090723	TOYOTA MOTOR [JP]	H01M8/04	FUEL INJECTION CONTROL DEVICE



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JP2011028915 A 20110210	JP20090171484 20090722	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	METHOD OF MANUFACTURING FUEL CELL
JP2011023321 A 20110203	JP20090169977 20090721	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10; H01M8/24	METHOD OF MANUFACTURING FUEL CELL
JP2011021568 A 20110203	JP20090168782 20090717	TOYOTA MOTOR [JP]	F04B39/06; H01M8/04	HEAT RADIATING DEVICE
JP2011023264 A 20110203	JP20090168552 20090717	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL AND FUEL CELL
JP2011024363 A 20110203	JP20090168551 20090717	TOYOTA MOTOR [JP]	H02M3/155	POWER SUPPLY SYSTEM
JP2011023258 A 20110203	JP20090168475 20090717	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011023226 A 20110203	JP20090167626 20090716	TOYOTA MOTOR [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011023132 A 20110203	JP20090164813 20090713	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00; H02M3/155; H02M7/48	POWER CONTROL DEVICE FOR FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011023124 A 20110203	JP20090164616 20090713	TOYOTA MOTOR [JP]	H01M8/02	DEVICE FOR LAMINATING GASKET AS CELL CONSTITUENT MEMBER OF FUEL CELL
JP2011003531 A 20110106	JP20090123192 20090521; JP20100084874 20100401	TOYOTA MOTOR [JP]	H01M4/88; H01M8/02	METHOD FOR MANUFACTURING ELECTRODE CATALYST LAYER, METHOD FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY, AND METHOD FOR MANUFACTURING FUEL CELL
JP2011018622 A 20110127	JP20090164135 20090710	TOYOTA MOTOR [JP]	H01M4/88; B01J31/28; H01M8/10	ELECTRODE CATALYST POWDER AND METHOD OF MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME
JP2011019379 A 20110127	JP20090164070 20090710	TOYOTA MOTOR [JP]	B60L11/18; B60L3/00; H01M8/00; H01M8/04	FUEL CELL SYSTEM AND VEHICLE EQUIPPED WITH THE SAME
JP2011017406 A 20110127	JP20090163352 20090710	TOYOTA MOTOR [JP]	F17C5/06; C01B3/00	HYDROGEN FILLING SYSTEM, HYDROGEN FILLING METHOD, MOVABLE BODY, AND HYDROGEN FILLING DEVICE
JP2011019339 A 20110127	JP20090162176 20090708	TOYOTA MOTOR [JP]	H02M3/00; H01L23/473; H01M8/04; H05K7/20	POWER CONVERSION DEVICE, POWER CONVERSION SYSTEM, AND FUEL CELL SYSTEM
JP2011018553 A 20110127	JP20090162175 20090708	TOYOTA MOTOR [JP]	H01M8/04; B60K1/04; B60K8/00; B60L11/18; H01M8/00	FUEL CELL VEHICLE

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JP2011019338 A 20110127	JP20090162167 20090708	TOYOTA MOTOR [JP]	H02M3/155; H01M8/04; H02M3/00	CONVERTER CONTROL APPARATUS
JP2011019337 A 20110127	JP20090162163 20090708	TOYOTA MOTOR [JP]	H02M3/155; H01M8/04	CONVERTER CONTROL APPARATUS
JP2011018530 A 20110127	JP20090161894 20090708	TOYOTA MOTOR [JP]	H01M4/88; H01M4/96; H01M8/02	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
JP2011018525 A 20110127	JP20090161826 20090708	TOYOTA MOTOR [JP]	H01M8/04; H01L35/28; H01M8/02; H01M8/10; H01M8/24	FUEL CELL AND FUEL CELL SYSTEM
JP2011019314 A 20110127	JP20090161223 20090707	TOYOTA MOTOR [JP]	B60L3/00; B60L7/16; B60L7/24; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011019313 A 20110127	JP20090161222 20090707	TOYOTA MOTOR [JP]	B60L11/18; B60L3/00; B60L7/16; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2011018485 A 20110127	JP20090161221 20090707	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00; H02M7/48	FUEL CELL SYSTEM
JP2011018462 A 20110127	JP20090160695 20090707	TOYOTA MOTOR [JP]	H01M8/02	FUEL CELL AND SEPARATOR USED FOR THE SAME

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JP2011018461 A 20110127	JP20090160655 20090707	TOYOTA MOTOR [JP]	H01M8/04; B60L3/00; B60L11/18; H01M8/00; H01M8/10	FUEL CELL SYSTEM
JP2011014507 A 20110120	JP20090160030 20090706	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	FUEL CELL
JP2011014488 A 20110120	JP20090159651 20090706	TOYOTA MOTOR [JP]	H01M4/96; H01M4/88; H01M8/02	ELECTRODE CATALYST AND FUEL CELL
JP2011014486 A 20110120	JP20090159626 20090706	TOYOTA MOTOR [JP]	H01M8/04; H01M8/24	FUEL CELL
JP2011014484 A 20110120	JP20090159611 20090706	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011014465 A 20110120	JP20090159250 20090703	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM FOR VEHICLES AND METHOD FOR CONTROLLING THE SAME
JP2011015580 A 20110120	JP20090159222 20090703	TOYOTA MOTOR [JP]	B60L11/18; H01M8/00; H01M8/04	FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME
JP2011014462 A 20110120	JP20090159196 20090703	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011014429 A 20110120	JP20090158669 20090703	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011012773 A 20110120	JP20090158181 20090702	TOYOTA MOTOR [JP]	F17C13/00; B60H1/32; B60K1/04; B60K8/00; B60K11/04; F17C7/00	GAS SUPPLY DEVICE
JP2011014406 A 20110120	JP20090158147 20090702	TOYOTA MOTOR [JP]	H01M4/86; H01M8/10	INK FOR CATALYST AND CATALYST LAYER FORMED USING INK FOR CATALYST
JP2011014400 A 20110120	JP20090157969 20090702	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL VOLTAGE MONITORING DEVICE
JP2011014339 A 20110120	JP20090156623 20090701	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM, AND METHOD OF CONTROLLING FUEL CELL SYSTEM
JP2011009160 A 20110113	JP20090153804 20090629	TOYOTA MOTOR [JP]	H01M8/02; H01M8/24	FUEL CELL STACK
JP2011009158 A 20110113	JP20090153793 20090629	TOYOTA MOTOR [JP]	H01M8/24; H01M8/00	FUEL CELL SYSTEM
JP2011010516 A 20110113	JP20090153710 20090629	TOYOTA MOTOR [JP]	H02M3/00; H01M8/04	CONVERTER AND FUEL CELL SYSTEM

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JP2011010508 A 20110113	JP20090153598 20090629	TOYOTA MOTOR [JP]	H02J1/00; B60L3/00; B60L11/18	ELECTRIC POWER SUPPLY SYSTEM
JP2011009137 A 20110113	JP20090153537 20090629	TOYOTA MOTOR [JP]	H01M8/24; H01M8/00; H01M8/06	FUEL CELL STACK
JP2011009133 A 20110113	JP20090153425 20090629	TOYOTA MOTOR [JP]	H01M8/04; B60L11/18; H01M8/00	CONTROL DEVICE OF FUEL CELL SYSTEM
JP2011005997 A 20110113	JP20090152634 20090626	TOYOTA MOTOR [JP]	B60K1/04; B60K8/00; B62D25/20; H01M8/00; H01M8/04	FUEL CELL AUTOMOBILE
JP2011009102 A 20110113	JP20090152232 20090626	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011009053 A 20110113	JP20090151048 20090625	TOYOTA MOTOR [JP]	H01M4/86; H01M4/88	CATALYST PARTICLE FOR FUEL CELL, AND METHOD OF MANUFACTURING THE SAME
JP2011100595 A 20110519	JP20090253697 20091105	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM, RADIATOR, AND COOLANT FILLING METHOD
JP2011099468 A 20110519	JP20090253031 20091104	TOYOTA MOTOR [JP]	F17C5/06; F17C13/00	GAS FILLING DEVICE AND METHOD OF FILLING GAS

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JP2011008999 A 20110113	JP20090150006 20090624	TOYOTA MOTOR [JP]	H01M8/04; H01M4/88; H01M8/10	FUEL BATTERY
JP2011008988 A 20110113	JP20090149603 20090624	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2011008986 A 20110113	JP20090149585 20090624	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011007229 A 20110113	JP20090149400 20090624	TOYOTA MOTOR [JP]	F17C1/00; B60K15/03; C01B3/00; F17C5/06; F17C13/04	GAS TANK AND GAS FUEL VEHICLE
JP2011008951 A 20110113	JP20090148709 20090623	TOYOTA MOTOR [JP]	H01M8/02	GASKET FOR FUEL CELL, LAMINATE MEMBER FOR FUEL CELL, AND FUEL CELL
JP2011008919 A 20110113	JP20090148231 20090623	TOYOTA MOTOR [JP]	H01M8/04	CELL VOLTAGE REDUCTION DETECTING DEVICE
JP2011008916 A 20110113	JP20090148200 20090623	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL COOLING SYSTEM
JP2011003507 A 20110106	JP20090147847 20090622	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM

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JP2011003473 A 20110106	JP20090146940 20090619	TOYOTA MOTOR [JP]	H01M4/88; H01M4/86; H01M8/10	CATALYST PARTICLE FOR FUEL CELL AND MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY USING IT
JP2011003466 A 20110106	JP20090146856 20090619	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011003465 A 20110106	JP20090146842 20090619	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011003447 A 20110106	JP20090146540 20090619	TOYOTA MOTOR [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
JP2011003445 A 20110106	JP20090146516 20090619	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011003441 A 20110106	JP20090146455 20090619	TOYOTA MOTOR [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011002052 A 20110106	JP20090146418 20090619	TOYOTA MOTOR [JP]	F17C7/00; B60S5/02; F17C5/06	GAS SUPPLY SYSTEM
JP2011003430 A 20110106	JP20090146238 20090619	TOYOTA MOTOR [JP]	H01M8/06; H01M8/04	IMPURITY CONCENTRATION CONTROL DEVICE OF FUEL CELL SYSTEM



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JP2011003406 A 20110106	JP20090145733 20090618	TOYOTA MOTOR [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM AND FUEL CELL SYSTEM-MOUNTED VEHICLE
JP2011003404 A 20110106	JP20090145632 20090618	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM, FUEL GAS SUPPLY SYSTEM OF FUEL CELL SYSTEM, AND FUEL GAS SUPPLY METHOD OF FUEL CELL SYSTEM
JP2011003403 A 20110106	JP20090145626 20090618	TOYOTA MOTOR [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2011003385 A 20110106	JP20090145228 20090618	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2011003384 A 20110106	JP20090145227 20090618	TOYOTA MOTOR [JP]	H01M8/24	FUEL CELL AND VEHICLE MOUNTED WITH THE SAME
JP2011003358 A 20110106	JP20090144447 20090617	TOYOTA MOTOR [JP]	H01M8/02; B29C67/20; H01M8/10	METHOD OF MANUFACTURING POROUS MEMBRANE FOR FUEL-CELL ELECTROLYTE MEMBRANE
JP2011086565 A 20110428	JP20090240034 20091019	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011085352 A 20110428	JP20090239755 20091016	TOYOTA MOTOR [JP]	F23N1/00; B60K1/04; B60K8/00; F23K5/00	HIGH PRESSURE GAS SYSTEM

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JP2011086474 A 20110428	JP20090237876 20091015	TOYOTA MOTOR [JP]	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR STOPPING THE SAME
JP2011085443 A 20110428	JP20090237251 20091014	TOYOTA MOTOR [JP]	G01R19/00; H01M8/04	VOLTAGE MEASURING DEVICE AND FUEL CELL SYSTEM USING THE SAME
JP2011086392 A 20110428	JP20090236169 20091013	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011004466 A 20110106	JP20090143483 20090616	TOYOTA MOTOR [JP]	H02M3/155	DEVICE FOR DETECTING CAPACITANCE DROP OF CAPACITOR IN RESONANCE TYPE CONVERTER
JP2011004460 A 20110106	JP20090143318 20090616	TOYOTA MOTOR [JP]	H02M3/155; H01M8/00; H01M8/04	VOLTAGE CONVERTER AND FUEL CELL SYSTEM
JP2011003288 A 20110106	JP20090143072 20090616	TOYOTA MOTOR [JP]	H01M8/04; B60L3/00; B60L11/18; H01M8/24	FUEL CELL SYSTEM
JP2011003278 A 20110106	JP20090142895 20090616	TOYOTA MOTOR [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
DE112004002300 B4 20110203	JP20030393802 20031125; JP20040158764 20040528; WO2004JP16911 20041108	TOYOTA MOTOR [JP]	H01M8/24; H01M8/10	FUEL CELL STACK

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JP2011081972 A 20110421	JP20090231903 20091005	TOYOTA MOTOR [JP]	H01M8/06; C01B3/38	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SYSTEM
JP2011079689 A 20110421	JP20090231724 20091005	TOYOTA MOTOR [JP]	C01B3/00; B01J20/04; C01B6/10	HYDROGEN STORAGE MATERIAL AND METHOD OF USING THE SAME
KR20110033950 A 20110401	KR20117004515 20090508	TOYOTA MOTOR [JP]	H01M8/04; G01N27/02; G01R31/36	FUEL CELL HYDROGEN CONCENTRATION ESTIMATION DEVICE AND FUEL CELL SYSTEM
JP2011077060 A 20110414	JP20110009658 20110120	TOYOTA MOTOR [JP]	H01M8/02	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
JP2011076830 A 20110414	JP20090226225 20090930	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011070993 A 20110407	JP20090222061 20090928	TOYOTA MOTOR [JP]	H01M8/24; H01M8/02; H01M8/10	FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2011070978 A 20110407	JP20090221789 20090928	TOYOTA MOTOR [JP]	H01M8/24	TERMINAL BLOCK AND FUEL CELL SYSTEM
JP2011070894 A 20110407	JP20090220558 20090925	TOYOTA MOTOR [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM

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JP2011070893 A 20110407	JP20090220551 20090925	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM AND CURRENT/VOLTAGE CHARACTERISTICS ESTIMATION METHOD
JP2011067723 A 20110407	JP20090218792 20090924	TOYOTA MOTOR [JP]	B01F5/00; B01F3/02	DILUTION DEVICE
JP2011070794 A 20110407	JP20090218661 20090924	TOYOTA MOTOR [JP]	H01M4/86; H01M8/02; H01M8/10	FUEL BATTERY CELL
US2011129739 A1 20110602	WO2008JP71542 20081127	TOYOTA MOTOR [JP]	H01M8/22	AIR SECONDARY BATTERY
AT500196T T 20110315	JP19980210354 19980708; WO1999JP03603 19990702	TOYOTA MOTOR [JP]	C01B3/32; B01B1/00; B01J8/00; B01J8/02; B01J8/04; B01J8/06; B01J8/08; B01J8/10; B01J19/24; C01B3/38; C10G35/04; H01M8/06	APPARATUS FOR REFORMING OF FUEL
JP2011103233 A 20110526	JP20090257898 20091111	TOYOTA MOTOR [JP]	H01M8/04; G01R19/00; G01R19/165	VOLTAGE MONITORING SYSTEM AND FAILURE DETERMINATION METHOD OF VOLTAGE MONITORING SYSTEM
JP2011103229 A 20110526	JP20090257812 20091111	TOYOTA MOTOR [JP]	H01M8/04	VOLTAGE MONITORING DEVICE OF FUEL CELL STACK, AND NEGATIVE VOLTAGE PROTECTION METHOD OF THE SAME

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JP2011100677 A 20110519	JP20090255826 20091109	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011100646 A 20110519	JP20090254983 20091106	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011100645 A 20110519	JP20090254981 20091106	TOYOTA MOTOR [JP]	H01M8/04; F17C5/06	FUEL CELL SYSTEM
JP2011100641 A 20110519	JP20090254886 20091106	TOYOTA MOTOR [JP]	H01M8/02; H01M8/04	METHOD AND DEVICE FOR EVALUATING MEMBRANE ELECTRODE ASSEMBLY
JP2011090823 A 20110506	JP20090241998 20091021	TOYOTA MOTOR [JP]	H01M8/04	METHOD OF STOPPING POWER SUPPLY DEVICE WITH FUEL CELL AND POWER CONVERSION DEVICE
US2011143248 A1 20110616	WO2009JP06915 20091216	TOYOTA MOTOR [JP]	H01M8/04; H01M8/24	FUEL CELL
JP2011096498 A 20110512	JP20090248897 20091029	TOYOTA MOTOR [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL LAMINATE
JP2011096457 A 20110512	JP20090248065 20091028	TOYOTA MOTOR [JP]	H01M4/88; H01M8/10	METHOD OF MANUFACTURING FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011093642 A 20110512	JP20090247979 20091028	TOYOTA MOTOR [JP]	B65H19/18; H01M8/02	REPLACING METHOD OF NEW AND OLD MATERIAL ROLLS WITH MULTILAYER LONG SIZE TAPE BODY WOUND THEREON
JP2011096420 A 20110512	JP20090247293 20091028	TOYOTA MOTOR [JP]	H01M8/02; H01M8/12	METHOD FOR MANUFACTURING ELECTRODE-ELECTROLYTE MEMBRANE ASSEMBLY AND FUEL CELL
JP2011094652 A 20110512	JP20090246918 20091027	TOYOTA MOTOR [JP]	F17C13/02; F17C5/06; F17C13/12; H01M8/00; H01M8/04	MOVING BODY
JP2011094641 A 20110512	JP20090246388 20091027	TOYOTA MOTOR [JP]	F17C13/04; F16K15/06; F17C5/06	CHECK VALVE MECHANISM FOR CHARGING HIGH-PRESSURE GAS
JP2011090987 A 20110506	JP20090245272 20091026	TOYOTA MOTOR [JP]	H01M4/88; H01M4/86; H01M8/10	MANUFACTURING METHOD OF ELECTRODE FOR FUEL CELL
JP2011090912 A 20110506	JP20090243944 20091023	TOYOTA MOTOR [JP]	H01M8/04	FUEL CELL SYSTEM, AND STARTING CONTROL METHOD OF FUEL CELL SYSTEM
JP2011090886 A 20110506	JP20090243527 20091022	TOYOTA MOTOR [JP]	H01M8/04; H01M8/00	FUEL CELL SYSTEM
US2011123885 A1 20110526	US20110929477 20110127; JP20030416445 20031215; US20040566385 20041214; WO2004IB04112 20041214	TOYOTA MOTOR [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND GAS CONTROL METHOD

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE112004002382 B4 20110505	JP20030408486 20031208; WO2004JP18095 20041129	TOYOTA MOTOR [JP]	H01M8/02; H01M8/12; H01M4/86; H01M4/88; H01M4/94; H01M8/04; H01M8/10	FUEL CELL MANUFACTURING METHOD AND FUEL CELL
JP2011002308 A 20110106	JP20090144833 20090618	TOYOTA MOTOR [JP]; AISIN SEIKI	G01M15/11; H01M8/06	APPARATUS AND METHOD FOR DETECTING IGNITION AND FLAMEOUT
JP2011029196 A 20110210	JP20100209018 20100917	TOYOTA MOTOR [JP]; AISIN TAKAOKA LTD; NIPPON PAINT CO LTD	H01M8/02; C25D9/10; C25D13/20	METHOD OF MANUFACTURING SEPARATOR FOR FUEL CELL
JP2011028973 A 20110210	JP20090172827 20090724	TOYOTA MOTOR [JP]; CATALER CORP	H01M8/04; H01M4/88; H01M8/10	METHOD FOR EVALUATING CATALYST LAYER OF SOLID POLYMER FUEL CELL
JP2011003492 A 20110106	JP20090147429 20090622	TOYOTA MOTOR [JP]; CATALER CORP	H01M4/86; H01M4/88; H01M4/90; H01M4/92; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, ITS MANUFACTURING METHOD, AND SOLID POLYMER FUEL CELL USING THE SAME
JP2011033068 A 20110217	JP20090177498 20090730	TOYOTA MOTOR [JP]; DAIHATSU MOTOR CO LTD	F17C5/06; C01B3/00; F17C13/02	GAS FILLING SYSTEM
JP2011021972 A 20110203	JP20090166628 20090715	TOYOTA MOTOR [JP]; DAIHATSU MOTOR CO LTD	G01L9/00; B60L11/18; G01L19/06; H01M8/00; H01M8/04	PRESSURE MEASUREMENT DEVICE AND VEHICLE INCLUDING THE SAME
JP2011087439 A 20110428	JP20090240142 20091019	TOYOTA MOTOR [JP]; DAIHATSU MOTOR CO LTD	H02M3/155	POWER SUPPLY DEVICE SYSTEM

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WO2011045839 A1 20110421	WO2009JP05386 20091015	TOYOTA MOTOR [JP]; GOTO SOGO [JP]	H01M8/02; H01M8/06; H01M8/10; H01M8/24	FUEL CELL STACK
WO2011013213 A1 20110203	WO2009JP63490 20090729	TOYOTA MOTOR [JP]; HASEGAWA TAKAHIKO [JP]; MINAMII TOSHIHIKO [JP]	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM
WO2011045869 A1 20110421	WO2009JP68218 20091016	TOYOTA MOTOR [JP]; HELMHOLTZ ZENT B MAT & ENERG [DE]; TAKAHASHI HIROAKI [JP]; HERRMANN IRIS [DE]; ZEHL GERALD [DE]; BOGDANOFF PETER [DE]; FIECHTER SEBASTIAN [DE]	H01M4/88; H01M4/92; H01M8/10	METHOD FOR PRODUCING ELECTRODE CATALYST FOR FUEL CELL
JP2011090911 A 20110506	JP20090243852 20091022	TOYOTA MOTOR [JP]; HITACHI SHIPBUILDING ENG CO	H01M4/88; H01M4/86; H01M4/90; H01M4/96; H01M8/02	CATALYST CARRYING METHOD, AND MEMBRANE-ELECTRODE ASSEMBLY



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011077755 A1 20110630	JP20090293878 20091225	TOYOTA MOTOR [JP]; ISEKI TAKASHI [JP]; NAKANISHI KAZUYUKI [JP]; OZAWA YASUHIRO [JP]; YAMADA YUKA [JP]; HASEGAWA HAJIME [JP]; KOIZUMI MASAFUMI [JP]; FUJISAWA KATSUTOSHI [JP]; UEDA NAOKI [JP]; HISANO HIROHIKO [JP]	H01M8/02; C01B31/02	SEPARATOR FOR FUEL CELL AND METHOD FOR PRODUCING SAME
WO2011064649 A1 20110603	JP20090268246 20091126	TOYOTA MOTOR [JP]; KAWAHARA SHUYA [JP]; KATO MANABU [JP]; KUMEI HIDEYUKI [JP]; UCHIYAMA TOMOAKI [JP]; MARUO TSUYOSHI [JP]	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD OF SAME
WO2011074034 A1 20110623	WO2009JP06931 20091216	TOYOTA MOTOR [JP]; KUMEI HIDEYUKI [JP]; KATO MANABU [JP]; KIMURA KAZUTAKA [JP]	H01M8/04	CONTROL FOR A FUEL CELL
WO2011042932 A1 20110414	WO2009JP05214 20091007	TOYOTA MOTOR [JP]; KUMEI HIDEYUKI [JP]; KATO MANABU [JP]; TANAKA MICHIIHITO [JP]	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR STOPPING FUEL CELL SYSTEM
JP2011096388 A 20110512	JP20090246449 20091027	TOYOTA MOTOR [JP]; KYOCERA CORP [JP]	H01M8/04; H01M8/06	FUEL CELL MODULE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011073801 A1 20110623	JP20090284533 20091215	TOYOTA MOTOR [JP]; KYOCERA CORP [JP]; IZAWA YASUHIRO [JP]; SHIOKAWA SATOSHI [JP]; ONO TAKASHI [JP]; NAKAMURA MITSUHIRO [JP]	H01M8/24; H01M8/04; H01M8/06	FUEL CELL MODULE
WO2011021101 A1 20110224	JP20090190641 20090820	TOYOTA MOTOR [JP]; KYOCERA CORP [JP]; MASUI TAKATOSHI [JP]; SHIGEHISA TAKASHI [JP]	H01M8/04	FUEL CELL SYSTEM AND OPERATING METHOD FOR FUEL CELL SYSTEM
JP2011014495 A 20110120	JP20090159816 20090706	TOYOTA MOTOR [JP]; KYOCERA CORP; AISIN SEIKI	H01M8/04; H01M8/06	FUEL BATTERY MODULE
JP2011091004 A 20110506	JP20090245639 20091026	TOYOTA MOTOR [JP]; KYOCERA CORP; AISIN SEIKI	H01M8/04	FUEL CELL SYSTEM
WO2011036766 A1 20110331	WO2009JP66638 20090925	TOYOTA MOTOR [JP]; MATSUSUE MASA AKI [JP]	H01M8/04	FUEL CELL SYSTEM
WO2011024581 A1 20110303	WO2009JP64881 20090826	TOYOTA MOTOR [JP]; MATSUSUE MASA AKI [JP]	H01M8/02; H01M8/10	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011036765 A1 20110331	WO2009JP66637 20090925	TOYOTA MOTOR [JP]; MATSUSUE MASAOKI [JP]; TANO YUTAKA [JP]; TSUCHIYA NAOHISA [JP]; KINOMOTO TADAOMI [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2011004489 A1 20110113	WO2009JP62552 20090709	TOYOTA MOTOR [JP]; MORI HIROAKI [JP]; UMAYAHARA KENJI [JP]	H01M8/04; B60L11/18	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
WO2011013226 A1 20110203	WO2009JP63567 20090730	TOYOTA MOTOR [JP]; NAGANUMA YOSHIKI [JP]	H01M8/04; H01M8/06	FUEL CELL SYSTEM
WO2011004485 A1 20110113	WO2009JP62539 20090709	TOYOTA MOTOR [JP]; NAGANUMA YOSHIKI [JP]; SUEMATSU KEIGO [JP]; ISHIKAWA TOMOTAKA [JP]; KATSUDA HIROYUKI [JP]	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM
WO2011067805 A1 20110609	WO2009JP06498 20091201	TOYOTA MOTOR [JP]; NAGASAWA TAKESHI [JP]; WATANABE KAZUHIRO [JP]; NAGANO TAKUJI [JP]; IIZUKA KAZUTAKA [JP]; TAKAMI RIE [JP]; MIYAMOTO NAOTOSHI [JP]	H01M8/02; H01M8/10; H01M8/24	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011073777 A1 20110623	JP20090287094 20091218	TOYOTA MOTOR [JP]; NAT UNIVERSITY CORP YOKOHAMA NAT UNIVERSITY [JP]; IMANISHI HIROYUKI [JP]; MANABE KOTA [JP]; KITAMURA NOBUYUKI [JP]; HASEGAWA TAKAHIKO [JP]; KAWAMURA ATSUO [JP]; TSURUTA YUKINORI [JP]	H02M1/34; H01M8/04	FUEL CELL SYSTEM INCLUDING SOFT SWITCHING BOOST CONVERTER
JP2011008942 A 20110113	JP20090148537 20090623	TOYOTA MOTOR [JP]; NIPPON CHEMICAL IND	H01M8/04	COOLING LIQUID FOR FUEL CELL
JP2011069468 A 20110407	JP20090222750 20090928	TOYOTA MOTOR [JP]; NITTO KOHKI CO	F17D5/02; F16J15/00; F16L55/00	SYSTEM AND METHOD OF DETECTING ABNORMALITY IN FLUID SUPPLY
WO2011051767 A1 20110505	JP20090249926 20091030	TOYOTA MOTOR [JP]; NOTO HIRONORI [JP]	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM
WO2011024063 A2 20110303	JP20090198392 20090828	TOYOTA MOTOR [JP]; PANASONIC CORP [JP]; IMANISHI HIROYUKI [JP]; MANABE KOTA [JP]; KANEKO TOMOHIKO [JP]; KYOUDA TAKUYA [JP]	H02M7/00	CAPACITOR FOR DC-DC CONVERTER, DC- DC CONVERTER, AND FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011061817 A1 20110526	WO2009JP69527 20091118	TOYOTA MOTOR [JP]; SUEMATSU KEIGO [JP]; ISHIKAWA TOMOTAKA [JP]; NAGANUMA YOSHIKI [JP]; KATSUDA HIROYUKI [JP]	H01M8/04; H01M8/06; H01M8/10	METHOD FOR DETERMINING THE WATER CONTENT STATE OF THE CELLS OF A BATTERY, DEVICE THEREFOR, METHOD FOR CONTROLLING THE WATER CONTENT STATE OF THE CELLS OF A BATTERY, DEVICE THEREFOR, AND BATTERY SYSTEM
WO2011048690 A1 20110428	WO2009JP68229 20091023	TOYOTA MOTOR [JP]; SUEMATSU KEIGO [JP]; ISHIKAWA TOMOTAKA [JP]; SAKAJO YUICHI [JP]	H01M8/04	FUEL CELL SYSTEM
WO2011058677 A1 20110519	WO2009JP06052 20091112	TOYOTA MOTOR [JP]; TAKEUCHI HIROAKI [JP]; OGAWA TOMOHIRO [JP]; NANBA RYOUICHI [JP]; TANIGUCHI TAKUMI [JP]; JOMORI SHINJI [JP]; IKEDA KOICHIRO [JP]; HASEGAWA SHIGEKI [JP]; ITO MASAYUKI [JP]; HAMADA HITOSHI [JP]; TAKESHITA NAOHIRO [JP]	H01M8/02; H01M8/10	FUEL CELL
WO2011021301 A1 20110224	WO2009JP64613 20090821	TOYOTA MOTOR [JP]; TANAKA HIROMI [JP]; NAGANUMA YOSHIKI [JP]; YUMITA OSAMU [JP]	H01M8/04	FUEL CELL SYSTEM
JP2011003296 A 20110106	JP20090143209 20090616	TOYOTA MOTOR [JP]; TOYOTA BOSHOKU CORP	H01M8/04	FASTENING PART STRUCTURE OF PIPING FOR FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011014506 A 20110120	JP20090159999 20090706	TOYOTA MOTOR [JP]; TOYOTA CENTRAL RES & DEV; CATALER CORP	H01M4/90; B01J23/648; H01M4/92; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL AND SOLID POLYMER FUEL CELL USING THE SAME
JP2011014475 A 20110120	JP20090159476 20090706	TOYOTA MOTOR [JP]; TOYOTA CENTRAL RES & DEV; CATALER CORP	H01M4/88; H01M4/90; H01M4/92; H01M8/10	ELECTRODE CATALYST FOR FUEL CELL, MANUFACTURING METHOD THEREOF, AND SOLID POLYMER FUEL CELL
JP2011001991 A 20110106	JP20090144239 20090617	TOYOTA MOTOR [JP]; TOYOTA IND CORP	F17C5/06; B60K15/03; B60S5/02	HYDROGEN FILLING SYSTEM
WO2011010366 A1 20110127	WO2009JP63066 20090721	TOYOTA MOTOR [JP]; TSUBOKAWA TAKEHISA [JP]	B60K15/03; F16K27/00; F16L41/00; F17C5/06; F17C7/00; F17C13/04; H01M8/00; H01M8/04	FUEL SYSTEM AND VEHICLE
WO2011064637 A1 20110603	JP20090270126 20091127	TOYOTA MOTOR [JP]; TSUBOSAKA KENJI [JP]; HAMADA HITOSHI [JP]; KATO MANABU [JP]	H01M8/04; H01M8/02; H01M8/10	FUEL CELL
WO2011010367 A1 20110127	WO2009JP63067 20090721	TOYOTA MOTOR [JP]; UCHIMURA CHIIHIRO [JP]; TSUBOKAWA TAKEHISA [JP]	B60K15/03; F16K27/00; F16L41/00; F17C5/06; F17C7/00; F17C13/04; H01M8/00; H01M8/04	FUEL SYSTEM AND VEHICLE
WO2011021263 A1 20110224	WO2009JP64401 20090817	TOYOTA MOTOR [JP]; UMAYAHARA KENJI [JP]	H01M8/04	FUEL CELL SYSTEM
WO2011013212 A1 20110203	WO2009JP63489 20090729	TOYOTA MOTOR [JP]; UMAYAHARA KENJI [JP]	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM

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WO2011004487 A1 20110113	WO2009JP62549 20090709	TOYOTA MOTOR [JP]; UMAYAHARA KENJI [JP]	B60L11/18; H01M8/00; H01M8/04	FUEL CELL SYSTEM AND MOTOR DRIVE METHOD
KR20110030635 A 20110323	KR20117001711 20081010	TOYOTA MOTOR [JP]; UTC POWER CORP [US]	H01M8/02; H01M8/10	FUEL CELL
WO2011018856 A1 20110217	WO2009JP64357 20090814	TOYOTA MOTOR [JP]; YAMANAKA TOMIO [JP]; ISHIKAWA TOMOTAKA [JP]	H01M8/04; H01M8/10	METHOD FOR CONTROLLING WATER CONTENT IN FUEL CELL AND FUEL CELL SYSTEM
WO2011004493 A1 20110113	WO2009JP62596 20090710	TOYOTA MOTOR [JP]; YOSHIDA MICHIO [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2011010365 A1 20110127	WO2009JP63064 20090721	TOYOTA MOTOR [JP]; YUMITA OSAMU [JP]	H01M8/04	FUEL CELL SYSTEM
US2011076587 A1 20110331	US20100892791 20100928; US20090246523P 20090928	TREADSTONE TECHNOLOGIES INC [US]	H01M8/24; B05D3/10; B22F7/00; B32B5/16; C23C4/10; H01M8/10	HIGHLY ELECTRICALLY CONDUCTIVE SURFACES FOR ELECTROCHEMICAL APPLICATIONS AND METHODS TO PRODUCE SAME
US2011027670 A1 20110203	US20090641217 20091217; US20070829035 20070726; US20060820574P 20060727	TRULITE INC [US]	H01M8/04	APPARATUS FOR GENERATING ELECTRICITY FROM A CHEMICAL HYDRIDE
CN102013536 A 20110413	CN20101527710 20101028	TSINGHUA UNIVERSITY	H01M12/06; H01M8/04	LIQUID FLOW TYPE LITHIUM-AIR BATTERY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN102005592 A 20110406	CN20101511124 20101018	TSINGHUA UNIVERSITY	H01M8/04	REACTIVATION METHOD FOR FUEL CELL
RU2414776 C1 20110320	RU20100104605 20100209	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST EHLEKTROFIZIKI URAL SKOGO OTDEL RAN IEHF URO RAN [RU]; UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST ORCH SINTEZA IM I JA POSTOVSKOGO URAL SKOGO OTDEL RAN IOS [RU]	H01M8/12	STABLE SUSPENSION OF ISOPROPANOL SLURRY ON POLYVINYL BUTYRAL BONDING MATERIAL FROM NANOPOWDER WITH ADDITION OF DISPERSANT (VERSIONS) AND ITS OBTAINING METHOD
RU2415496 C1 20110327	RU20100113670 20100407	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST VYSOKOTEMPERATURN OJ EHLEKTROKHIMII URAL SKOGO OTDEL RAN [RU]	H01M6/18; H01M8/10	SOLID ELECTROLYTE WITH RUBIDIUM- CATION CONDUCTIVITY
AT509143T T 20110515	IT2001MI02379 20011112; WO2002EP12661 20021112	UHDENORA SPA [IT]	C25B9/08; C25B13/08; C25B1/46; C25B15/08; H01M4/86; H01M8/02	ELECTROLYSIS CELL WITH GAS DIFFUSION ELECTRODE



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011020725 A1 20110127	US20100897629 20101004; US20070621897 20070110; US20060758709P 20060112	ULTRACELL CORP [US]	H01M8/24	MANUFACTURE OF ELECTRICAL ENERGY GENERATION EQUIPMENT
US2011020717 A1 20110127	US20100894541 20100930; US20050120643 20050502; US20040638421P 20041221	ULTRACELL CORP [US]	H01M8/04; H01M8/00; H01M8/06	COMPACT FUEL CELL PACKAGE
EP2273591 A2 20110112	EP20060723730 20060325; EP20050006903 20050330; EP20100013185 20060325	UMICORE AG & CO KG [DE]	H01M4/86; C25B9/10; H01M4/88; H01M4/92; H01M8/10	INK FOR PRODUCING CATALYST LAYERS
AT503281T T 20110415	DE200410054503 20041111; WO2005EP12005 20051109	UMICORE AG & CO KG [DE]	H01M8/10; B23K20/04; H01M4/88	METHOD AND DEVICE FOR PRODUCING MEMBRANE-ELECTRODE UNITS
AT503277T T 20110415	DE20031025324 20030604; WO2004EP03362 20040330	UMICORE AG & CO KG [DE]	H01M4/88; H01M4/86; H01M8/00; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE UNIT FOR DIRECT METHANOL FUEL CELLS AND METHOD FOR THE PRODUCTION THEREOF
AT509386T T 20110515	EP20020004598 20020228	UMICORE AG & CO KG [DE]	H01M8/02; H01M8/10	PROCESS FOR MANUFACTURING OF CATALYST COATED MEMBRANES AND MEMBRANE ELECTRODE UNITS FOR FUEL CELLS
WO2011003608 A1 20110113	US20090224354P 20090709	UNI I OSLO [NO]; NORBY TRULS [NO]	H01M8/04; A61M16/14; B01L3/00; B01L5/04	GAS HUMIDIFICATION AND PRESSURE CONTROL
WO2011075135 A1 20110623	WO2009US68681 20091218	UNITED TECHNOLOGIES CORP [US]; PERRY MICHAEL L [US]	H01M8/00	FLOW BATTERY WITH INTERDIGITATED FLOW FIELD

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011039181 A1 20110217	US20090385217 20090401; US20080064955P 20080404	UNIV ARIZONA [US]	H01M8/00; H01M2/00; H01M8/10	ELECTROCHEMICAL CELL, AND PARTICULARLY A METAL FUELED CELL WITH NON-PARALLEL FLOW
DE102009034575 A1 20110127	DE200910034575 20090724	UNIV BIELEFELD [DE]	B01D69/12; H01M8/02	PERFORIERTE MEMBRANEN
AT508488T T 20110515	US20010343294P 20011218; WO2002US40703 20021218	UNIV CALIFORNIA [US]	H01M8/12; B05D1/36; B05D3/02	A PROCESS FOR MAKING DENSE THIN FILMS
WO2011043758 A1 20110414	WO2009US05553 20091009	UNIV CALIFORNIA [US]; YAN YUSHAN [US]; CAI RUI [US]; GU SHUANG [US]	H01M8/16	ANION/HYDROXIDE EXCHANGE FUEL CELLS COMPRISING IONOMERS AND MEMBRANES
WO2011006511 A1 20110120	EP20090389502 20090717; US20090226462P 20090717	UNIV DANMARKS TEKNISKE [DK]; NOERSKOV JENS [DK]; GREELEY JEFFREY [US]; STEPHENS IFAN [DK]; BONDARENKO ALEXANDER [DK]; JOHANSSON TOBIAS [DK]; HANSEN HEINE ANTON [DK]; JARAMILLO THOMAS [US]; ROSSMEISL JAN [DK]; CHORKENDORFF IB [DK]	H01M4/92; H01M4/86; H01M8/10	PLATINUM AND PALLADIUM ALLOYS SUITABLE AS FUEL CELL ELECTRODES

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011008705 A1 20110113	US20100839124 20100719; US20090505070 20090717; US20070670687 20070202; US20100320639P 20100402; US20080081851P 20080718; US20060764504P 20060202	UNIV FLORIDA STATE RES FOUND [US]	H01M8/10	CATALYTIC ELECTRODE WITH GRADIENT POROSITY AND CATALYST DENSITY FOR FUEL CELLS
WO2011009124 A2 20110120	US20100320639P 20100402; US20090505070 20090717	UNIV FLORIDA STATE RES FOUND [US]; ZHENG JIAN-PING [US]; LIANG ZHIYONG [US]; WANG BEN [US]; ZHANG CHUN [US]; ZHU WEI [US]	H01M4/90; B01J23/00; B82B3/00; H01M4/88; H01M8/10	CATALYTIC ELECTRODE WITH GRADIENT POROSITY AND CATALYST DENSITY FOR FUEL CELLS
WO2011055739 A1 20110512	JP20090254057 20091105	UNIV GUNMA NAT UNIV CORP [JP]; NISSHINBO HOLDINGS INC [JP]; KISHIMOTO TAKEAKI [JP]; IMADA MIKIKO [JP]; OZAKI JUN-ICHI [JP]	B01J23/76; B01J23/75; B01J37/08; H01M4/88; H01M4/90	CARBON CATALYST, PROCESS FOR PRODUCTION OF SAME, AND ELECTRODE AND BATTERY EACH UTILIZING SAME
JP2011072934 A 20110414	JP20090228054 20090930	UNIV HOKKAIDO [JP]	B01J23/46; B01J37/08; B01J37/16; C22C5/04; H01M4/88; H01M4/92	PTRU/C CATALYST HAVING CONTROLLED ALLOYING DEGREE AND DISPERSIBILITY AND METHOD FOR PRODUCING THE SAME
US2011059378 A1 20110310	US20100868481 20100825; US20090241296P 20090910	UNIV HONG KONG [CN]	H01M8/06; B01J21/18; B01J23/56; C01B3/22	CATALYST FOR HYDROGEN GENERATION FROM SMALL ORGANIC MOLECULES
KR20110069472 A 20110623	KR20090126219 20091217	UNIV INJE IND ACAD COOPERATION [KR]	H01M8/04; C01B3/02; G05D22/00; G05D23/00	INTAKE TEMPERATURE AND HUMIDITY CONTROL DEVICE AND METHOD FOR FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110006310 A 20110120	KR20090063886 20090714	UNIV KONKUK IND COOP CORP [KR]	H01M8/04; H02M3/02; H02M7/42	FUEL CELL POWER CONDITIONING SYSTEM USING MULTI-LEVEL CONVERTER
US2011065025 A1 20110317	KR20090073164 20090810; KR20090101074 20091023	UNIV KOREA RES & BUS FOUND [KR]	H01M8/02; B01J23/16; B01J23/42; B01J23/46; B01J23/48; B01J23/63; B01J23/72	PROCESS OF PREPARING PT/SUPPORT OR PT ALLOY/SUPPORT CATALYST, THUS- PREPARED CATALYST AND FUEL CELL COMPRISING THE SAME
KR20110016116 A 20110217	KR20090073651 20090811	UNIV KOREA RES & BUS FOUND [KR]; IND ACADEMIC COOP [KR]	H01M8/12	FABRICATION METHODS OF SOLID ELECTROLYTE OF SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL USING THE SAME
WO2011049113 A1 20110428	JP20090242879 20091021; JP20100129364 20100604	UNIV KYOTO [JP]; INST NAT COLLEGES TECH JAPAN [JP]; TSUJII YOSHINOBU [JP]; OONO KOUJI [JP]; FUKUDA TAKESHI [JP]; SATO TAKAYA [JP]; MORINAGA TAKASHI [JP]	H01M10/056; C08F20/34; H01G9/038; H01M4/13; H01M4/62; H01M8/02; H01M8/10; H01M10/052; H01M10/0565; H01M10/0585	ELECTROCHEMICAL DEVICE USING SOLID POLYMER ELECTROLYTE USING FINE POLYMER COMPOSITE PARTICLES
US2011151544 A1 20110623	US201113021953 20110207; WO2009US53240 20090808; US20080087392P 20080808	UNIV MASSACHUSETTS [US]	C12N1/36; A62D3/02; C12N1/20; H01M8/16	GEOBACTER STRAINS THAT USE ALTERNATE ORGANIC COMPOUNDS, METHODS OF MAKING, AND METHODS OF USE THEREOF
US2011118105 A1 20110519	US20100927526 20101117; US20090262239P 20091118	UNIV MICHIGAN [US]	B01J38/12; B01J19/08; B01J38/04; B01J38/10; H01M8/10	USE OF MICROWAVE ENERGY TO REMOVE CONTAMINATING DEPOSITS FROM A CATALYST

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011006216 A1 20110120	AU20090903290 20090714	UNIV MONASH [AU]; WINTHER-JENSEN BJOM [AU]; FORSYTH MARIA [AU]; MACFARLANE DOUGLAS ROBERT [AU]	H01M4/96; H01M4/02; H01M4/133; H01M6/02; H01M8/02; H01M10/04	ELECTRODE FOR ELECTROCHEMICAL CELLS
WO2011011829 A1 20110203	AU20090903544 20090729	UNIV MURDOCH [AU]; CHENG KA YU [AU]; CORD-RUWISCH RALF [AU]	H01M8/20; H01M8/16; H01M8/18; H01M12/00; H01M14/00	A BIOELECTROCHEMICAL CELL SYSTEM
US2011014550 A1 20110120	US20080808162 20081212; US20070013909P 20071214; WO2008SG00477 20081212	UNIV NANYANG TECH [SG]	H01M8/00; H01M4/02	NANOSTRUCTURED MATERIAL LOADED WITH NOBLE METAL PARTICLES
WO2011021982 A1 20110224	WO2009SG00288 20090820	UNIV NANYANG TECH [SG]; MAK WAI FATT [SG]; WEE TSYH YING GRACE [SG]; SALIM TEDDY [SG]; SRINIVASAN MADHAVI [SG]; MHAISALKAR SUBODH [SG]; BOEY YIN CHIANG FREDDY [SG]	H01L31/058; H01L31/05; H01L35/04; H01M8/04; H01M12/04	INTEGRATED ELECTRODE ARCHITECTURES FOR ENERGY GENERATION AND STORAGE
US2011091745 A1 20110421	TW20090134904 20091015	UNIV NAT TAIWAN SCIENCE TECH [TW]	H01M8/16	APPARATUS FOR ENERGY STORAGE OF MICROBIAL FUEL CELL AND MICROBIAL FUEL CELL ENERGY STORAGE SYSTEM COMPRISING SAID APPARATUS

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011039576 A1 20110407	PT20090104766 20090929	UNIV NOVA DE LISBOA [PT]; DE PAIVA MARTINS RODRIGO FERRAO [PT]; CORREIA FORTUNATO ELVIRA MARIA [PT]; MERCES FERREIRA ISABEL MARIA [PT]; MIRANDA RIBEIRO BORGES JOAO PAULO [PT]; BERNARDINO BAPTISTA ANA CATARINA [PT]; DE ALBUQUERQUE BRAS BRUNO ANDRE [PT]	H01M2/16; H01M4/04; H01M8/02; H01M10/04; H01M10/36; H01M10/38	ENERGY GENERATION AND/OR STORAGE DEVICE BASED ON FIBRES AND THIN FILMS
WO2011069077 A1 20110609	US20090266794P 20091204	UNIV OHIO [US]; BOSE ANIMA B [US]	H01M8/02; C08G77/04; H01M4/86; H01M4/88; H01M8/10	COMPOSITE MEMBRANE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL
WO2011038453 A1 20110407	AU20090904724 20090929	UNIV QUEENSLAND [AU]; BROWN SHELLEY THERESE [AU]; ROZENDAL RENE [AU]; RABAEY KORNEEL [AU]	H01M8/16; H01M8/24	BIOELECTROCHEMICAL SYSTEM
EP2311129 A1 20110420	WO2009SG00242 20090708; US20080078834P 20080708; SG20080005779 20080731	UNIV SINGAPORE [SG]	H01M8/16; C02F3/00; H01M4/86	AN IMPROVED CATHODE DESIGN
KR20110036382 A 20110407	KR20090094013 20091001	UNIV SOONGSIL RES CONSORTIUM [KR]	H01M4/86; H01M8/02; H01M8/04	FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
KR20110027037 A 20110316	KR20090084944 20090909	UNIV SOONGSIL RES CONSORTIUM [KR]	H01M8/04	METHOD FOR GENERATING STANDARD INFORMATION FOR ESTIMATING STATE OF HEALTH OF FUEL CELL AND METHOD FOR ESTIMATING STATE OF HEALTH OF FUEL CELL USING THE INFORMATION
KR20110026620 A 20110316	KR20090084352 20090908	UNIV SOONGSIL RES CONSORTIUM [KR]	H01M8/04; H01M8/24	CONTROL METHOD FOR THE SMALL PEM FUEL CELL WITHOUT EXTERNAL HUMIDIFICATION AND APPARATUS FOR THE SAME
KR20110056472 A 20110530	KR20110045968 20110516	UNIV SOONGSIL RES CONSORTIUM [KR]	H01M4/86; B82B3/00; H01M4/88; H01M8/10	CATALYST ELECTRODE OF CORE/SHELL NANOSTRUCTURE SUPPORTS AND METHOD OF IT FOR FUEL CELL
WO2011009307 A1 20110127	CN20091041374 20090724	UNIV SOUTH CHINA TECH [CN]; LIAO SHIJUN [CN]; ZHU HUAPING [CN]; XU LEIMIN [CN]; SU HUANENG [CN]; YANG LIJUN [CN]; WU YANNI [CN]; LIANG ZHENXING [CN]	H01M4/90; H01M4/86; H01M4/88; H01M8/02	ELECTRODE CATALYST FOR MEMBRANE ELECTRODE OF FUEL CELL AND ITS METHOD OF PREPARATION AND FUEL CELL MEMBRANE ELECTRODE
US7943259 B1 20110517	US20070958841 20071218; US20060870514P 20061218	UNIV SOUTH FLORIDA [US]	H01M8/16	METHOD OF CONTROLLED DELIVERY FOR USE OF ELECTROCHEMICAL POWER SOURCE
WO2011070312 A1 20110616	GB20090021451 20091208	UNIV ST ANDREWS [GB]; IRVINE JOHN THOMAS SIRR [GB]; ATTIDEKOU PIERROT SASSOU [GB]	B01D69/14; C08F259/08; C08J5/22; C08K3/32; C08K3/34; H01M8/02; H01M8/10	SILICON PHOSPHATE AND MEMBRANE COMPRISING THE SAME

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
EP2273596 A2 20110112	EP20040821605 20041104; US20030517626P 20031105; US20040931147 20040831	UNIV ST LOUIS [US]	H01M8/16; C12Q1/00; H01M4/86; H01M4/90	IMMOBILIZED ENZYMES IN BIOCATHODES
JP2011021215 A 20110203	JP20090165565 20090714	UNIV TOKYO METROPOLITAN	C23C14/28; H01M4/88; H01M8/00; H01M8/02; H01M8/12	FILM-FORMING APPARATUS AND FILM- FORMING METHOD
JP2011068872 A 20110407	JP20090195643 20090826; JP20100187186 20100824	UNIV TOKYO METROPOLITAN	C08J5/22; C08G73/10; C08K3/32; C08L79/04; C08L79/08; H01B1/06; H01B13/00; H01M8/02; H01M8/10	PHOSPHORIC ACID-DOPED ELECTROLYTE MEMBRANE, METHOD FOR PRODUCING THE SAME, AND FUEL CELL INCLUDING THE SAME
JP2011086476 A 20110428	JP20090237886 20091015	UNIV TSUKUBA	H01M8/04	DETECTING DEVICE AND FUEL CELL SYSTEM
KR20110064905 A 20110615	KR20090121679 20091209	UNIV ULSAN FOUND FOR IND COOP [KR]	C01G25/02; H01M8/12	MANUFACTURING METHOD OF POROUS YTTRIA STABILIZED ZIRCONIA
ES2352709 A1 20110307	ES20070001133 20070426	UNIV VIGO [ES]	H01M8/04; G05F1/10	DISEÑO, MODELIZACIÓN Y DESARROLLO DE UN SISTEMA MODULAR DE GENERACIÓN ELÉCTRICA BASADO EN PILAS DE COMBUSTIBLE PARA SUMINISTRAR ENERGÍA ELÉCTRICA A PEQUEÑOS Y MEDIANOS CONSUMIDORES.



<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
US2011053020 A1 20110303	US20080513524 20081107; US20080031273P 20080225; US20070986957P 20071109; WO2008US82884 20081107	UNIV WASHINGTON [US]; IDAHO RES FOUND [US]	H01M8/06; B01J21/06; B01J21/08; B01J23/00; B01J23/06; B01J23/42; B01J23/44; B01J23/50; B01J23/52; B01J23/72; B01J23/745; B01J23/75; B01J23/755; B01J27/24; C01B3/02; C01B3/16; C01B3/26; C07C5/03; F02B43/00	CATALYSTS AND RELATED METHODS
US2011065017 A1 20110317	US20100879298 20100910; US20090241779P 20090911; US20100345658P 20100518	UNIV WASHINGTON STATE RES FDN [US]	H01M8/10; B01J21/06; B01J23/10; B01J23/28; B01J23/46; B01J23/54; B01J23/63; B01J23/652; B01J23/88; B01J23/888; H01M4/02	CATALYST MATERIALS AND METHODS FOR REFORMING HYDROCARBON FUELS
WO2011014953 A1 20110210	US20090461340 20090807	UNIV WESTERN ONTARIO [CA]; KARAMANEV DIMITRE GUEORGUIEV [CA]; PUPKEVICH VICTOR R [CA]; HOJJATI HOSSEIN [CA]	H01M8/16; C12M1/00; C12M1/04; C12P3/00; H01M2/16	BIO-FUEL CELL SYSTEM
JP2011040207 A 20110224	JP20090184722 20090807	UNIV YAMANASHI [JP]	H01M4/88; B01J23/42; H01M4/86; H01M4/90; H01M4/92	METHOD FOR MANUFACTURING ACTIVE METAL HIGH DISPERSION ELECTRODE CATALYST

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011065471 A1 20110603	JP20090270275 20091127; JP20100073613 20100326	UNIV YAMANASHI [JP]; WATANABE MASAHIRO [JP]; KAKINUMA KATSUYOSHI [JP]; UCHIDA MAKOTO [JP]; KAMINO TAKEO [JP]; UCHIDA HIROYUKI [JP]	H01M4/86; B01J23/644; B01J35/10; B01J37/08	OXIDE-BASED STABLE HIGH-POTENTIAL CARRIER FOR SOLID POLYMER FUEL CELL
KR20110072867 A 20110629	KR20090129968 20091223	UNIV YONSEI IACF [KR]	H01M8/10; C08F259/00; C08F283/00	PREPARATION METHOD OF PROTON CONDUCTIVE HALOGEN CONTAINING GRAFT COPOLYMER ELECTROLYTE MEMBRANE
KR20110059130 A 20110602	KR20090115766 20091127	UNIV YONSEI IACF [KR]	H01B1/04; H01M8/02	COMPOSITE COMPOSITION AND BIPOLAR PLATE FOR FUEL CELL USING THE SAME
KR20110057938 A 20110601	KR20090114571 20091125	UNIV YONSEI IACF [KR]	H01M8/10; C01F1/00; C01F11/00; C01F17/00	SOFC MANUFACTURED BY THE TAPE CASTING-COFIRING METHOD
KR20110057932 A 20110601	KR20090114562 20091125	UNIV YONSEI IACF [KR]	H01M8/02	PLANAR SOFC MANUFACTURED BY THE TAPE CASTING-COFIRING METHOD
CN201812887U U 20110427	CN20102218091U 20100528	UNIVERSITY OF SCIENCE AND TECHNOLOGY BEIJING	H01M8/02; H01M4/86	PORTABLE ANODE FLOW FIELD BOARD FOR DIRECT METHANOL FUEL CELL
US2011008686 A1 20110113	US20100831382 20100707; US20090223767P 20090708	US GOVERNMENT [US]	H01M8/02	PERFORMANCE RECOVERY OF A FUEL CELL

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US2011014525 A1 20110120	US20100889155 20100923; US20050207431 20050819; US20010017202 20011214	UT BATTELLE LLC [US]	H01M8/10; H01M4/86; H01M4/88; H01M4/92; H01M4/96	METALLIZATION OF BACTERIAL CELLULOSE FOR ELECTRICAL AND ELECTRONIC DEVICE MANUFACTURE
US2011076597 A1 20110331	US20100891345 20100927; US20090246702P 20090929	UT BATTELLE LLC [US]	H01M4/74; H01M8/00	WIRE MESH CURRENT COLLECTOR, SOLID STATE ELECTROCHEMICAL DEVICES INCLUDING THE SAME, AND METHODS OF MAKING THE SAME
KR20110016432 A 20110217	KR20107020832 20080522	UTC POWER CORP [US]	H01M8/06; C02F11/04; F04F5/00; H01M8/04	HYDRODESULFURIZER RECYCLE APPLIED UPSTREAM OF PROCESSOR FEEDSTOCK PRESSURIZATION
KR20110038174 A 20110413	KR20117005198 20080919	UTC POWER CORP [US]	H01M4/96; B01J21/02; B01J21/18; H01M8/02	FUEL CELL CATALYST SUPPORT WITH BORON CARBIDE-COATED METAL OXIDES/PHOSPHATES AND METHOD OF MANUFACTURING SAME
KR20110066941 A 20110617	KR20117008877 20081003	UTC POWER CORP [US]	H01M8/04; B60L11/18; G05D7/00; H01M8/10	LOW POWER CONTROL OF FUEL CELL OPEN CIRCUIT VOLTAGE
KR20110065510 A 20110615	KR20117007869 20081022	UTC POWER CORP [US]	H01M8/12; C09K3/10; H01M8/02; H01M8/04	FUEL CELL SEAL
KR20110066138 A 20110616	KR20117005199 20081006	UTC POWER CORP [US]	H01M8/04; G01N27/02; G01R31/36	VOLTAGE-BASED FLUID SENSOR FOR A FUEL CELL STACK ASSEMBLY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011043760 A1 20110414	WO2009US05562 20091008	UTC POWER CORP [US]; BADRINARAYANAN PARAVASTU [US]; DARLING ROBERT M [US]; O'NEILL JONATHAN D [US]	H01M8/02; H01M8/10	REDUCED THERMAL CONDUCTIVITY IN PEM FUEL CELL GAS DIFFUSION LAYERS
WO2011008189 A1 20110120	WO2009US04104 20090716	UTC POWER CORP [US]; DARLING ROBERT M [US]	H01M8/04	VARIABLE AIR UTILIZATION INCREASES FUEL CELL MEMBRANE DURABILITY
WO2011025469 A1 20110303	WO2009US04892 20090828	UTC POWER CORP [US]; DARLING ROBERT M [US]; BADRINARAYANAN PARAVASTU [US]; REISER CARL A [US]	H01M8/04; H01M8/10; H01M8/24	MITIGATING ELECTRODE EROSION IN HIGH TEMPERATURE PEM FUEL CELL
WO2011034546 A1 20110324	WO2009US57646 20090921	UTC POWER CORP [US]; HOLOWCZAK JOHN E [US]; TULYANI SONIA [US]; SUN ELLLEN Y [US]; YAMANIS JEAN [US]	H01M8/02; C03C3/068; C03C3/089; C03C3/093; H01M8/12	SEAL ASSEMBLY AND METHOD FOR SELF-HEALING GLASS SEAL
WO2011031255 A1 20110317	WO2009US56291 20090909	UTC POWER CORP [US]; KAMAT MITHUN [US]; VAN DINE LESLIE L [US]; ISOM JOSHUA D [US]; RAMASWAMY SITARAM [US]	H01M8/04; H01M8/24	PHOSPHORIC ACID FUEL CELL WITH INTEGRATED ABSORPTION CYCLE REFRIGERATION SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
WO2011059417 A1 20110519	WO2009US06037 20091110	UTC POWER CORP [US]; LACY BENJAMIN P [US]	H01M8/04; B01F5/04	PRESSURIZED PREMIXING OF GASES IN AN INJECTOR
WO2011056180 A1 20110512	WO2009US63701 20091109	UTC POWER CORP [US]; LOVE ROBERT A [US]; LAKE JEFFREY G [US]	H01M8/02; H01M8/10	FUEL CELL SEALING CONFIGURATION
WO2011037553 A1 20110331	WO2009US05297 20090924	UTC POWER CORP [US]; NARASIMHAMURTHY PRAVEEN [US]	H01M8/04; H01M8/24	PRESSURE-BASED LIQUID LEVEL DETECTION AND CONTROL FOR A FUEL CELL STACK ASSEMBLY
WO2011071466 A1 20110616	WO2009US06451 20091208	UTC POWER CORP [US]; WILSON MATTHEW P [US]; CARNEVALE CHRISTOPHER JOHN [US]; LAKE JEFFREY G [US]; HARRINGTON MICHAEL D [US]	H01M8/04; H01M8/02	FUEL CELL FUEL RECYCLE EJECTORS DISPOSED IN FUEL MANIFOLD
DE102010053263 A1 20110616	AT20090001984 20091215	VAILLANT GMBH [DE]	F23D14/62; H01M8/06	DEVICE FOR MIXING HOT FLOWS
AT508488 A1 20110115	AT20090001094 20090713	VAILLANT GROUP AUSTRIA GMBH [AT]	H01M8/06; B01J23/40	NACHBRENNER FÜR ERDGASBASIERTE BRENNSTOFFZELLENHEIZGERÄTE
AT508743 A1 20110315	AT20090001321 20090821	VAILLANT GROUP AUSTRIA GMBH [AT]	H01M8/04; B01F5/04; B01J4/00; H01M8/06	VORRICHTUNG ZUM MISCHEN VON GASSTRÖMEN

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WO2011039421 A1 20110407	FI20090006010 20091002	VALTION TEKNILLINEN [FI]; IHONEN JARI [FI]	H01M8/04; B60L11/18; H01M8/06	METHOD AND SYSTEM FOR MAINTAINING PURITY OF ANODE OR CATHODE GAS IN A FUEL CELL
EP2301790 A2 20110330	EP20010973549 20010925; US20000679408 20001004	VECTRIX INTERNAT LTD [CN]; PARKER HANNIFIN CORP [US]	B60L11/18; B62J9/00; B60L11/12; B62J11/00; B62J99/00; B62M7/00; H01M8/00; H01M10/46; H02J7/00	ELECTRIC SCOOTER WITH ON-BOARD CHARGING SYSTEM
US2011086289 A1 20110414	US20090922102 20090313; US20080036244P 20080313; WO2009IB05448 20090313	VENKATARAMAN THANGADURAI [CA]	H01M8/10; C09K3/00; H01B1/02	PEROVSKITE-LIKE STRUCTURES
US2011111319 A1 20110512	US201113006562 20110114; US20040516596 20040715; WO2004CA01044 20040715; US20030504413 20030718	VERSA POWER SYSTEMS LTD [CA]	H01M8/24	ELECTRICALLY CONDUCTIVE FUEL CELL CONTACT MATERIAL
US2011111310 A1 20110512	US201113006526 20110114; US20050907767 20050414; US20040521391P 20040415	VERSA POWER SYSTEMS LTD [CA]	H01M8/06; H01M8/04	FUEL CELL SHUTDOWN WITH STEAM PURGING
AT509385T T 20110515	EP20010108230 20010331	VISSMANN WERKE KG [DE]	H01M8/06	COMBINED HEAT AND POWER APPARATUS WITH GAS PRODUCING SYSTEM AND FUEL CELLS AND METHOD OF OPERATION

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
DE102009028308 A1 20110210	DE200910028308 20090806	VOLKSWAGEN AG [DE]	H01M8/02	MEMBRANE ELECTRODE UNIT, USEFUL IN FUEL CELL, COMPRISES A POLYMER ELECTROLYTE MEMBRANE MADE OF A POLYMER, TWO ELECTRODES SANDWICHING POLYMER ELECTROLYTE MEMBRANE, AN ELECTROLYTE WETTING POLYMER ELECTROLYTE MEMBRANE AND SILICATE DERIVATIVE
DE102009057797 A1 20110616	DE200910057797 20091210	VOLKSWAGEN AG [DE]	H01M8/02	VERFAHREN ZUR HERSTELLUNG EINES KATALYTISCHEN MATERIALS FÜR ELEKTRODEN EINER BRENNSTOFFZELLE
WO2011020872 A1 20110224	DE200910028758 20090820	VOLKSWAGEN AG [DE]; SCHEFFLER ROUVEN [DE]; HERRMANN MIRKO [DE]; MAEHR ULRICH [DE]	H01M8/10	LONG-TERM STABLE POLYMER ELECTROLYTE MEMBRANE FOR HT FUEL CELLS AND METHOD FOR THE PRODUCTION THEREOF
US2011053021 A1 20110303	US20100885455 20100918; WO2004SE01142 20040719; US20070572325 20070119; WO2005EP07861 20050719	VOLVO AB [SE]	H01M8/06; B01J8/00; C01B3/38; C01B3/58; C01B5/00	METHOD AND ARRANGEMENT FOR REFORMING FUEL
FI121649B B1 20110228	FI20090005793 20090715	WAERTSILAE FINLAND OY [FI]	B01B1/00; F22B1/00; F22B33/00; F22B35/00; H01M8/00	METHOD AND ARRANGEMENT FOR THE VAPORIZATION OF LIQUID
FI20095776 A 20110109	FI20090005776 20090708	WAERTSILAE FINLAND OY [FI]	H01M8/04; H01M8/24	METHOD AND ARRANGEMENT FOR IMPROVED CONTROLLABILITY OF PARALLEL COUPLED FUEL CELLS

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FI20095775 A 20110109	FI20090005775 20090708	WAERTSILAE FINLAND OY [FI]	H01M8/04; H01M8/24	METHOD AND ARRANGEMENT FOR IMPROVED CONTROLLABILITY OF FUEL CELL STACKS
FI20096128 A 20110501	FI20090006128 20091030	WAERTSILAE FINLAND OY [FI]	H01M8/04; F04F5/00	METHOD AND ARRANGEMENT FOR CONTROLLING ANODE RECIRCULATION
CN101938003 A 20110105	CN20101272356 20100903	WANG JIZHONG	H01M8/06; C01B3/34; H01M8/04	HYDROGEN PRODUCTION DEVICE AND CONTROL SYSTEM OF HIGH MOLECULAR HYDROGEN FUEL CELL
US2011136045 A1 20110609	US20100968250 20101214; US20040548979 20040318; WO2004US08685 20040318; US20030455905P 20030318	WENDE TREVOR [US]	H01M4/66; C22C45/00; C22C45/02; C22C45/04; C22C45/06; C22C45/08; C22C45/10; H01M2/14; H01M2/16; H01M2/18; H01M4/64; H01M8/02; H01M10/18	CURRENT COLLECTOR PLATES OF BULK-SOLIDIFYING AMORPHOUS ALLOYS
US2011133136 A1 20110609	US201113007773 20110117; DE200410010892 20040306; WO2005EP00809 20050127; US20050591714 20050303; WO2005EP02255 20050303	WEPPNER WERNER [DE]; THANGADURAI VENKATARAMAN [DE]	H01B1/02; C01G33/00; C01G35/00; H01B1/00; H01G9/02; H01G9/038; H01M6/18; H01M8/12; H01M10/36	CHEMICALLY STABLE SOLID LITHIUM ION CONDUCTOR
AT494641T T 20110115	US20030687232 20031016; WO2003IB04988 20031106	WISTRON CORP [TW]	H01M8/10; H01M8/02; H01M8/24	FUEL CELLS FOR USE IN PORTABLE DEVICES



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KR20110007487 A 20110124	KR20090065034 20090716	WOONGJIN CHEMICAL CO LTD [KR]	H01M8/10; C08J5/22	PROTON CONDUCTIVE BRANCHED TYPE POLYMER ELECTROLYTE MEMBRANE USING LIQUID POLYCHLOROTRIFLUOROETHYLENE AND MANUFACTURING METHOD THEREOF
KR20110029570 A 20110323	KR20090087308 20090916	WOOSUK UNIVERSITY [KR]	H01M4/90; B01J23/44; B01J37/16; H01M8/10	ELECTROCATALYST MATERIAL, DIRECT METHANOL FUEL CELL USING THE SAME AND MANUFACTURING METHOD OF THE SAME
CN101944618 A 20110112	CN20101299498 20101008	WUHAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	H01M4/86; H01M8/02	TREE-STRUCTURED FLOW FIELD PROTON EXCHANGE MEMBRANE FUEL CELL BIPOLAR PLATE
CN101937997 A 20110105	CN20101288866 20100921	WUHAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	H01M4/86; H01M8/10; H01M8/24	METALLIC BIPOLAR PLATE OF PROTON EXCHANGE MEMBRANE FUEL CELL AND SINGLE CELL AND ELECTRIC STACK FORMED BY SAME
CN201789030U U 20110406	CN20102287650U 20100802	WUXI CHENGXIN CARBON MATERIAL TECHNOLOGY CO., LTD.	H01M8/06	ZERO EMISSION HYDROGEN MANUFACTURING, POWER GENERATING AND CARBON PRODUCING DEVICE
CN101971748 A 20110216	CN20101507329 20101015	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D69/02; A01D34/68; C25B1/04; F03D9/00; H01M8/06	POWER DEVICE APPLYING WIND- HYDROGEN NEW ENERGY RESOURCE TO GARDENING MOWER
CN101971728 A 20110216	CN20101507258 20101015	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01C7/08; C25B1/04; F03D9/00; H01M8/06	POWER DEVICE FOR APPLYING WIND- HYDROGEN NEW ENERGY TO PADDY PLANTER

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101971739 A 20110216	CN20101506074 20100926	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D45/02; A01D43/063; A01F11/06; A23B9/08; C25B1/04; F03D9/00; H01M8/06	CORN HARVESTER USING WIND HYDROGEN NEW ENERGY RESOURCE AS POWER DEVICE
CN101971746 A 20110216	CN20101505802 20101001	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D69/02; A01D34/68; C25B1/04; H01M8/06	MOTIVE POWER DEVICE FOR APPLYING NEW HYDROGEN FUEL BATTERY ENERGY SOURCES TO GARDENING GRASS CUTTER
CN101971738 A 20110216	CN20101502026 20100924	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D45/02; A01D43/063; A01D69/02; A01F11/06; A23B9/08; C25B1/04; H01M8/06; H02J7/00	CORN HARVESTER BY USING SOLAR HYDROGEN NEW ENERGY AS POWER DEVICE
CN101971737 A 20110216	CN20101501994 20100923	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D45/02; A01D43/063; A01D69/02; A01F11/06; A23B9/08; C25B1/04; H01M8/06	POWER DEVICE APPLYING HYDROGEN FUEL CELL NEW ENERGY TO CORN HARVESTER
CN101971743 A 20110216	CN20101286815 20100915	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D46/10; A01D46/14; C25B1/04; F03D9/00; H01M8/06	POWER DEVICE APPLYING WIND-HYDROGEN NEW ENERGY ON COTTON PICKING MACHINE
CN101971741 A 20110216	CN20101286550 20100913	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D46/10; A01D46/14; C25B1/04; H01M8/06; H02J7/00	POWER PLANT FOR APPLYING NEW ENERGY OF SOLAR HYDROGEN TO COTTON PICKER
CN101971734 A 20110216	CN20101274725 20100828	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D41/02; A01D69/02; C25B1/04; F03D9/00; H01M8/06	HARVESTER USING NEW WIND-HYDROGEN ENERGY SOURCE AS POWER DEVICE

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101971733 A 20110216	CN20101268496 20100826	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	A01D41/02; A01D69/02; H01M8/22	HARVESTER BY TAKING NOVEL SUN HYDROGEN ENERGY AS POWER DEVICE
CN102009018 A 20110413	CN20101578344 20101205	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	B05B9/04; H01L31/042; H01M8/06	POWER SUPPLY DEVICE FOR APPLYING WIND AND HYDROGEN NEW ENERGY TECHNOLOGY TO WATER-SAVING SPRAY IRRIGATION SYSTEM
CN102009017 A 20110413	CN20101576119 20101202	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO., LTD.	B05B9/04; H01L31/042; H01M8/06	POWER SUPPLY DEVICE EMPLOYING SOLAR HYDROGEN NEW ENERGY TECHNOLOGY IN WATER-SAVING SPRINKLING IRRIGATION SYSTEM
KR20110007350 A 20110124	KR20090064838 20090716	XFC INC [KR]	H01M8/10; H01M4/90	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL AND LOW-HUMIDIFIED MEA
KR20110014455 A 20110211	KR20090072128 20090805	XFC INC [KR]; SNU R&DB FOUNDATION [KR]	H01M8/04; H01M8/24	FUEL CELL STACK WITH INTERNAL MEMBRANE HUMIDIFIER
CN101989660 A 20110323	CN20091055810 20090803	XIA JIAQI	H01M8/04; H01M2/12; H01M8/18; H01M10/36	EXHAUST SYSTEM FOR CLOSED ELECTROLYTE STORAGE TANK OF VANADIUM ION REDOX FLOW BATTERY
CN101973566 A 20110216	CN20101228877 20100716	XI'AN THERMAL POWER RESEARCH INSTITUTE CO., LTD.	C01F7/04; H01M2/16; H01M8/02	METHOD FOR PREPARING SUB-MICRON GAMMA-LIALO <sub>2</sub> POWDER FROM NANO HYDRATED ALUMINA
US2011039177 A1 20110217	US20100910939 20101025; JP20060092740 20060330; US20060527480 20060927	YAMAGA KENJI [JP]; SASAKI HIRONORI [JP]	H01M8/04	FUEL CELL SYSTEM

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
AT492041T T 20110115	JP20060208953 20060731	YAMAHA MOTOR CO LTD [JP]	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2011096554 A 20110512	JP20090250482 20091030	YAMAHA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM AND TRANSPORTATION APPARATUS HAVING THE SAME
JP2011096553 A 20110512	JP20090250470 20091030	YAMAHA MOTOR CO LTD [JP]	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM AND TRANSPORTATION APPARATUS HAVING THE SAME
US2011081593 A1 20110407	JP20090232996 20091007	YAMAURA KUNIHIRO [JP]	H01M8/04; H01M8/24	FUEL CELL
US2011076588 A1 20110331	JP20090223642 20090929	YAMAURA KUNIHIRO [JP]	H01M8/24	FUEL CELL
DE202010016036U U1 20110331	US20090627181 20091130	YANG TAI HER [TW]	H01M2/20; H01M8/02	VON ELEKTRODENPLATTE KLEMMBARER HILFSLEITER FÜR STROMSPEICHER- / STROMVERSORGUNGSVORRICHTUNG
JP2011029085 A 20110210	JP20090175668 20090728	YOKOGAWA ELECTRIC CORP	H01M8/04	EVALUATION METHOD AND EVALUATION DEVICE OF FUEL CELL
JP2011017562 A 20110127	JP20090161032 20090707	YOKOGAWA ELECTRIC CORP	G01N27/48; H01M8/04	METHOD AND DEVICE FOR EVALUATION USING CYCLIC VOLTAMMETRY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
JP2011069765 A 20110407	JP20090222280 20090928	YOKOGAWA ELECTRIC CORP	G01N27/48; G01N27/416	ACTIVE SURFACE AREA CALCULATION METHOD AND CALCULATION DEVICE
JP2011102756 A 20110526	JP20090257871 20091111	YOKOGAWA ELECTRIC CORP	G01N27/02; H01M10/48	IMPEDANCE MEASURING METHOD AND IMPEDANCE MEASURING DEVICE
JP2011096387 A 20110512	JP20090246440 20091027	YOKOGAWA ELECTRIC CORP	H01M8/04; G01N27/416; H01M4/86	PERFORMANCE EVALUATION METHOD OF ELECTRODE, AND PERFORMANCE EVALUATION DEVICE OF ELECTRODE
JP2011014312 A 20110120	JP20090156079 20090630	YOKOHAMA RUBBER CO LTD	H01M8/04; B32B1/08; B32B27/30; B32B27/32; B32B27/34; F16L11/06; H01M8/24	RESIN PIPE FOR FUEL CELL, AND METHOD OF MANUFACTURING THE SAME
US2011117475 A1 20110519	KR20090110771 20091117	YOON DUK-HYOUNG [KR]; KONG SANG-JUN [KR]; KWON TAE-HO [KR]	H01M8/10	ANODE SUPPORTED SOLID OXIDE FUEL CELL
CN102013506 A 20110413	CN20101519097 20101026	YU DONGFENG	H01M8/10; H01M4/86	NOVEL DUAL-CORE FUEL CELL
US2011129746 A1 20110602	US20090628217 20091201	YU DUNG-DI [TW]; CHENG YUNG-NENG [TW]; LEE RUEY-YI [TW]	H01M8/18	THERMAL MANAGEMENT SYSTEM FOR HIGH-TEMPERATURE FUEL CELL
US2011129744 A1 20110602	US20090628218 20091201	YU DUNG-DI [TW]; CHENG YUNG-NENG [TW]; LEE RUEY-YI [TW]	H01M8/18	THERMAL MANAGEMENT SYSTEM FOR HIGH-TEMPERATURE FUEL CELL

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN201699084U U 20110105	CN20102228913U 20100618	YU QINGLIN; JI ZHONGHUA	H01M8/24	NOVEL FUEL CELL STACK TOOL CLAMPING APPARATUS
CN102005593 A 20110406	CN20101203053 20100618	YU QINGLIN; JI ZHONGHUA	H01M8/24; H01M8/04	NOVEL SYSTEM-INTEGRATION TYPE MODULAR FUEL CELL SYSTEM
US2011127161 A1 20110602	US201113023157 20110208; TW20060115639 20060502; US20060616819 20061227	YUAN ZE UNIVERSITY [TW]	H01M8/10; C25B13/08	NOVEL PROTON EXCHANGE COMPOSITE MEMBRANE WITH LOW RESISTANCE AND PREPARATION THEREOF
US2011045372 A1 20110224	US20090543718 20090819	ZAFRED PAOLO R [US]; GILLET JAMES E [US]	H01M8/10; H01M2/08	FUEL CELL INTEGRAL BUNDLE ASSEMBLY INCLUDING CERAMIC OPEN END SEAL AND VERTICAL AND HORIZONTAL THERMAL EXPANSION CONTROL
DE102009051434 A1 20110505	DE200910051434 20091030	ZENTRUM FUER BRENNSTOFFZELLEN TECHNIK GMBH [DE]	C08K3/04; B29C43/24; B29C47/00; B29C70/58; C08K7/00; C08K7/06; H01M8/02	MOLDED BODY MADE OF HIGHLY CONDUCTIVE MOLDING MASS THAT CONTAINS A PLASTIC AND A FILLER INCORPORATED INTO THE PLASTIC, USEFUL AS SEALING INCLUDING RING, BRACELET AND RUBBER GASKET, AS BIPOLAR PLATE FOR AN ELECTROCHEMICAL CELL, AND AS PIPE
CN101997128 A 20110330	CN20101268685 20100901	ZHANG AIMIN	H01M8/04	METHOD AND DEVICE FOR CONTROLLING REDOX FLOW OF VANADIUM BATTERY

<b>Número do Documento</b>	<b>Prioridade (s)</b>	<b>Depositante</b>	<b>Classificação Internacional de Patentes</b>	<b>Título</b>
CN101941835 A 20110112	CN20101286061 20100915	ZHANG BINGQING;ZHANG YIJING	C04B35/10; C04B35/622; H01M8/10	PREPARATION METHOD OF BA ION DOPED NA-BETA'-AL <sub>2</sub> O <sub>3</sub> SOLID ELECTROLYTE AND SOLID ELECTROLYTE PREPARED BY USING SAME

## 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

CN102044648	CN102100144	CN201859914U	JP2011048957
CN102044677	CN102101021	CN201868510U	JP2011048970
CN102044678	CN102101648	CN201868511U	JP2011048980
CN102044679	CN102104151	CN201868512U	JP2011048989
CN102044682	CN102104152	CN201868513U	JP2011049020
CN102044683	CN102104155	CN201872150U	JP2011049021
CN102044684	CN102104158	CN201877512U	JP2011049038
CN102044685	CN102104159	CN201877513U	JP2011049040
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JP2011129380	JP4695079B2
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