

### Noticias

La Oficina Española de Patentes y Marcas (OEPM) estará presente en la Feria de las Energías EGÉTICA-EXPOENERGÉTICA, que se celebrará en Valencia entre el 29 de febrero y el 2 de marzo. La Feria presentará nuevas soluciones tecnológicas en energías renovables y convencionales. Entre los expositores, destaca la presencia de empresas relacionadas con las infraestructuras de carga de los vehículos eléctricos, como pueden ser ACCIONA, ENDESA, GAS NATURAL FENOSA e IBERDROLA.

Recientemente se han celebrado los Salones Automovilísticos de Tokio, Detroit y Bruselas, donde de nuevo el vehículo eléctrico ha gozado de un protagonismo destacado.

En el Salón de Tokio, celebrado entre el 2 y el 11 de diciembre de 2011, se presentaron modelos eléctricos como el Honda EV-Ster y el Toyota FT EV III y modelos híbridos enchufables, como el Mitsubishi PX-MiEV II.

El rediseño del VW Escarabajo, plasmado

en el prototipo VW E-Bugster, fue la principal novedad eléctrica del Salón de Detroit, celebrado entre el 9 y el 22 de enero.

El Salón de Bruselas, celebrado entre el 12 y el 20 de enero de 2012, contó con una pista de pruebas, donde el público pudo probar vehículos eléctricos como el Mitsubishi i-Miev, Opel Ampera, Volvo C30, Nissan Leaf, VW Golf, Citroën C-Zero, Ford Mondeo, Renault Twizy, Renault Fluence, BMW ActiveE, SMART, Mercedes Benz Clase A, Peugeot iOn o el Chevrolet Volt.

Por último, mencionar que el pasado 24 de enero, se presentó en Bruselas el vehículo eléctrico HIRIKO, fruto de una iniciativa promovida por AFYPAIDA y que cuenta con la colaboración de DENOKINN y el grupo CHANGING PLACES del MIT (Massachusetts Institute of Technology). El HIRIKO se basa en el CityCar del MIT, y se trata de un vehículo eléctrico plegable para dos ocupantes. Según Durao Barroso, presidente de la Comisión Europea, proyectos como el coche eléctrico HIRIKO son parte de la respuesta a la crisis.

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- **TECNOLOGÍAS VEHICULARES**
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## Solicitudes de Patente Publicadas

Los datos que aparecen en la tabla corresponden a una selección de las solicitudes de patentes publicadas durante el trimestre. Se puede acceder al documento completo haciendo doble clic sobre el mismo.

### BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO2011155724 A2</a>	LG CHEMICAL LTD [KR]	BATTERY MODULE AND METHODS FOR JOINING A CELL TERMINAL OF A BATTERY TO AN INTERCONNECTION MEMBER
<a href="#">WO2011154193 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	BATTERY WITH TEMPERATURE DETECTION, AND USE OF A BATTERY SUCH AS THIS
<a href="#">WO2011153419 A2</a>	MIDTRONICS INC [US], BERTNESS KEVIN I [US]	BATTERY PACK MAINTENANCE FOR ELECTRIC VEHICLE
<a href="#">WO2011153330 A1</a>	UNIV FLORIDA STATE RES FOUND [US], ZHENG JIAN-PING [US]	HIGH ENERGY DENSITY ELECTROCHEMICAL CAPACITORS
<a href="#">WO2011152668 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY MODULE HAVING NOVEL STRUCTURE
<a href="#">WO2011152534 A1</a>	UBE INDUSTRIES [JP] et al.	NONAQUEOUS ELECTROLYTE SOLUTION AND ELECTROCHEMICAL ELEMENT USING SAME
<a href="#">WO2011152426 A1</a>	JX NIPPON OIL & ENERGY CORP [JP] et al.	COKING COAL COMPOUND FOR ANODE MATERIAL OF LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011152416 A1</a>	YAZAKI CORP [JP] et al.	BRAIDED SHIELD MEMBER, METHOD OF MANUFACTURING BRAIDED SHIELD MEMBER, AND WIRE HARNESS
<a href="#">WO2011152263 A1</a>	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE FOR SECONDARY BATTERY, AND PROCESS FOR PRODUCTION THEREOF
<a href="#">WO2011152219 A1</a>	NISSAN MOTOR [JP] et al.	THIN BATTERY
<a href="#">WO2011152130 A1</a>	NISSAN MOTOR [JP], SERA MANABU	INFORMATION PROVIDING APPARATUS FOR VEHICLE, AND METHOD THEREFOR
<a href="#">WO2011151918 A1</a>	TOYOTA MOTOR CO LTD [JP], TANABE YUKINARI [JP]	SECONDARY BATTERY, SECONDARY BATTERY TEST DEVICE AND METHOD, AND BATTERY TEST SYSTEM
<a href="#">WO2011151865 A1</a>	TOYOTA MOTOR CO LTD [JP], WATANABE HIROTAKE [JP]	PLUG APPARATUS
<a href="#">WO2011151198 A2</a>	SCHAEFFLER TECHNOLOGIES GMBH [DE] et al.	CONNECTING STRUCTURE OF THE ELECTRICAL TERMINALS FOR CONNECTING INDIVIDUAL CELLS OF A BATTERY MODULE IN SERIES WITH ONE ANOTHER
<a href="#">WO2011151011 A1</a>	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR OPERATING A VEHICLE WITH INTERNAL COMBUSTION ENGINE AND GENERATOR
<a href="#">WO2011149404 A1</a>	SCANIA CV AB [SE], KOLASA MAGNUS [SE]	COOLING AND WARMING SYSTEM
<a href="#">WO2011149234 A2</a>	KOKAM CO LTD [KR] et al.	BATTERY PACK AND ASSEMBLY FOR AN ELECTRIC VEHICLE, AND A TEMPERATURE CONTROL SYSTEM USING THE SAME
<a href="#">WO2011149072 A1</a>	ASAHI GLASS CO LTD [JP] et al.	NONAQUEOUS ELECTROLYTE SOLUTION FOR SECONDARY BATTERY, AND SECONDARY BATTERY
<a href="#">WO2011148919 A1</a>	SUZUKI MOTOR CORP [JP], HARA NOBUHIKO	CHARGING CONNECTOR
<a href="#">WO2011148752 A1</a>	SUZUKI MOTOR CORP [JP], BITO SEIJI [JP]	CONTROL APPARATUS FOR PARALLEL BATTERY CONNECTION CIRCUIT

<a href="#">WO2011148531 A1</a>	MITSUBISHI ELECTRIC CORP [JP], TSUDA YOSHIAKI [JP]	POWER INFORMATION MANAGEMENT APPARATUS, POWER INFORMATION MANAGEMENT SYSTEM, AND POWER INFORMATION MANAGEMENT METHOD
<a href="#">WO2011147614 A1</a>	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE] et al.	METHOD FOR OPERATING A DRIVE TRAIN
<a href="#">WO2011147550 A1</a>	LI TEC BATTERY GMBH [DE], ZAHN CHRISTIAN [DE]	COOLING ELEMENT, METHOD FOR PRODUCING SAME, AND ELECTROCHEMICAL ENERGY STORAGE DEVICE COMPRISING A COOLING ELEMENT
<a href="#">WO2011146838 A2</a>	DU PONT [US], THOMPSON JEFFREY SCOTT [US]	PROCESS FOR MAKING TITANIUM COMPOUNDS
<a href="#">WO2011145831 A2</a>	LG CHEMICAL LTD [KR] et al.	COOLING MEMBER HAVING A NOVEL STRUCTURE, AND BATTERY MODULE INCLUDING SAME
<a href="#">WO2011145830 A2</a>	LG CHEMICAL LTD [KR] et al.	COMPACT COOLING MEMBER HAVING SUPERIOR STABILITY, AND BATTERY MODULE COMPRISING SAME
<a href="#">WO2011145609 A1</a>	NISSAN MOTOR [JP] et al.	BIPOLAR SECONDARY BATTERY
<a href="#">WO2011145608 A1</a>	NISSAN MOTOR [JP] et al.	BIPOLAR SECONDARY BATTERY
<a href="#">WO2011145546 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRICALLY DRIVEN VEHICLE AND CONTROL METHOD FOR SAME
<a href="#">WO2011145380 A1</a>	SUZUKI MOTOR CORP [JP], MINAMI HIROMASA [JP]	VEHICLE BATTERY COOLING SYSTEM
<a href="#">WO2011145263 A1</a>	PANASONIC CORP [JP] et al.	SEALED BATTERY
<a href="#">WO2011145255 A1</a>	ELECTRIC VEHICLE TECHNOLOGY DEV CO LTD [JP], KOIKE TETSUO [JP]	BATTERY CONTROL DEVICE AND VEHICLE
<a href="#">WO2011145251 A1</a>	PANASONIC CORP [JP] et al.	NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011145213 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	DIAGNOSIS DEVICE AND DIAGNOSIS METHOD FOR SECONDARY BATTERY, AND VEHICLE
<a href="#">WO2011145177 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR EVALUATING NEGATIVE ACTIVE MATERIAL, AND NEGATIVE ACTIVE MATERIAL
<a href="#">WO2011145161 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	VALUE CALCULATION DEVICE AND VALUE CALCULATION METHOD FOR SECONDARY BATTERY
<a href="#">WO2011144300 A1</a>	ZSW [DE] et al.	SYSTEM AND METHOD FOR SAFELY DISCHARGING AN ENERGY STORE
<a href="#">WO2011144291 A1</a>	AUDI NSU AUTO UNION AG [DE], UNGERMANN JOCHEN [DE]	DEVICE FOR PERFORMING ENERGY MANAGEMENT IN AN ELECTRIC VEHICLE
<a href="#">WO2011142777 A1</a>	PDB POWER SYSTEMS LLC [US] et al.	CYCLOOCTATETRAENE-BASED CATHODE FOR ELECTROCHEMICAL CELLS
<a href="#">WO2011142575 A2</a>	ROUTE JJ CO LTD [KR] et al.	ANODE ACTIVE MATERIAL FOR A LITHIUM SECONDARY BATTERY, METHOD FOR PREPARING SAME, AND LITHIUM SECONDARY BATTERY INCLUDING SAME
<a href="#">WO2011142330 A1</a>	SANYO ELECTRIC CO [JP] et al.	ELECTRIC POWER SUPPLY SYSTEM
<a href="#">WO2011142304 A1</a>	SUZUKI MOTOR CORP [JP], MISHIMA JUN	DEVICE FOR COOLING VEHICLE BATTERY
<a href="#">WO2011142096 A1</a>	NIPPON SHEET GLASS CO LTD [JP] et al.	SEPARATOR FOR A SEALED LEAD-ACID BATTERY, AND SEALED LEAD-ACID BATTERY
<a href="#">WO2011141127 A1</a>	BAYERISCHE MOTOREN WERKE AG [DE] et al.	ENERGY STORAGE MODULE COMPRISING SEVERAL PRISMATIC STORAGE CELLS AND METHOD FOR PRODUCING AN ENERGY STORAGE MODULE

<a href="#">WO2011140327 A2</a>	MASSACHUSETTS INST TECHNOLOGY [US] et al.	LITHIUM MANGANESE BORATE COMPOUNDS
<a href="#">WO2011139543 A2</a>	BATTELLE MEMORIAL INSTITUTE [US] et al.	NANOCOMPOSITE PROTECTIVE COATINGS FOR BATTERY ANODES
<a href="#">WO2011138381 A2</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	BALANCING SYSTEM FOR POWER BATTERY AND CORRESPONDING LOAD BALANCING METHOD
<a href="#">WO2011137430 A2</a>	MASSACHUSETTS INST TECHNOLOGY [US] et al.	CATALYSTS FOR OXYGEN REDUCTION AND EVOLUTION IN METAL-AIR ELECTROCHEMICAL CELLS
<a href="#">WO2011136550 A2</a>	LG CHEMICAL LTD [KR] et al.	CATHODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY USING SAME
<a href="#">WO2011136226 A1</a>	ASAHI GLASS CO LTD [JP] et al.	NON-AQUEOUS ELECTROLYTE SOLUTION FOR SECONDARY BATTERY, AND SECONDARY BATTERY
<a href="#">WO2011136090 A1</a>	NISSAN MOTOR [JP], TAKAHASHI KUMIKO	FLAT-TYPE BATTERY
<a href="#">WO2011136035 A1</a>	SEMICONDUCTOR ENERGY LAB [JP] et al.	POWER STORAGE DEVICE
<a href="#">WO2011136028 A1</a>	SEMICONDUCTOR ENERGY LAB [JP] et al.	POWER STORAGE DEVICE AND METHOD FOR MANUFACTURING THE SAME
<a href="#">WO2011135954 A1</a>	YAZAKI CORP [JP] et al.	WIRE ROUTING MEMBER AND BATTERY CONNECTOR
<a href="#">WO2011135931 A1</a>	NISSAN MOTOR [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011135906 A1</a>	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY
<a href="#">WO2011135804 A1</a>	NEC CORP [JP] et al.	SECONDARY BATTERY MANAGEMENT SYSTEM, BATTERY SYSTEM, SECONDARY BATTERY MANAGEMENT METHOD, AND SECONDARY BATTERY MANAGEMENT PROGRAM
<a href="#">WO2011135649 A1</a>	TOYOTA MOTOR CO LTD [JP], YAMAMURA HIDEYUKI [JP]	METHOD OF PRODUCING ELECTRODE ACTIVE SUBSTANCE
<a href="#">WO2011135631 A1</a>	PANASONIC CORP [JP] et al.	FULL-CHARGE CAPACITY CORRECTION CIRCUIT, CHARGING SYSTEM, BATTERY PACK, AND FULL-CHARGE CAPACITY CORRECTION METHOD
<a href="#">WO2011135385 A2</a>	GYENES INNOVATIONS LTD [GB] et al.	RECHARGEABLE BATTERY PACKAGES
<a href="#">WO2011135270 A1</a>	PEUGEOT CITROEN AUTOMOBILES SA [FR], TOMIETTO ERIC [FR]	HYBRID VEHICLE COMPRISING A HIGH-VOLTAGE BATTERY INSTALLED UNDER THE FLOOR OF THE VEHICLE, UNIT FORMED BY A TANK AND A HIGH-VOLTAGE BATTERY AND ASSOCIATED REPLACEMENT METHOD
<a href="#">WO2011134829 A1</a>	MICHELIN SOC TECH [FR] et al.	ACCUMULATOR ASSEMBLY FOR A BATTERY OF AN ELECTRIC OR HYBRID VEHICLE, PROVIDED WITH A CONNECTING STRUT
<a href="#">WO2011134828 A1</a>	MICHELIN SOC TECH [FR] et al.	COMPARTMENTED BATTERY BOX FOR AN ELECTRIC OR HYBRID VEHICLE
<a href="#">WO2011134827 A1</a>	MICHELIN SOC TECH [FR] et al.	ELECTRICAL BATTERY BLOCK
<a href="#">WO2011134826 A1</a>	MICHELIN SOC TECH [FR] et al.	BATTERY UNIT FOR AN ELECTRIC OR HYBRID VEHICLE
<a href="#">WO2011134825 A1</a>	MICHELIN SOC TECH [FR] et al.	BATTERY COMPARTMENT PROVIDED WITH AN ELECTRICAL DISCONNECTOR FOR AN ELECTRIC OR HYBRID VEHICLE
<a href="#">WO2011134818 A1</a>	MICHELIN SOC TECH [FR] et al.	ACCUMULATOR ASSEMBLY FOR A BATTERY OF AN ELECTRIC OR HYBRID VEHICLE, PROVIDED WITH A DEFORMABLE CONNECTOR SUPPORT

<a href="#">WO2011134792 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	ENERGY STORAGE CELL
<a href="#">WO2011134613 A1</a>	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	LITHIUM-SULPHUR BATTERY
<a href="#">WO2011133677 A1</a>	AMTEK RES INTERNATIONAL LLC [US] et al.	SUPPRESSING CHEMICAL CHANGES IN A LEAD-ACID BATTERY TO IMPROVE ITS CYCLE LIFE
<a href="#">WO2011132755 A1</a>	YAZAKI CORP [JP] et al.	WIRING MATERIAL
<a href="#">WO2011132717 A1</a>	NOF CORP [JP] et al.	NON-AQUEOUS ELECTROLYTE FOR ELECTRICAL DEVICE AND SECONDARY BATTERY USING SAME
<a href="#">WO2011132627 A1</a>	MURATA MANUFACTURING CO [JP] et al.	ALL-SOLID STATE SECONDARY BATTERY AND PRODUCTION METHOD FOR SAME
<a href="#">WO2011132570 A1</a>	YAZAKI CORP [JP] et al.	CONNECTION STRUCTURE FOR A WIRING MATERIAL
<a href="#">WO2011132369 A1</a>	TOYOTA JIDOSHOKKI KK [JP] et al.	CATHODE ACTIVE MATERIAL FOR LITHIUM-ION SECONDARY BATTERY AND LITHIUM-ION SECONDARY BATTERY
<a href="#">WO2011132268 A1</a>	TOYOTA MOTOR CO LTD [JP], HARADA HIRONORI [JP]	SECONDARY BATTERY DETERIORATION DEGREE COMPUTATION DEVICE, VEHICLE WHEREIN SAME IS INCLUDED, AND SECONDARY BATTERY DETERIORATION DEGREE COMPUTATION METHOD
<a href="#">WO2011131946 A1</a>	ELECTRIC VEHICLE COMPANY LTD, PARR MARK ROBERT	ELECTRIC VEHICLE BATTERY MANAGEMENT SYSTEM
<a href="#">WO2011131209 A1</a>	SIEMENS AG [DE] et al.	DEVICE AND METHOD FOR STORING ELECTRICAL ENERGY
<a href="#">WO2011130571 A1</a>	AEROVIRONMENT INC [US], FLACK ALBERT [US]	PILOT SIGNAL GENERATION CIRCUIT
<a href="#">WO2011130569 A1</a>	AEROVIRONMENT INC [US] et al.	GROUND FAULT INTERRUPT CIRCUIT FOR ELECTRIC VEHICLE
<a href="#">WO2011130433 A1</a>	MICROVAST INC [US] et al.	CONTINUOUS PRISMATIC CELL STACKING SYSTEM AND METHOD
<a href="#">WO2011130127 A1</a>	TROJAN BATTERY CO [US] et al.	POSITIVE ACTIVE MATERIAL FOR A LEAD-ACID BATTERY
<a href="#">WO2011129633 A2</a>	ILJIN MATERIALS CO LTD [KR] et al.	COPPER ELECTROLYSIS SOLUTION FOR PRODUCING ELECTROLYTIC COPPER FOIL, METHOD OF PRODUCING ELECTROLYTIC COPPER FOIL, AND ELECTROLYTIC COPPER FOIL
<a href="#">WO2011129545 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY PACK CASE HAVING NOVEL STRUCTURE
<a href="#">WO2011129419 A1</a>	SUMITOMO CHEMICAL CO [JP] et al.	COMPOSITE METAL OXIDE, POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE, AND SODIUM SECONDARY BATTERY
<a href="#">WO2011129224 A1</a>	NIPPON ELECTRIC GLASS CO [JP] et al.	LITHIUM-ION SECONDARY-BATTERY POSITIVE ELECTRODE MATERIAL AND MANUFACTURING METHOD THEREFOR
<a href="#">WO2011129066 A1</a>	TOYOTA JIDOSHOKKI KK [JP] et al.	LITHIUM-ION SECONDARY BATTERY
<a href="#">WO2011129020 A1</a>	KOBELCO RES INST INC [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL, AND SECONDARY BATTERY, CAPACITOR AND ELECTRICITY STORAGE DEVICE EACH USING THE NEGATIVE ELECTRODE ACTIVE MATERIAL
<a href="#">WO2011128979 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SOLID ELECTROLYTE MATERIAL, LITHIUM BATTERY, AND MANUFACTURING METHOD FOR SOLID ELECTROLYTE MATERIAL
<a href="#">WO2011128978 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SOLID ELECTROLYTE MATERIAL, LITHIUM BATTERY, AND MANUFACTURING METHOD FOR SOLID ELECTROLYTE MATERIAL
<a href="#">WO2011128976 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SOLID ELECTROLYTE MATERIAL, LITHIUM BATTERY, AND MANUFACTURING METHOD FOR SOLID ELECTROLYTE MATERIAL



<a href="#">WO2011128949 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRIC STORAGE DEVICE
<a href="#">WO2011128135 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY WITH CELL BALANCING
<a href="#">WO2011128133 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY COMPRISING A FREELY SELECTABLE NUMBER OF BATTERY CELLS
<a href="#">WO2011126315 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY MODULE INCLUDING SENSING MEMBERS WITH NOVEL STRUCTURE
<a href="#">WO2011126314 A2</a>	LG CHEMICAL LTD [KR] et al.	VOLTAGE DETECTION ASSEMBLY FOR BATTERY MODULE AND BATTERY MODULE INCLUDING SAME
<a href="#">WO2011126161 A1</a>	EIG LTD [KR] et al.	SECONDARY BATTERY MODULE
<a href="#">WO2011125834 A1</a>	HITACHI CHEMICAL CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL
<a href="#">WO2011125734 A1</a>	DAINIPPON PRINTING CO LTD [JP] et al.	ELECTRODE PLATE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, BATTERY PACK, AND PRODUCTION METHOD FOR ELECTRODE PLATE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO2011125557 A1</a>	JX NIPPON MINING & METALS CORP [JP] et al.	COPPER FOIL FOR LITHIUM-ION BATTERY COLLECTOR BODY
<a href="#">WO2011125555 A1</a>	JX NIPPON MINING & METALS CORP [JP], MAEDA NAOFUMI [JP]	CU-ZN ALLOY STRIP FOR TAB MATERIAL FOR CONNECTING CELLS
<a href="#">WO2011125481 A1</a>	NAMICS CORP [JP] et al.	LITHIUM ION SECONDARY BATTERY AND METHOD FOR PRODUCING SAME
<a href="#">WO2011125342 A1</a>	PANASONIC CORP [JP], IMAMURA KIMIHIRO	ALKALINE STORAGE BATTERY ELECTRODE AND ALKALINE STORAGE BATTERY
<a href="#">WO2011125325 A1</a>	NEC TOKIN CORP [JP] et al.	ELECTRICITY ACCUMULATOR DEVICE
<a href="#">WO2011125180 A1</a>	TOSHIBA KK [JP] et al.	NONAQUEOUS ELECTROLYTE BATTERY
<a href="#">WO2011125151 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	LAMINATED ELECTRODE-TYPE BATTERY, MANUFACTURING METHOD THEREFOR, VEHICLE, AND DEVICE
<a href="#">WO2011125128 A1</a>	mitsubishi electric corp [JP] et al.	POWER SAVING OPERATION SUPPORT DEVICE
<a href="#">WO2011124776 A1</a>	BADANJAK CLAUDE [FR]	SPRING-MOTOR BATTERY CHARGE RECYCLER
<a href="#">WO2011124701 A2</a>	MAGNA STEYR FAHRZEUGTECHNIK AG [AT] et al.	FASTENING DEVICE
<a href="#">WO2011124700 A2</a>	MAGNA STEYR FAHRZEUGTECHNIK AG [AT] et al.	FASTENING DEVICE
<a href="#">WO2011123955 A1</a>	KENWAY DANIEL JOHN [CA] et al.	SYSTEM AND METHOD FOR ENERGY STORAGE AND RETRIEVAL
<a href="#">WO2011122877 A2</a>	LG CHEMICAL LTD [KR] et al.	NOVEL POSITIVE ELECTRODE FOR A SECONDARY BATTERY
<a href="#">WO2011123690 A1</a>	FISKER AUTOMOTIVE INC, JASTRZEBSKI MARK [US]	SYSTEM AND METHOD FOR RANGE CALCULATION IN VEHICLES
<a href="#">WO2011123264 A2</a>	ENVIA SYSTEM INC [US] et al.	DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM
<a href="#">WO2011122865 A2</a>	LG CHEMICAL LTD [KR] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY USING SAME
<a href="#">WO2011122663 A1</a>	MITSUI MINING & SMELTING CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM-ION BATTERY AND LITHIUM-ION BATTERY
<a href="#">WO2011122517 A1</a>	SANYO ELECTRIC CO [JP] et al.	RECHARGING SYSTEM

<a href="#">WO2011122460 A1</a>	MITSUBISHI HEAVY IND LTD [JP], UCHIDA MASATAKA [JP]	BATTERY SYSTEM
<a href="#">WO2011122455 A1</a>	KOBE STEEL LTD [JP], SAKAE AKIRA	ELECTRODE TERMINAL, AND METHOD FOR PRODUCING ELECTRODE TERMINAL
<a href="#">WO2011122310 A1</a>	HONDA MOTOR CO LTD [JP], KAWAKITA KOJI [JP]	METHOD FOR DETECTING BATTERY CAPACITY OF SECONDARY BATTERY
<a href="#">WO2011122297 A1</a>	ZEON CORP [JP] et al.	LITHIUM-ION SECONDARY BATTERY
<a href="#">WO2011121975 A1</a>	PANASONIC CORP [JP], IWAMI RYOTARO	POWER SOURCE DEVICE FOR VEHICLE
<a href="#">WO2011121901 A1</a>	PANASONIC CORP [JP] et al.	BATTERY PACK
<a href="#">WO2011121692 A1</a>	PANASONIC CORP [JP], YUASA SHIN-ICHI	METHOD AND APPARATUS FOR DIAGNOSING DETERIORATION OF SECONDARY BATTERY
<a href="#">WO2011121064 A1</a>	SIEMENS AG OESTERREICH [AT] et al.	METHOD FOR CONTROLLING THE CIRCULATION OF CURRENT BETWEEN AT LEAST ONE CHARGING STATION AND ONE OR MORE ELECTRIC VEHICLES
<a href="#">WO2011121052 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	ON-BOARD SUPPLY SYSTEM FOR A VEHICLE AND CONTROL DEVICE FOR AN ON-BOARD SUPPLY SYSTEM
<a href="#">WO2011118801 A1</a>	TOKYO INST TECH [JP] et al.	SULFIDE SOLID ELECTROLYTE MATERIAL, BATTERY, AND METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE MATERIAL
<a href="#">WO2011118799 A1</a>	UNIV OSAKA PREFECT PUBLIC CORP [JP] et al.	SOLID ELECTROLYTE MATERIAL AND ALL SOLID-STATE LITHIUM SECONDARY BATTERY
<a href="#">WO2011118735 A1</a>	TEIJIN LTD [JP] et al.	POLYOLEFIN MICROPOROUS MEMBRANE, METHOD FOR PRODUCING SAME, SEPARATOR FOR NONAQUEOUS SECONDARY BATTERY AND NONAQUEOUS SECONDARY BATTERY
<a href="#">WO2011118302 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ACTIVE MATERIAL FOR BATTERY, AND BATTERY
<a href="#">WO2011118294 A1</a>	NEC CORP [JP] et al.	METHOD FOR CHARGING/DISCHARGING LITHIUM-ION SECONDARY BATTERY, AND CHARGING/DISCHARGING SYSTEM
<a href="#">WO2011118112 A1</a>	PANASONIC CORP [JP], IIDA TAKUMA	CHARGING STATE DETECTION CIRCUIT, BATTERY POWER SOURCE DEVICE, AND BATTERY INFORMATION MONITORING DEVICE
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<a href="#">WO201114664 A1</a>	TORAY TONEN SPECIALTY SEPARATOR GODO KAISHA [JP] et al.	MICROPOROUS MEMBRANES, METHODS FOR MAKING THESE MEMBRANES, AND THE USE OF THESE MEMBRANES AS BATTERY SEPARATOR FILMS
<a href="#">WO201113867 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	CIRCUIT UNIT WITH A BUSBAR FOR CURRENT AND HEAT TRANSMISSION AND A METHOD FOR PRODUCING SAID CIRCUIT UNIT

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<a href="#">WO2011121235 A1</a>	PEUGEOT CITROEN AUTOMOBILES SA [FR], CINNERI PATRICE [FR]	METHOD OF MONITORING THE LEVEL OF CHARGE OF AN ADDITIONAL ENERGY STORAGE FACILITY OF A MICRO-HYBRID PROPULSION VEHICLE, AND SYSTEM USING THE METHOD

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<a href="#">WO2011156142 A2</a>	REMY TECHNOLOGIES LLC [US], BRADFIELD MICHAEL D [US]	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
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<a href="#">WO2011145477 A1</a>	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	POWDER FOR MAGNETIC MEMBER, POWDER COMPACT, AND MAGNETIC MEMBER
<a href="#">WO2011145442 A1</a>	AISIN SEIKI [JP], SATO TOMOHIRO [JP]	ROTATIONAL ELECTRIC MACHINE AND METHOD FOR MANUFACTURING RETAINER RING FOR THE ROTATIONAL ELECTRIC MACHINE
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<a href="#">WO2011136144 A1</a>	KAWAMURA SANGYO CO LTD [JP] et al.	BOBBIN FOR ELECTRICAL EQUIPMENT AND METHOD FOR PRODUCING SAME
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<a href="#">WO2011125584 A1</a>	NITTO DENKO CORP [JP] et al.	PERMANENT MAGNET AND MANUFACTURING METHOD FOR PERMANENT MAGNET
<a href="#">WO2011125583 A1</a>	NITTO DENKO CORP [JP] et al.	PERMANENT MAGNET AND MANUFACTURING METHOD FOR PERMANENT MAGNET
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<a href="#">WO2011125222 A1</a>	TOYOTA MOTOR CO LTD [JP], IWASE YUJI [JP]	VEHICLE DRIVING FORCE CONTROL DEVICE
<a href="#">WO2011125209 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ROTOR AND MANUFACTURING METHOD FOR SAME
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<a href="#">WO2011122135 A1</a>	AISIN AW CO [JP] et al.	HYBRID DRIVE DEVICE
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<a href="#">WO2011135623 A1</a>	HITACHI LTD [JP] et al.	VEHICLE SYSTEM
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<a href="#">WO2011120727 A2</a>	BOSCH GMBH ROBERT [DE] et al.	INVERTER FOR AN ELECTRICAL MACHINE AND METHOD FOR OPERATING AN INVERTER FOR AN ELECTRICAL MACHINE
<a href="#">WO2011118259 A1</a>	AISIN AW CO [JP] et al.	DISCHARGE CONTROL DEVICE

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<a href="#">WO2011152062 A1</a>	NISSAN MOTOR [JP], NAGAKURA HAYATO	BATTERY CHARGING APPARATUS AND BATTERY CHARGING METHOD
<a href="#">WO2011151976 A1</a>	NISSAN MOTOR [JP] et al.	BATTERY CELL CONTROL SYSTEM AND METHOD
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<a href="#">WO2011148254 A2</a>	TOYOTA MOTOR CO LTD [JP] et al.	POWER FEEDING SYSTEM AND VEHICLE
<a href="#">WO2011147743 A2</a>	KOSTAL LEOPOLD GMBH & CO KG [DE], WELSCHHOLZ JOERG [DE]	CHARGING SYSTEM FOR CHARGING THE TRACTION BATTERY OF AN ELECTRICALLY POWERED MOTOR VEHICLE
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<a href="#">WO2011146661 A2</a>	QUALCOMM INC [US] et al.	ADAPTIVE WIRELESS ENERGY TRANSFER SYSTEM
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<a href="#">WO2011144509 A2</a>	BOSCH GMBH ROBERT [DE] et al.	INDUCTIVE BATTERY-BALANCING WITH REDUCED CIRCUIT COMPLEXITY
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<a href="#">WO2011144308 A2</a>	AUDI NSU AUTO UNION AG [DE], SCHALLI NIKLAS [DE]	SWITCHING THE CHARGING PROCESS OF A MOTOR VEHICLE USING A MOBILE DEVICE, IN PARTICULAR A WIRELESS KEY
<a href="#">WO2011144307 A2</a>	AUDI NSU AUTO UNION AG [DE], SCHALLI NIKLAS [DE]	INTERACTION OF THERMAL MANAGEMENT AND CHARGING MANAGEMENT DURING EXTERNAL CHARGING
<a href="#">WO2011143090 A1</a>	WFK & ASSOCIATES LLC [US], KISSEL WALDEMAR F JR [US]	APPARATUS FOR PULSE CHARGING ELECTRIC VEHICLES
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<a href="#">WO2011142418 A1</a>	TOYOTA JIDOSHOKKI KK [JP] et al.	POWER RECEPTION EQUIPMENT FOR RESONANCE-TYPE NON-CONTACT POWER SUPPLY SYSTEM
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<a href="#">WO2011134861 A1</a>	DONG ENERGY AS [DK], HANSEN LARS HENRIK [DK]	DISPATCH CONTROLLER FOR A DISTRIBUTED ELECTRICAL POWER SYSTEM

<a href="#">WO2011133723 A2</a>	COULOMB TECHNOLOGIES INC [US] et al.	SELF POWERED ELECTRIC VEHICLE CHARGING CONNECTOR LOCKING SYSTEM
<a href="#">WO2011132887 A2</a>	HANWHA TECHM CO LTD [KR] et al.	UNIVERSAL CHARGING DEVICE
<a href="#">WO2011132583 A1</a>	NISSAN MOTOR [JP], NAKAZAWA TAKUJI	INFORMATION PROVISION DEVICE AND INFORMATION PROVISION METHOD
<a href="#">WO2011132434 A1</a>	SANYO ELECTRIC CO [JP] et al.	BATTERY MODULE, ELECTRIC VEHICLE PROVIDED WITH SAME, MOBILE BODY, POWER STORAGE DEVICE, POWER SOURCE DEVICE, AND ELECTRIC EQUIPMENT
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<a href="#">WO2011127449 A2</a>	QUALCOMM INC [US] et al.	WIRELESS POWER TRANSMISSION IN ELECTRIC VEHICLES
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