

### Noticias

El Consejo de Ministros, en su sesión de 24 de febrero de 2012, aprobó un Real Decreto que establece la cuantía de ayudas para 2012 para la adquisición de vehículos eléctricos, con las mismas normas reguladoras y el sistema de gestión que las ayudas aprobadas en mayo de 2011.

De este modo, el Gobierno aprueba ayudas de 10 millones de euros para la compra de vehículos eléctricos en 2012. Para las solicitudes presentadas entre el 1 de enero al 30 de noviembre de 2012, se subvencionará un 25% del precio de venta, con un máximo de 6.000 euros por vehículo para flotas y usuarios particulares y de 30.000 euros para los vehículos grandes, dependiendo del tipo de vehículo.

Las ayudas se conceden para la adquisición, operaciones de financiación por leasing financiero y arrendamiento por renting o leasing operativo de vehículos eléctricos nuevos matriculados por primera vez en España, ya sean turismos (categoría M1), furgonetas (N1), furgones (N2), autobuses (M2 y M3), motocicletas

(L3e y L5e) ó cuadriciclos, tanto ligeros (L6e) como pesados (L7e).

Por otro lado, el Consejo de Ministros del viernes 13 de abril ha autorizado al Ministerio de Industria, Energía y Turismo a suscribir una segunda adenda al Convenio de Colaboración existente entre el Ministerio y la Fundación Instituto Tecnológico para la Seguridad del Automóvil (FITSA), para que esta Fundación, como entidad colaboradora, continúe gestionando las ayudas a la compra de vehículos eléctricos durante 2012.

Por último, en el último Salón del Automóvil de Ginebra, celebrado entre el 8 y el 18 de marzo de 2012, estuvieron presentes modelos eléctricos como el Renault Zoe, el Ford Focus Electric, el Smart Fortwo ED, el Nissan e-NV200 y el Kia Ray EV. Está previsto que los tres primeros modelos estén a la venta a finales de año. Por su parte, el Kia Ray EV está disponible en Corea del Sur desde diciembre de 2011, y se está planteando su posible comercialización en Europa.

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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="#">WO2012036500 A2</a>	LG CHEMICAL LTD [KR] et al.	NOVEL ELECTRODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY COMPRISING SAME
<a href="#">WO2012034609 A1</a>	AUDI NSU AUTO UNION AG [DE], HOFMANN REINHARD [DE]	MOTOR VEHICLE COMPRISING A HIGH-VOLTAGE SOURCE
<a href="#">WO2012033389 A2</a>	SK INNOVATION CO LTD [KR] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR A LITHIUM SECONDARY BATTERY, METHOD FOR PRODUCING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
<a href="#">WO2012033133 A1</a>	TOPPAN PRINTING CO LTD [JP] et al.	LITHIUM ION BATTERY OUTER COVER MATERIAL
<a href="#">WO2012033044 A1</a>	SHIN KOBE ELECTRIC MACHINERY [JP] et al.	LITHIUM-ION BATTERY
<a href="#">WO2012033036 A1</a>	NTT FACILITIES INC [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012032972 A1</a>	NTN TOYO BEARING CO LTD [JP], AKAMATSU YOSHINOBU [JP]	IN-WHEEL MOTOR ELECTRIC VEHICLE
<a href="#">WO2012032956 A1</a>	SUMITOMO CHEMICAL CO [JP] et al.	BATTERY ASSEMBLY
<a href="#">WO2012032589 A1</a>	mitsubishi ELECTRIC CORP [JP] et al.	AC MOTOR DRIVER APPARATUS
<a href="#">WO2012032428 A1</a>	BRUSA ELEKTRONIK AG [CH], KRAUSE AXEL [CH]	METHOD AND CELL MONITORING UNIT FOR MONITORING A RECHARGEABLE BATTERY
<a href="#">WO2012031929 A1</a>	SIEMENS AG [DE] et al.	ELECTRIC PLUG SYSTEM WITH CONTACT DETECTION
<a href="#">WO2012030725 A1</a>	HIGHWATER INNOVATIONS LLC [US]	LOW ASPECT RATIO SPIRAL-WOUND VRLA BATTERY
<a href="#">WO2012030639 A2</a>	ENVIA SYSTEMS INC [US] et al.	VERY LONG CYCLING OF LITHIUM ION BATTERIES WITH LITHIUM RICH CATHODE MATERIALS
<a href="#">WO2012030182 A2</a>	SK INNOVATION CO LTD [KR] et al.	HIGH-VOLTAGE BATTERY WITH INTEGRATED CELL CONNECTOR
<a href="#">WO2012030114 A2</a>	LG CHEMICAL LTD [KR] et al.	CATHODE ACTIVE MATERIAL FOR SECONDARY BATTERY
<a href="#">WO2012030089 A2</a>	LG CHEMICAL LTD [KR], JIN CHANG-EON [KR]	COOLING CONTROL APPARATUS AND METHOD FOR BATTERY PACK
<a href="#">WO2012029805 A1</a>	ZEON CORP [JP], TOYODA YUJIRO [JP]	SLURRY COMPOSITION FOR POROUS FILM IN BATTERY, METHOD FOR MANUFACTURING POROUS FILM FOR SECONDARY BATTERY, POROUS FILM FOR SECONDARY BATTERY, ELECTRODE FOR SECONDARY BATTERY, SEPARATOR FOR SECONDARY BATTERY, AND SECONDARY BATTERY
<a href="#">WO2012029641 A1</a>	MURATA MANUFACTURING CO [JP] et al.	SOLID STATE BATTERY AND MANUFACTURING METHOD FOR SAME
<a href="#">WO2012029624 A1</a>	NEC ENERGY DEVICES LTD [JP] et al.	NEGATIVE ELECTRODE FOR SECONDARY BATTERY, METHOD FOR MANUFACTURING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

<a href="#">WO2012029532 A1</a>	HONDA MOTOR CO LTD [JP] et al.	CHARGER
<a href="#">WO2012029497 A1</a>	NISSAN MOTOR [JP] et al.	BIPOLAR BATTERY
<a href="#">WO2012029373 A1</a>	TOYOTA MOTOR CO LTD [JP], YAMAGUCHI HIROYUKI [JP]	NEGATIVE ELECTRODE MATERIAL, LITHIUM SECONDARY BATTERY, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE MATERIAL
<a href="#">WO2012029336 A1</a>	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY AND METHOD FOR PRODUCING SAME
<a href="#">WO2012029235 A1</a>	PANASONIC CORP [JP] et al.	ASSEMBLED BATTERY
<a href="#">WO2012029231 A1</a>	SANYO ELECTRIC CO [JP], OHKURA KAZUMI [JP]	VOLTAGE DETECTION CIRCUIT AND BATTERY SYSTEM EQUIPPED WITH SAME, ELECTRIC VEHICLE, MOVING BODY, ELECTRIC POWER STORAGE DEVICE, AND POWER SUPPLY DEVICE
<a href="#">WO2012029093 A1</a>	TOYOTA MOTOR CO LTD [JP], YAMASHITA YOUICHI [JP]	FREQUENCY CONTROL APPARATUS AND CHARGING SYSTEM
<a href="#">WO2012029089 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE AND ELECTRIC STORAGE DEVICE
<a href="#">WO2012028929 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRICITY STORAGE DEVICE AND VEHICLE
<a href="#">WO2012028927 A2</a>	TOYOTA JIDOSHA KASBUSHIKI KAISHA [JP] et al.	ELECTRICITY STORAGE DEVICE AND VEHICLE
<a href="#">WO2012028357 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY CELL, BATTERY CELL MODULE, METHOD FOR PRODUCING A BATTERY CELL MODULE AND MOTOR VEHICLE
<a href="#">WO2012027836 A1</a>	BATHIUM CANADA INC [CA] et al.	BATTERY PACK WITH CONNECTING DEVICE
<a href="#">WO2012027013 A1</a>	CHANG CHUN-CHIEH [US], CHANG TSUN-YU	ADVANCED HIGH DURABILITY LITHIUM-ION BATTERY
<a href="#">WO2012026763 A2</a>	KOREA ADVANCED INST SCI & TECH [KR] et al.	CURRENT-COLLECTING APPARATUS
<a href="#">WO2012026669 A2</a>	LG CHEMICAL LTD [KR] et al.	CABLE-TYPE SECONDARY BATTERY
<a href="#">WO2012026583 A1</a>	ZEON CORP [JP] et al.	ALL-SOLID-STATE SECONDARY BATTERY
<a href="#">WO2012026009 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	PROCESS FOR PRODUCTION OF BATTERY ELECTRODE
<a href="#">WO2012025963 A1</a>	HITACHI VEHICLE ENERGY LTD [JP] et al.	NONAQUEOUS-ELECTROLYTE BATTERY
<a href="#">WO2012025706 A1</a>	IMP INNOVATIONS LTD [GB] et al.	BATTERY MONITORING IN ELECTRIC VEHICLES, HYBRID ELECTRIC VEHICLES AND OTHER APPLICATIONS
<a href="#">WO2012025188 A1</a>	LI TEC BATTERY GMBH [DE] et al.	METHOD FOR PREDICTING THE ELECTRICAL POWER AN ELECTROCHEMICAL ENERGY STORE CAN OUTPUT TO A CONSUMER
<a href="#">WO2012025166 A1</a>	AUDI NSU AUTO UNION AG [DE], ENNING NORBERT [DE]	CRASH-ENERGY-ABSORBING ARRANGEMENT FOR A MOTOR VEHICLE HAVING A HYBRID DRIVE OR AN ELECTRIC MACHINE
<a href="#">WO2012023804 A2</a>	LG CHEMICAL LTD [KR] et al.	RECHARGEABLE BATTERY WITH IMPROVED LEAD STRUCTURE
<a href="#">WO2012023753 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY MODULE WITH COMPACT STRUCTURE AND EXCELLENT HEAT RADIATION CHARACTERISTICS, AND MEDIUM- OR LARGE-SIZED BATTERY PACK
<a href="#">WO2012023731 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY MODULE AND BATTERY PACK INCLUDING SAME
<a href="#">WO2012023626 A1</a>	JSR CORP [JP] et al.	BINDER COMPOSITION FOR USE IN ELECTRODES
<a href="#">WO2012023610 A1</a>	SANTOKU CORP [JP] et al.	HYDROGEN ABSORBING ALLOY, NEGATIVE POLE, AND NICKEL-HYDROGEN SECONDARY BATTERY

<a href="#">WO2012023249 A1</a>	SANYO ELECTRIC CO [JP] et al.	BATTERY SYSTEM, AND ELECTRIC VEHICLE, MOBILE BODY, ELECTRIC POWER STORAGE DEVICE AND POWER SUPPLY DEVICE EACH EQUIPPED WITH SAME
<a href="#">WO2012023199 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO2012023197 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY AND SEPARATOR FOR USE IN SAID BATTERY
<a href="#">WO2012022316 A2</a>	FAC FRANK ABELS CONSULT & TECH [DE], ABELS FRANK [DE]	MOTOR VEHICLE HAVING AN ELECTRIC VEHICLE DRIVE AND METHOD FOR OPERATING SUCH A MOTOR VEHICLE
<a href="#">WO2012021104 A1</a>	SCANIA CV AB [SE] et al.	ARRANGEMENT FOR MAINTAINING A DESIRED OPERATING TEMPERATURE OF A BATTERY IN A VEHICLE
<a href="#">WO2012021044 A2</a>	SK INNOVATION CO LTD [KR] et al.	PORE PROTECTED MULTI LAYERED COMPOSITE SEPARATOR AND THE METHOD FOR MANUFACTURING THE SAME
<a href="#">WO2012021029 A2</a>	LG CHEMICAL LTD [KR] et al.	NON-AQUEOUS ELECTROLYTE SOLUTION FOR A LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
<a href="#">WO2012020941 A2</a>	LG CHEMICAL LTD [KR] et al.	BATTERY PACK OF NOVEL STRUCTURE
<a href="#">WO2012020815 A1</a>	KRI INC [JP] et al.	PREDOPING METHOD FOR LITHIUM, METHOD FOR PRODUCING ELECTRODES, AND ELECTRIC POWER STORAGE DEVICE USING THESE METHODS
<a href="#">WO2012020671 A1</a>	TORAY TONEN SPECIALTY SEPARATOR GODO KAISHA [JP] et al.	MICROPOROUS FILM, PROCESS FOR PRODUCTION OF THE FILM, AND USE OF THE FILM
<a href="#">WO2012020614 A1</a>	FURUKAWA ELECTRIC CO LTD [JP] et al.	BATTERY TEMPERATURE REGULATION SYSTEM AND BATTERY TEMPERATURE REGULATION UNIT
<a href="#">WO2012019918 A1</a>	BEHR GMBH & CO KG [DE] et al.	HEAT-CONDUCTING MODULE AND METHOD FOR PRODUCING A HEAT EXCHANGER
<a href="#">WO2012019810 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY, METHOD FOR PRODUCING A BATTERY, AND MOTOR VEHICLE
<a href="#">WO2012019719 A1</a>	LI TEC BATTERY GMBH [DE], ZAHN CHRISTIAN [DE]	THERMALLY CONDUCTIVE PLATE HAVING A NETWORK OF FLOW CHANNELS, METHOD FOR TRANSPORT OF HEAT AND ELECTROCHEMICAL ENERGY STORE
<a href="#">WO2012018268 A1</a>	AUCKLAND UNISERVICES LTD [NZ] et al.	INDUCTIVE POWER TRANSFER APPARATUS
<a href="#">WO2012018203 A2</a>	V ENS CO LTD [KR] et al.	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO2012018077 A1</a>	GS YUASA INT LTD [JP] et al.	ALKALI BATTERY AND METHOD FOR MANUFACTURING POSITIVE ELECTRODE MATERIAL FOR ALKALI BATTERY
<a href="#">WO2012018067 A1</a>	TOYOTA JIDOSHOKKI KK [JP] et al.	BATTERY PACK
<a href="#">WO2012017999 A1</a>	WAKO PURE CHEM IND LTD [JP] et al.	NONAQUEOUS ELECTROLYTE SOLUTION AND NONAQUEOUS ELECTROLYTE BATTERY USING SAME
<a href="#">WO2012017998 A1</a>	WAKO PURE CHEM IND LTD [JP] et al.	NONAQUEOUS ELECTROLYTE SOLUTION, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE BATTERY USING THE ELECTROLYTE SOLUTION
<a href="#">WO2012017826 A1</a>	TDK CORP [JP] et al.	ACTIVE MATERIAL, PROCESS FOR PRODUCTION OF ACTIVE MATERIAL, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012017811 A1</a>	TDK CORP [JP] et al.	PRECURSOR, PROCESS FOR PRODUCTION OF PRECURSOR, PROCESS FOR PRODUCTION OF ACTIVE MATERIAL, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012017738 A1</a>	NISSAN MOTOR [JP], OGIHARA WATARU	NEGATIVE ELECTRODE FOR LITHIUM-ION SECONDARY BATTERY, AND MANUFACTURING METHOD FOR SAME
<a href="#">WO2012017586 A1</a>	PANASONIC CORP [JP] et al.	CELL MODULE
<a href="#">WO2012017546 A1</a>	TOYOTA MOTOR CO LTD [JP], UCHIDA YOZO [JP]	SECONDARY BATTERY

<a href="#">WO2012017544 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SULFIDE SOLID ELECTROLYTE GLASS, LITHIUM SOLID-STATE BATTERY, AND METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE GLASS
<a href="#">WO2012017537 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012017151 A1</a>	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	METHOD FOR COOLING AN ELECTRICITY STORAGE MEANS
<a href="#">WO2012016950 A1</a>	MICHELIN SOC TECH [FR] et al.	CONNECTION DEVICE COMPRISING A CONTROL UNIT, BATTERY CASE COMPRISING SUCH A CONNECTION DEVICE AND METHOD OF CONTROLLING SUCH A BATTERY CASE
<a href="#">WO2012016949 A1</a>	MICHELIN SOC TECH [FR] et al.	DEVICE FOR CONNECTING A BATTERY TO AN ELECTRIC OR HYBRID VEHICLE, AND BATTERY HOUSING COMPRISING SAID CONNECTION DEVICE.
<a href="#">WO2012016885 A1</a>	BEHR GMBH & CO KG [DE] et al.	BATTERY COOLING SYSTEM
<a href="#">WO2012016654 A1</a>	REHAU AG & CO [DE], KIND FRANZ [DE]	COOLING APPARATUS FOR AN ELECTRICAL ENERGY STORE
<a href="#">WO2012015054 A1</a>	HITACHI CHEMICAL CO LTD [JP] et al.	NEGATIVE POLE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, NEGATIVE POLE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012014998 A1</a>	HITACHI MAXELL ENERGY LTD [JP] et al.	LITHIUM SECONDARY BATTERY
<a href="#">WO2012014929 A1</a>	SANYO ELECTRIC CO [JP], ITO KATSUYA [JP]	CYLINDRICAL LITHIUM-ION BATTERY
<a href="#">WO2012014895 A1</a>	SANYO ELECTRIC CO [JP] et al.	SINTERED NICKEL CATHODE, METHOD OF MANUFACTURING SAME, AND ALKALINE STORAGE BATTERY EMPLOYING THE SINTERED NICKEL CATHODE
<a href="#">WO2012014852 A1</a>	ULVAC INC [JP] et al.	ACTIVE-MATERIAL ELECTROLYTE COMPOSITE, PROCESS FOR PRODUCING SAME, AND ALL-SOLID-STATE LITHIUM-SULFUR SECONDARY BATTERY
<a href="#">WO2012014846 A1</a>	NEC ENERGY DEVICES LTD [JP] et al.	SECONDARY BATTERY POSITIVE ELECTRODE ACTIVE MATERIAL AND SECONDARY BATTERY USING THE SAME
<a href="#">WO2012014816 A1</a>	YAZAKI CORP [JP] et al.	TERMINAL CONNECTION STRUCTURE
<a href="#">WO2012014793 A1</a>	NEC ENERGY DEVICES LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012014780 A1</a>	NISSAN MOTOR [JP] et al.	BIPOLAR ELECTRODE, BIPOLAR SECONDARY BATTERY USING SAME, AND METHOD FOR PRODUCING BIPOLAR ELECTRODE
<a href="#">WO2012014693 A1</a>	NISSAN MOTOR [JP] et al.	LAMINATED CELL
<a href="#">WO2012014616 A1</a>	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE RECHARGEABLE BATTERY
<a href="#">WO2012014510 A1</a>	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY CELL
<a href="#">WO2012014485 A2</a>	TOYOTA JIDOSHOKKI KK [JP] et al.	RESONANCE TYPE NON-CONTACT POWER SUPPLY SYSTEM
<a href="#">WO2012014407 A1</a>	SANYO ELECTRIC CO [JP] et al.	BATTERY MODULE, BATTERY SYSTEM, ELECTRIC VEHICLE, MOBILE BODY, POWER STORAGE DEVICE AND POWER SOURCE DEVICE
<a href="#">WO2012014348 A1</a>	PANASONIC CORP [JP] et al.	CELL MODULE AND CELL PACK
<a href="#">WO2012014255 A1</a>	MITSUBISHI HEAVY IND LTD [JP], NAKAJIMA JUNJI [JP]	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012014250 A1</a>	MITSUBISHI ELECTRIC CORP [JP], OHSAWA TAKASHI [JP]	TRANSFORMER

<a href="#">WO2012014049 A1</a>	EATON CORP [US] et al.	UNINTERRUPTIBLE POWER SUPPLY APPARATUS AND METHODS USING RECONFIGURABLE ENERGY STORAGE NETWORKS
<a href="#">WO2012013906 A1</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	MAGNETORESISTOR INTEGRATED SENSOR FOR MEASURING VOLTAGE OR CURRENT, AND DIAGNOSTIC SYSTEM
<a href="#">WO2012013789 A1</a>	E4V [FR] et al.	SYSTEM FOR COOLING AN ELECTRICAL BATTERY, AND BATTERY INCLUDING SUCH A SYSTEM
<a href="#">WO2012013641 A1</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	BATTERY, THE DESIGN AND ASSEMBLY OF WHICH ARE SIMPLE
<a href="#">WO2012013615 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	COOLABLE BATTERY SYSTEM, METHOD FOR COOLING A BATTERY AND AUTOMOBILE COMPRISING A COOLABLE BATTERY SYSTEM
<a href="#">WO2012013582 A1</a>	VALEO KLIMASYSTEME GMBH [DE], HAUSSMANN ROLAND [DE]	COOLING DEVICE FOR A VEHICLE BATTERY AND A VEHICLE BATTERY WITH SUCH A COOLING DEVICE
<a href="#">WO2012013433 A1</a>	RWE AG [DE], GAUL ARMIN [DE]	SAVING AND CHECKING THE SYSTEM TIME OF A CHARGING STATION
<a href="#">WO2012013315 A1</a>	BAYERISCHE MOTOREN WERKE AG [DE] et al.	DEVICE FOR SUPPLYING POWER, HAVING A COOLING ASSEMBLY
<a href="#">WO2012012731 A2</a>	UNIV SOUTHERN CALIFORNIA [US] et al.	IRON-AIR RECHARGEABLE BATTERY
<a href="#">WO2012011785 A2</a>	ECOPRO CO LTD [KR] et al.	METHOD FOR MANUFACTURING ANODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, ANODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY MANUFACTURED THEREBY AND LITHIUM SECONDARY BATTERY USING SAME
<a href="#">WO2012011716 A2</a>	LG CHEMICAL LTD [KR] et al.	SECONDARY BATTERY HAVING A DIFFERENTIAL LEAD STRUCTURE
<a href="#">WO2012011586 A1</a>	UBE INDUSTRIES [JP] et al.	NON-AQUEOUS ELECTROLYTIC SOLUTION, AND ELECTROCHEMICAL ELEMENT UTILIZING SAME
<a href="#">WO2012011212 A1</a>	SUMITOMO METAL MINING CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO2012011189 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012011179 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SULFIDE SOLID ELECTROLYTE GLASS, METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE GLASS, AND LITHIUM SOLID-STATE BATTERY
<a href="#">WO2012010347 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY MODULE COMPRISING A RESILIENT PRESSURE PLATE
<a href="#">WO2012010229 A1</a>	SEW EURODRIVE GMBH & CO [DE] et al.	COIL DEVICE AND COIL ASSEMBLY
<a href="#">WO2012009091 A1</a>	CODA AUTOMOTIVE INC [US] et al.	BATTERY WITH IMPROVED TERMINALS
<a href="#">WO2012009090 A1</a>	CODA AUTOMOTIVE INC [US] et al.	BATTERY ASSEMBLY
<a href="#">WO2012009010 A2</a>	UNIV LELAND STANFORD JUNIOR [US] et al.	ENERGY STORAGE DEVICE WITH LARGE CHARGE SEPARATION
<a href="#">WO2012008532 A1</a>	MITSUBISHI CHEM CORP [JP] et al.	POSITIVE ELECTRODE FOR LITHIUM SECONDARY BATTERIES AND LITHIUM SECONDARY BATTERY USING SAME
<a href="#">WO2012008480 A1</a>	MITSUI MINING & SMELTING CO [JP] et al.	SPINEL-TYPE LITHIUM TRANSITION METAL OXIDE AND POSITIVE ELECTRODE ACTIVE MATERIAL SUBSTANCE FOR LITHIUM BATTERIES
<a href="#">WO2012008449 A1</a>	YAZAKI CORP [JP], IZAWA TAKAAKI [JP]	BATTERY PACK VOLTAGE DETECTION DEVICE

<a href="#">WO2012008206 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR PRODUCING ANODE MATERIAL, ANODE MATERIAL, METHOD FOR PRODUCING LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY
<a href="#">WO2012008090 A1</a>	PANASONIC CORP [JP] et al.	BATTERY PACK
<a href="#">WO2012007329 A2</a>	BOSCH GMBH ROBERT [DE] et al.	METHOD FOR SAFETY-DEPENDENT DISCONNECTION OF AN ELECTRICAL POWER SUPPLY SYSTEM
<a href="#">WO2012007206 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	METHOD FOR DETERMINING THE LIFE EXPECTANCY OF AT LEAST ONE BATTERY CELL, BATTERY COMPRISING A PLURALITY OF BATTERY CELLS, AND MOTOR VEHICLE
<a href="#">WO2012007205 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY CELL MODULE, BATTERY, AND MOTOR VEHICLE
<a href="#">WO2012006597 A2</a>	COULOMB TECHNOLOGIES INC [US] et al.	BREAKAWAY MECHANISM FOR CHARGING CABLES OF ELECTRIC VEHICLE CHARGING STATIONS
<a href="#">WO2012006197 A2</a>	ROGERS RICHARD [US]	WIND-DRIVEN RECHARGER FOR VEHICLE BATTERY
<a href="#">WO2012005655 A1</a>	SCANIA CV AB [SE] et al.	ENERGY CONTROL SYSTEM AND METHOD FOR A HYBRID VEHICLE
<a href="#">WO2012005607 A2</a>	AUCKLAND UNISERVICES LTD [NZ] et al.	INDUCTIVE POWER TRANSFER SYSTEM
<a href="#">WO2012005554 A2</a>	V ENS CO LTD [KR] et al.	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO2012005552 A2</a>	V ENS CO LTD [KR], PARK SUNG CHUL [KR]	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING EMERGENCY THEREOF
<a href="#">WO2012005355 A1</a>	NISSHIN STEEL CO LTD [JP] et al.	COPPER-CLAD STEEL FOIL, ANODE COLLECTOR, METHOD FOR PRODUCING SAME, AND BATTERY
<a href="#">WO2012005301 A1</a>	GS YUASA INT LTD [JP] et al.	ELECTRODE BODY FOR ENERGY STORAGE ELEMENT, AND ENERGY STORAGE ELEMENT
<a href="#">WO2012005186 A1</a>	NEC ENERGY DEVICES LTD [JP] et al.	VOLTAGE MEASURING CIRCUIT AND METHOD
<a href="#">WO2012005020 A1</a>	HITACHI VEHICLE ENERGY LTD [JP], AOTA KINYA [JP]	SEALED BATTERY
<a href="#">WO2012004926 A1</a>	VALEO JAPAN CO LTD [JP] et al.	BATTERY COOLING APPARATUS
<a href="#">WO2012004886 A1</a>	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY AND METHOD FOR MANUFACTURING FLAT WOUND ELECTRODE GROUP
<a href="#">WO2012004839 A1</a>	MITSUBISHI HEAVY IND LTD [JP], NAKAJIMA JUNJI [JP]	SECONDARY BATTERY
<a href="#">WO2012004493 A1</a>	RENAULT SA [FR], CALEGARI LIONEL [FR]	DEVICE FOR COOLING AT LEAST ONE ELEMENT COMPRISING AT LEAST ONE ELECTRONIC COMPONENT
<a href="#">WO2012003209 A1</a>	NISSAN NORTH AMERICA INC [US], EISENHOUR RONALD S [US]	VEHICLE BATTERY TEMPERATURE CONTROL SYSTEM AND METHOD
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<a href="#">WO2012002459 A1</a>	JX NIPPON OIL & ENERGY CORP [JP] et al.	RAW MATERIAL OIL COMPOSITION FOR NEGATIVE ELECTRODE CARBON MATERIAL OF LITHIUM ION SECONDARY BATTERY
<a href="#">WO2012002458 A1</a>	JX NIPPON OIL & ENERGY CORP [JP] et al.	STOCK OIL COMPOSITION FOR CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODES OF LITHIUM-ION SECONDARY BATTERIES
<a href="#">WO2012002396 A1</a>	ZEON CORP [JP] et al.	BINDER COMPOSITION FOR NON-AQUEOUS BATTERY ELECTRODE, ELECTROLYTIC SOLUTION COMPOSITION FOR NON-AQUEOUS BATTERY, AND USE THEREOF

<a href="#">WO2012002304 A1</a>	FURUKAWA ELECTRIC CO LTD [JP] et al.	NEGATIVE ELECTRODE FOR SECONDARY BATTERY, NEGATIVE ELECTRODE COLLECTOR, METHOD FOR PRODUCING NEGATIVE ELECTRODE FOR SECONDARY BATTERY, METHOD FOR PRODUCING NEGATIVE ELECTRODE COLLECTOR, AND SECONDARY BATTERY
<a href="#">WO2012002275 A1</a>	SANYO ELECTRIC CO [JP] et al.	HEAT-STORAGE AIR CONDITIONING SYSTEM AND STORAGE BATTERY, AND CONTROL DEVICE FOR HEAT-STORAGE SHOWCASE SYSTEM AND STORAGE BATTERY
<a href="#">WO2012001840 A1</a>	PANASONIC CORP [JP] et al.	NEGATIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO2012001773 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	PROCESS FOR PRODUCTION OF SULFIDE SOLID ELECTROLYTE MATERIAL, AND PROCESS FOR PRODUCTION OF LITHIUM SOLID-STATE BATTERY
<a href="#">WO2012001745 A1</a>	HITACHI LTD [JP] et al.	METAL-AIR RECHARGEABLE BATTERY
<a href="#">WO2012001508 A1</a>	GILETTA S P A [IT], GILETTA ENZO [IT]	SPREADER UNIT FOR A DE-ICING MATERIAL AND RESPECTIVE VEHICLE
<a href="#">WO2012001280 A1</a>	RENAULT SA [FR], YU ROBERT [FR]	COOLING OF A BATTERY USED TO POWER A MOTOR VEHICLE ENGINE
<a href="#">WO2012001174 A2</a>	BOSCH GMBH ROBERT [DE], IMRE ARPAD [DE]	THERMAL DECOUPLING OF BATTERY CELLS IN THE EVENT OF A FAULT
<a href="#">WO2012001157 A1</a>	CONTINENTAL TEVES AG & CO OHG [DE] et al.	CURRENT SENSOR
<a href="#">WO2012000754 A2</a>	SIEMENS AG [DE], HEUER JOERG [DE]	CHARGE DEVICE FOR CHARGING ENERGY STORES AND CORRESPONDING METHOD
<a href="#">WO2012000709 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY SYSTEM
<a href="#">WO2011163489 A1</a>	TROJAN BATTERY CO [US] et al.	SEPARATOR FOR LEAD ACID BATTERY
<a href="#">WO2011163306 A2</a>	A123 SYSTEMS INC [US], FIREHAMMER PAUL W [US]	SYSTEM AND METHOD FOR EXTENDING THE USABLE CAPACITY OF A BATTERY PACK
<a href="#">WO2011163218 A2</a>	TOYOTA MOTOR ENGINEERING & MFG NORTH AMERICA INC [US] et al.	ACTIVE MATERIAL FOR RECHARGEABLE BATTERY
<a href="#">WO2011162529 A2</a>	GS CALTEX CORP [KR] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL WITH IMPROVED SAFETY, AND SECONDARY BATTERY COMPRISING SAME
<a href="#">WO2011162387 A1</a>	JX NIPPON OIL & ENERGY CORP [JP] et al.	RAW MATERIAL CARBON COMPOSITION FOR LITHIUM ION SECONDARY BATTERY NEGATIVE ELECTRODE MATERIAL
<a href="#">WO2011162385 A1</a>	SANTOKU CORP [JP] et al.	PROCESS FOR PRODUCTION OF (RARE EARTH)-Mg-Ni-BASED HYDROGEN STORAGE ALLOY
<a href="#">WO2011162178 A1</a>	TOYOTA MOTOR CO LTD [JP], NAGAI HIROKI [JP]	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011162169 A1</a>	NEC ENERGY DEVICES LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011162014 A1</a>	TOYOTA MOTOR CO LTD [JP], KURIMOTO YASUhide [JP]	BATTERY MANAGEMENT SYSTEM, BATTERY MANAGEMENT APPARATUS, METHOD OF REUSING BATTERY, AND INFORMATION COMMUNICATION TERMINAL APPARATUS
<a href="#">WO2011161984 A1</a>	HITACHI VEHICLE ENERGY LTD [JP], KOHNO RYUJI [JP]	SECONDARY BATTERY
<a href="#">WO2011161758 A1</a>	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER SUPPLYING SYSTEM



<a href="#">WO2011161754 A1</a>	TOYOTA MOTOR CO LTD [JP], NAGAI HIROKI [JP]	LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011161023 A1</a>	FCI AUTOMOTIVE HOLDING [FR] et al.	ELECTRICAL CONNECTION BUS
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<a href="#">WO2011160890 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	METHOD FOR DETERMINING AT LEAST ONE STATE OF A PLURALITY OF BATTERY CELLS, COMPUTER PROGRAM, BATTERY AND MOTOR VEHICLE
<a href="#">WO2011160837 A1</a>	MAX PLANCK GESELLSCHAFT [DE] et al.	AN ELECTRODE MATERIAL FOR A LITHIUM-ION BATTERY AND A METHOD OF MANUFACTURING THE SAME
<a href="#">WO2011159619 A2</a>	JOHNSON CONTROLS SAFT ADVANCED POWER SOLUTIONS LLC [US] et al.	THERMAL MANAGEMENT SYSTEM FOR A BATTERY SYSTEM
<a href="#">WO2011159455 A1</a>	MIDTRONICS INC [US], BERTNESS KEVIN I [US]	BATTERY MAINTENANCE DEVICE WITH THERMAL BUFFER
<a href="#">WO2011159112 A2</a>	SK INNOVATION CO LTD [KR] et al.	SAFETY COMPONENT BY FUSE AT HIGH VOLTAGE BATTERY SENSING LINE
<a href="#">WO2011158381 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	DETERIORATION DEGREE DETERMINATION DEVICE
<a href="#">WO2011158346 A1</a>	TOYOTA MOTOR CO LTD [JP], FUKADA YOSHIKI [JP]	CHARGING DEVICE
<a href="#">WO2011157768 A1</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	LITHIUM ELECTROCHEMICAL ACCUMULATOR HAVING A SPECIFIC BIPOLAR ARCHITECTURE
<a href="#">WO2011157765 A1</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	LITHIUM ELECTROCHEMICAL ACCUMULATOR HAVING A BIPOLAR ARCHITECTURE AND COMPRISING A SPECIFIC ELECTROLYTE ADDITIVE
<a href="#">WO2011157755 A1</a>	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	LITHIUM ELECTROCHEMICAL ACCUMULATOR HAVING A BIPOLAR ARCHITECTURE AND OPERATING WITH A LITHIUM-SULPHUR COMPOUND ELECTRODE PAIR
<a href="#">WO2011157488 A2</a>	SIEMENS AG [DE] et al.	DEVICE FOR GRID VOLTAGE SYMMETRIZATION
<a href="#">WO2011157331 A1</a>	BAYERISCHE MOTOREN WERKE AG [DE] et al.	REWIRING ELEMENT FOR AN ENERGY STORAGE MODULE, METHOD FOR PRODUCING SAME, AND ENERGY STORAGE MODULE
<a href="#">WO2011155781 A2</a>	ROUTE JJ CO LTE [KR] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR A LITHIUM SECONDARY BATTERY, METHOD FOR PRODUCING SAME AND LITHIUM SECONDARY BATTERY COMPRISING SAME
<a href="#">WO2011155523 A1</a>	TODA KOGYO CORP [JP] et al.	LITHIUM COMPOSITE COMPOUND PARTICLE POWDER, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO2011155369 A1</a>	AUTONETWORKS TECHNOLOGIES LTD [JP] et al.	BATTERY CONNECTING PLATE
<a href="#">WO2011155298 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	SYSTEM AND METHOD FOR DETERMINATION OF DETERIORATION OF LITHIUM ION SECONDARY BATTERY
<a href="#">WO2011155060 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM SECONDARY BATTERY AND PRODUCTION METHOD FOR SAME
<a href="#">WO2011155051 A1</a>	TOYOTA MOTOR CO LTD [JP], KIMURA MASARU [JP]	CHARGE CONTROL SYSTEM
<a href="#">WO2011155014 A1</a>	TOYOTA MOTOR CO LTD [JP], ANG WANLENG [JP]	POWER OUTPUT CONTROL DEVICE FOR VEHICLE AND POWER OUTPUT CONTROL METHOD FOR VEHICLE

<a href="#">WO2011154777 A1</a>	LING PUI TSANG PETER [CN]	BATTERY WITH OVER-PRESSURE PROTECTION ARRANGEMENT
<a href="#">WO2011154456 A1</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	BATTERY HAVING PASSIVE CORROSION PROTECTION
<a href="#">WO2011152244 A1</a>	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	ALLOY NEGATIVE ELECTRODE FOR LITHIUM BATTERY AND PROCESS FOR PRODUCTION THEREOF, AND LITHIUM BATTERY
<a href="#">WO2011152241 A1</a>	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	CURRENT COLLECTOR FOR NON-AQUEOUS ELECTROLYTE BATTERY, ELECTRODE FOR NON-AQUEOUS ELECTROLYTE BATTERY, AND NON- AQUEOUS ELECTROLYTE BATTERY

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## SUPERCONDENSADORES

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<a href="#">WO2012035231 A2</a>	PEUGEOT CITROEN AUTOMOBILES SA [FR], CINNERI PATRICE [FR]	METHOD FOR CONTROLLING A MAN/MACHINE INTERFACE OF A MOTOR VEHICLE
<a href="#">WO2012034789 A2</a>	SB LIMOTIVE CO LTD [KR] et al.	METHOD AND CIRCUIT ARRANGEMENT FOR CHARGING AN INTERMEDIATE CIRCUIT CAPACITOR
<a href="#">WO2012032240 A1</a>	RENAULT SA [FR] et al.	DEVICE AND METHOD FOR LIMITING LEAKAGE CURRENTS
<a href="#">WO2012021289 A1</a>	MASSACHUSETTS INST TECHNOLOGY [US] et al.	FLEXIBLE CONDUCTING POLYMER ENERGY STORAGE DEVICE
<a href="#">WO2012018269 A1</a>	AUCKLAND UNISERVICES LTD [NZ] et al.	INDUCTIVE POWER RECEIVER APPARATUS
<a href="#">WO2012015068 A1</a>	FDK CORP [JP], WATANABE KATSUHIKO [JP]	POWER STORAGE MODULE
<a href="#">WO2012013254 A1</a>	SEW EURODRIVE GMBH & CO [DE] et al.	ARRANGEMENT AND ENERGY STORE COMPRISING AN ARRANGEMENT FOR REGULATING THE TEMPERATURE OF, MORE PARTICULARLY COOLING, HEAT-GENERATING COMPONENTS
<a href="#">WO2012010950 A2</a>	TOYOTA MOTOR CO LTD [JP], ANG WANLENG [JP]	CONTROL DEVICE FOR HYBRID VEHICLE, AND HYBRID VEHICLE EQUIPPED WITH CONTROL DEVICE
<a href="#">WO2012001810 A1</a>	SHIMIZU KANJI [JP] et al.	APPARATUS FOR CHARGING THIN FILM CAPACITOR
<a href="#">WO2011162806 A2</a>	UNIV LELAND STANFORD JUNIOR [US] et al.	HIGH ENERGY STORAGE CAPACITOR BY EMBEDDING TUNNELING NANO-STRUCTURES

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<a href="#">WO2012034740 A1</a>	BOSCH GMBH ROBERT [DE] et al.	HYDRAULIC BRAKE SYSTEM AND METHOD FOR OPERATING THE LATTER
<a href="#">WO2012032897 A1</a>	BOSCH CORP [JP] et al.	VEHICULAR BRAKING APPARATUS AND METHOD FOR CONTROLLING VEHICULAR BRAKING APPARATUS
<a href="#">WO2012029100 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	BRAKING FORCE CONTROL DEVICE FOR VEHICLE
<a href="#">WO2012020348 A2</a>	PROTEAN ELECTRIC LTD [GB], MARTIN TIM [GB]	ELECTRIC MOTOR AND METHOD OF BRAKING USING AN ELECTRIC MOTOR
<a href="#">WO2012019820 A1</a>	BOSCH GMBH ROBERT [DE], SCHMIDT MATTHIAS [DE]	METHOD FOR OPERATING A VEHICLE ELECTRICAL SYSTEM, CONTROLLER, AND COMPUTER PROGRAM PRODUCT
<a href="#">WO2012019802 A1</a>	BOSCH GMBH ROBERT [DE] et al.	COUPLING DEVICE FOR CONNECTING A BRAKE INPUT ELEMENT TO A MAIN BRAKE CYLINDER AND METHOD FOR OPERATING SUCH A COUPLING DEVICE
<a href="#">WO2012018080 A1</a>	HONDA MOTOR CO LTD [JP] et al.	VEHICLE BRAKING SYSTEM
<a href="#">WO2012017602 A1</a>	PANASONIC CORP [JP], AKIMASA KOJI	VEHICLE POWER SOURCE DEVICE
<a href="#">WO2012016769 A2</a>	SIEMENS AG [DE] et al.	ENERGY STORAGE DEVICE AND OPERATING METHOD
<a href="#">WO2012013982 A2</a>	INSPIRIT ENERGY LTD [GB], KNILL ALEXANDER CHARLES [GB]	QUASI-RESONANT BRAKING LOAD
<a href="#">WO2012012023 A1</a>	ELECTRIC TRANSP ENGINEERING CORP [US] et al.	RESERVATION SYSTEM FOR ELECTRIC VEHICLE CHARGING STATIONS AND METHOD OF USING THE SAME
<a href="#">WO2012012022 A2</a>	ELECTRIC TRANSP ENGINEERING CORP [US] et al.	CONTROL SYSTEM FOR ELECTRIC VEHICLE CHARGING STATIONS AND METHOD OF USING THE SAME
<a href="#">WO2012012021 A1</a>	ELECTRIC TRANSP ENGINEERING CORP [US] et al.	SYSTEM FOR INTERFACING WITH AN ELECTRIC VEHICLE CHARGING STATION AND METHOD OF USING AND PROVIDING THE SAME
<a href="#">WO2012012008 A2</a>	ELECTRIC TRANSP ENGINEERING CORP [US], KARNER DONALD B [US]	SYSTEM FOR ADVERTISING AND COMMUNICATING AT A VEHICLE CHARGING STATION AND METHOD OF USING THE SAME
<a href="#">WO2012010615 A1</a>	BOSCH GMBH ROBERT [DE], FALKENSTEIN JENS-WERNER [DE]	METHOD AND DEVICE FOR OPERATING A VEHICLE WHICH COMPRISES AT LEAST ONE ELECTRIC MACHINE
<a href="#">WO2012004842 A1</a>	PIONEER CORP [JP], TAMURA YUICHI [JP]	DRIVING MANEUVER ASSISTANCE DEVICE AND DRIVING MANEUVER ASSISTANCE METHOD
<a href="#">WO2012003273 A2</a>	KELSEY HAYES CO [US], GONYOU JEREMIAH [US]	POSITION SENSING ASSEMBLY FOR USE WITH A VEHICLE HYDRAULIC MASTER CYLINDER OF A VEHICLE BRAKING SYSTEM AND MASTER CYLINDER ASSEMBLY INCLUDING SUCH A POSITION SENSING ASSEMBLY
<a href="#">WO2012000795 A1</a>	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE], ERSOY METIN [DE]	ELECTRIC VEHICLE
<a href="#">WO2011157347 A1</a>	LUCAS AUTOMOTIVE GMBH [DE], LINDEN CHRISTOPH [DE]	HYDRAULIC PRESSURE GENERATOR FOR A VEHICLE BRAKE SYSTEM, VEHICLE BRAKE SYSTEM HAVING SUCH A HYDRAULIC PRESSURE GENERATOR, AND METHOD FOR OPERATING THE HYDRAULIC PRESSURE GENERATOR

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## MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO2012036945 A2</a>	REMY TECHNOLOGIES L L C [US], BRADFIELD MICHAEL D [US]	PERMANENT MAGNET ROTOR FOR ELECTRIC MACHINE
<a href="#">WO2012034792 A1</a>	SB LIMOTIVE CO LTD [KR] et al.	BATTERY HAVING CELL VOLTAGE AND BATTERY CURRENT DETECTION AND COMPRISING ONLY ONE ELECTRICAL ISOLATION DEVICE
<a href="#">WO2012034439 A1</a>	SHANGHAI ZHONGKE SHENJIANG ELECTRIC VEHICLE CO LTD [CN], YUAN YIQING [CN]	DUAL-ROTOR MOTOR FOR ELECTRIC AUTOMOBILE, ASSOCIATED STEPLESS SPEED CHANGE SYSTEM WITH PLANET GEAR AND CONTROL METHOD
<a href="#">WO2012033047 A1</a>	AISIN AW CO [JP] et al.	CONTROL DEVICE
<a href="#">WO2012032961 A1</a>	DAIHATSU MOTOR CO LTD [JP] et al.	MAGNETIC MATERIAL AND METHOD FOR PRODUCING SAME
<a href="#">WO2012032605 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	CONTROL APPARATUS FOR VEHICLE DRIVING APPARATUS
<a href="#">WO2012031039 A2</a>	NIKOLIC ZIVOTA [US]	ELECTRIC GENERATOR
<a href="#">WO2012029748 A1</a>	NAMIKI PRECISION JEWEL CO LTD [JP] et al.	R-FE-B RARE EARTH SINTERED MAGNETS AND METHOD FOR MANUFACTURING SAME, MANUFACTURING DEVICE, MOTOR OR GENERATOR
<a href="#">WO2012029738 A1</a>	HITACHI LTD [JP] et al.	SINTERED MAGNET
<a href="#">WO2012029707 A1</a>	MITSUBISHI ELECTRIC CORP [JP] et al.	HYBRID AUTOMOBILE
<a href="#">WO2012029527 A1</a>	SHOWA DENKO KK [JP] et al.	ALLOY MATERIAL FOR R-T-B-BASED RARE EARTH PERMANENT MAGNET, PRODUCTION METHOD FOR R-T-B-BASED RARE EARTH PERMANENT MAGNET, AND MOTOR
<a href="#">WO2012029341 A1</a>	OKAMOTO AKIHIKO [JP]	ENERGY REGENERATION DEVICE FOR EITHER HYBRID VEHICLE OR ELECTRIC AUTOMOBILE
<a href="#">WO2012027278 A2</a>	REMY TECHNOLOGIES L L C [US], CREVISTON ALEX [US]	DISK STYLE CENTRIFUGAL PUMP
<a href="#">WO2012026889 A1</a>	SIOP ELEKTRONIKA D O O [SI], FRANTAR JANEZ [SI]	ELECTRIC MOTOR
<a href="#">WO2012026204 A1</a>	HONDA MOTOR CO LTD [JP] et al.	LIQUID FLOW PATH CONTROL DEVICE FOR DRIVE DEVICE FOR VEHICLE
<a href="#">WO2012026196 A1</a>	HONDA MOTOR CO LTD [JP] et al.	VEHICLE DRIVE DEVICE
<a href="#">WO2012026003 A1</a>	TOYOTA MOTOR CO LTD [JP] et al.	ROTOR
<a href="#">WO2012025124 A1</a>	SOEBERG JESPER [DK]	FREE-PISTON ENGINE WITH LINEAR POWER GENERATOR
<a href="#">WO2012024476 A2</a>	REMY TECHNOLOGIES L L C [US], CREVISTON ALEX [US]	REJECT HEAT DRIVEN ABSORPTION COOLING CYCLE
<a href="#">WO2012023245 A1</a>	NIDEC CORP [JP] et al.	MOTOR
<a href="#">WO2012022864 A2</a>	VALEO EQUIP ELECTR MOTEUR [FR] et al.	SYNCHRONOUS ROTARY ELECTRIC MACHINE HAVING A HYBRID-EXCITATION ROTOR
<a href="#">WO2012022863 A2</a>	VALEO EQUIP ELECTR MOTEUR [FR] et al.	SYNCHRONOUS ROTARY ELECTRIC MACHINE HAVING HYBRID-EXCITATION ROTOR
<a href="#">WO2012022733 A2</a>	BOSCH GMBH ROBERT [DE], MEYER CHRISTIAN [DE]	CONTACT DEVICE IN A STATOR OF AN ELECTRICAL MACHINE
<a href="#">WO2012022523 A1</a>	BOSCH GMBH ROBERT [DE], MEYER CHRISTIAN [DE]	CONTACT DEVICE IN A STATOR OF AN ELECTRIC MACHINE
<a href="#">WO2012022521 A1</a>	BOSCH GMBH ROBERT [DE], MEYER CHRISTIAN [DE]	CONTACT DEVICE IN A STATOR OF AN ELECTRIC MACHINE
<a href="#">WO2012022455 A1</a>	AVL LIST GMBH [AT], FISCHER ROBERT [AT]	METHOD FOR STARTING INTERNAL POWER GENERATION IN AN ELECTRIC VEHICLE
<a href="#">WO2012022454 A1</a>	AVL LIST GMBH [AT], FISCHER ROBERT [AT]	METHOD FOR OPERATING AN ELECTRIC VEHICLE
<a href="#">WO2012020349 A2</a>	PROTEAN ELECTRIC LTD [GB], JAGANJAC ESAD [GB]	SEALING ARRANGEMENT FOR AN ELECTRIC MOTOR OR GENERATOR
<a href="#">WO2012019690 A2</a>	VOLKSWAGEN AG [DE] et al.	DRIVE UNIT FOR A VEHICLE WHEEL, VEHICLE WHEEL, AND METHOD FOR DRIVING A VEHICLE WHEEL

<a href="#">WO2012019669 A2</a>	EBM PAPST ST GEORGEN GMBH & CO [DE] et al.	ELECTRONICALLY COMMUTATED MOTOR
<a href="#">WO2012018928 A1</a>	FISKER AUTOMOTIVE INC [US] et al.	VEHICLE OPERATION MODE SYSTEMS AND METHODS
<a href="#">WO2012018027 A1</a>	AISIN AW CO [JP] et al.	HYBRID DRIVE DEVICE
<a href="#">WO2012017770 A1</a>	AISIN AW CO [JP] et al.	ROTARY ELECTRIC MACHINE AND VEHICLE DRIVE DEVICE
<a href="#">WO2012017767 A1</a>	AISIN AW CO [JP] et al.	VEHICULAR DRIVE SYSTEM
<a href="#">WO2012017207 A2</a>	PROTEAN ELECTRIC LTD [GB], JAGANJAC ESAD [GB]	INTERLOCKING ARRANGEMENT FOR ELECTRIC MOTOR
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<a href="#">WO2012014728 A1</a>	NISSAN MOTOR [JP], NAKADA TOHRU	ROTOR FOR ELECTRIC MOTOR
<a href="#">WO2012014698 A1</a>	NISSAN MOTOR [JP], ZUSHI YUSUKE	ELECTRIC DRIVE UNIT
<a href="#">WO2012014260 A1</a>	HITACHI LTD [JP] et al.	ROTATING ELECTRICAL MACHINE, AND ELECTRIC VEHICLE USING SAME
<a href="#">WO2012014233 A1</a>	TECNOMATIC SPA [IT], GUERCIONI SANTE [IT]	APPARATUS FOR TWISTING ELECTRICAL BAR CONDUCTORS, IN PARTICULAR FOR BAR WINDINGS OF ELECTRICAL MACHINES, WITH CONDUCTOR' S CLAMPING SYSTEM
<a href="#">WO2012013885 A1</a>	VALEO EQUIP ELECTR MOTEUR [FR] et al.	SYNCHRONOUS ROTARY ELECTRIC MACHINE HAVING A DOUBLE EXCITATION ROTOR
<a href="#">WO2012013705 A1</a>	MICHELIN SOC TECH [FR] et al.	INSTALLATION OF A RESOLVER IN A ROTATING ELECTRICAL MACHINE
<a href="#">WO2012013447 A2</a>	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	METHOD AND DEVICE FOR REGULATING SEPARATELY EXCITED SYNCHRONOUS MACHINES
<a href="#">WO2012012464 A2</a>	REMY TECHNOLOGIES LLC [US], MEYER ANDREW [US]	COOLING SYSTEM AND METHOD FOR AN ELECTRIC MACHINE MODULE
<a href="#">WO2012011495 A1</a>	NISSAN MOTOR [JP], OKUDA TADASHI [JP]	HYBRID-VEHICLE CONTROL DEVICE
<a href="#">WO2012011493 A1</a>	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ROTARY ELECTRICAL MACHINE AND VEHICLE PROVIDED WITH ROTARY ELECTRICAL MACHINE
<a href="#">WO2012011299 A1</a>	TOSHIBA KK [JP] et al.	ROTATIONAL ELECTRIC MACHINE STATOR AND ROTATIONAL ELECTRIC MACHINE
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<a href="#">WO2012024409 A2</a>	REMY TECHNOLOGIES L L C [US], CREVISTON ALEX [US]	AUXILIARY DEVICE USING PRIMARY INVERTER FEEDS
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<a href="#">WO2012008137 A1</a>	KAWAMURA HIDEO [JP], KAWAMURA MASAYO [JP]	CONTROLLER AND SYSTEMS OF PERMANENT MAGNET ALTERNATOR AND MOTOR
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<a href="#">WO2012032835 A1</a>	TOYOTA JIDOSHOKKI KK [JP], INUZUKA HIROYUKI [JP]	TIMER CHARGE CONTROL METHOD, VEHICLE, AND CHARGE STATION
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<a href="#">WO2012031617 A1</a>	COROPLAST FRITZ MUELLER GMBH [DE], ZAPPE FRANK [DE]	CABLE STORE FOR A CHARGING CABLE OF A HYBRID OR BATTERY ELECTRIC VEHICLE, AND ELECTRIC VEHICLE, IN PARTICULAR ELECTRIC CAR, HAVING SUCH A CABLE STORE
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<a href="#">WO2012025256 A1</a>	SIEMENS AG [DE] et al.	DRIVE SYSTEM FOR A BATTERY-OPERATED VEHICLE
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<a href="#">WO2012023564 A1</a>	mitsubishi heavy ind ltd [JP] et al.	MANAGEMENT DEVICE, METHOD OF MANAGEMENT, COMPUTER PROGRAM, MANAGEMENT SYSTEM, AND MANAGEMENT METHOD
<a href="#">WO2012023477 A1</a>	JX NIPPON OIL & ENERGY CORP [JP] et al.	ENERGY STORAGE APPARATUS
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