

Noticias

La Oficina Española de Patentes y Marcas (OEPM) participó en el Salón Vehículo y Combustible Alternativos, celebrado en la Feria de Valladolid del 4 al 6 de octubre de 2012. La OEPM contó con un stand, donde se atendieron las dudas del público asistente y se presentaron los Boletines del Coche Eléctrico y del Coche Inteligente.

Además, participó en las Jornadas Técnicas con una ponencia que repasaba los diferentes títulos de Propiedad Industrial, centrándose a continuación en los Servicios de Información Tecnológica ofrecidos por la OEPM. Dichos Servicios de IT incluyen las bases de datos, búsquedas retrospectivas, informes de vigilancia tecnológica, boletines e informes tecnológicos de patentes. La exposición concluyó con la presentación de los datos relativos a la última convocatoria de subvenciones de la OEPM, tanto para solicitudes de patentes y modelos de utilidad nacionales como para la internacionalización de patentes.

Durante la feria pudieron probarse diferentes vehículos eléctricos o híbridos,

entre los que destacaron el Renault Twizy, el Renault Kangoo, el Nissan Leaf, el Chevrolet Volt, o los modelos de Citroën C-Zero y DS-5. En la zona de pruebas estaban también disponibles bicicletas, motocicletas y karts eléctricos.

Por otro lado, el Ministerio de Industria, Energía y Turismo pone en marcha el Programa de Incentivos al Vehículo Eficiente (PIVE), cuyo objetivo es la sustitución de 75.000 vehículos, turismos y comerciales ligeros, con más de doce años y diez años de antigüedad respectivamente, por modelos de alta eficiencia energética, de menor consumo de combustibles y emisiones de CO₂. El programa arranca el día 1 de octubre de 2012 y se prolongará hasta el 31 de marzo de 2013 ó hasta el agotamiento de los fondos.

Los vehículos híbridos, híbridos enchufables, eléctricos de autonomía extendida y eléctricos puros son susceptibles de recibir la ayuda prevista por el Ministerio de Industria, Energía y Turismo.

CONTENIDO:

- **TECNOLOGÍAS VEHICULARES**
 - [Baterías](#)
 - [Supercondensadores](#)
 - [Sistemas de recuperación de energía, p.ej. frenos regenerativos](#)
 - [Máquinas eléctricas](#)
 - [Convertidores, inversores](#)
- **INFRAESTRUCTURAS DE CARGA**
 - [Recarga de baterías](#)
 - [Cambio de baterías](#)

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
WO2012124687 A1	SANYO ELECTRIC CO [JP] et al.	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME
WO2012124602 A1	NISSAN MOTOR [JP] et al.	METHOD FOR PRE-PROCESSING LITHIUM ION SECONDARY BATTERY
WO2012124568 A1	NISSAN MOTOR [JP] et al.	VEHICLE BATTERY
WO2012124481 A1	NISSAN MOTOR [JP] et al.	BATTERY MODULE
WO2012124478 A1	NISSAN MOTOR [JP] et al.	BATTERY TEMPERATURE CONTROL DEVICE
WO2012124468 A1	SHIN KOBE ELECTRIC MACHINERY [JP] et al.	LITHIUM SECONDARY CELL
WO2012124240 A1	SANYO ELECTRIC CO [JP] et al.	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012124108 A1	TOYOTA MOTOR CO LTD [JP], MIYAKE HIDEAKI [JP]	SOLID-STATE BATTERY AND SOLID-STATE BATTERY MANUFACTURING METHOD
WO2012124033 A1	TOYOTA MOTOR CO LTD [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY AND MANUFACTURING METHOD THEREOF
WO2012123992 A1	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRICAL STORAGE DEVICE
WO2012123286 A1	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	ELECTRICAL BATTERY AND METHOD FOR MEASURING THE CELL VOLTAGES IN AN ELECTRICAL BATTERY
WO2012123065 A1	LI TEC BATTERY GMBH [DE] et al.	ENERGY STORAGE DEVICE
WO2012123064 A2	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	ENERGY STORAGE DEVICE, ENERGY STORAGE CELLS AND HEAT-CONDUCTING ELEMENT
WO2012122310 A1	TRILLIANT NETWORKS INC [US] et al.	SYSTEM AND METHOD FOR MANAGING LOAD DISTRIBUTION ACROSS A POWER GRID
WO2012121505 A2	LG CHEMICAL LTD [KR] et al.	BATTERY PACK PROVIDED WITH STABLE MEASUREMENT MEANS
WO2012121407 A1	KUREHA CORP [JP] et al.	CARBONACEOUS MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY NEGATIVE ELECTRODE
WO2012121240 A1	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICES
WO2012121110 A1	SUMITOMO OSAKA CEMENT CO LTD [JP] et al.	ELECTRODE ACTIVE SUBSTANCE AND METHOD FOR PRODUCING SAME
WO2012121062 A1	NISSAN MOTOR [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES
WO2012120974 A1	AUTONETWORKS TECHNOLOGIES LTD [JP] et al.	CELL CONNECTION ASSEMBLY
WO2012120929 A1	NEC CORP [JP] et al.	ELECTRODE ACTIVE MATERIAL AND SECONDARY CELL
WO2012120620 A1	HITACHI LTD [JP] et al.	BATTERY STATE ESTIMATING METHOD AND BATTERY MANAGEMENT SYSTEM

WO2012120590 A1	TOYOTA MOTOR CO LTD [JP], KAWAKAMI YOSHIKI [JP]	VEHICLE CONTROL APPARATUS
WO2012119886 A1	SB LIMOTIVE CO LTD [KR] et al.	CONNECTOR FOR PRODUCING AN ELECTRICALLY CONDUCTIVE CONNECTION BETWEEN AT LEAST THREE TERMINALS OF BATTERY CELLS
WO2012118338 A2	LG CHEMICAL LTD [KR] et al.	INTEGRATED ELECTRODE ASSEMBLY AND SECONDARY BATTERY USING SAME
WO2012118306 A2	KANG TAE IN [KR] et al.	APPARATUS AND METHOD FOR MANUFACTURING A BATTERY TERMINAL PLATE
WO2012118244 A1	MOTEK CO LTD [KR], CHOUL-YOUNG KIM [KR]	VACUUM DRYING APPARATUS OF ELECTRODE PLATE FOR SECONDARY BATTERY AND DRYING METHOD THEREFOR
WO2012118127 A1	SHARP KK [JP] et al.	NONAQUEOUS SECONDARY BATTERY
WO2012118117 A1	mitsui mining & smelting co [jp] et al.	SPINEL-TYPE LITHIUM MANGANESE-BASED COMPOSITE OXIDE
WO2012118015 A1	SANYO ELECTRIC CO [JP] et al.	ELECTRICAL POWER SUPPLY AND VEHICLE USING FORCED-COOLING STACKED STORAGE CELL
WO2012117989 A1	SANYO ELECTRIC CO [JP] et al.	ALKALINE STORAGE BATTERY
WO2012117911 A1	SANYO ELECTRIC CO [JP], IWANAGA MASATO [JP]	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012117826 A1	TOYOTA CHUO KENKYUSHO KK [JP], SHIGA TOHRU [JP]	NONAQUEOUS-ELECTROLYTE HALOGEN CELL
WO2012117697 A1	NIFCO INC [JP], ICHIMARU TAKAHIDE [JP]	PIPE STRUCTURE, AND BATTERY TEMPERATURE REGULATING SYSTEM USING SAME
WO2012117660 A1	PANASONIC CORP [JP], IKEDA MITSUHIRO	SECONDARY CELL AND METHOD FOR TESTING SECONDARY CELL
WO2012117557 A1	TOYOTA MOTOR CO LTD [JP] et al.	NONAQUEOUS ELECTROLYTIC-SOLUTION RECHARGEABLE BATTERY
WO2012117555 A1	KYUSHU ELECTRIC POWER [JP], OOKUMA YASUHIKO [JP]	ELECTRICITY SUPPLY DEVICE AND ELECTRICITY SUPPLY SYSTEM
WO2012117173 A1	RENAULT SA [FR] et al.	SYSTEM FOR CONNECTING A POWER-SUPPLY BATTERY OF A MOTOR VEHICLE
WO2012116156 A2	SION POWER CORP [US] et al.	POROUS STRUCTURES FOR ENERGY STORAGE DEVICES
WO2012115411 A2	LG CHEMICAL LTD [KR] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL HAVING IMPROVED OUTPUT CHARACTERISTICS, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
WO2012115393 A2	SK INNOVATION CO LTD [KR], LIM JAE HWAN [KR]	SOC CORRECTING SYSTEM HAVING MULTIPLE PACKS IN PARALLEL
WO2012115351 A2	LG CHEMICAL LTD [KR] et al.	COOLING MEMBER HAVING IMPROVED COOLING EFFICIENCY, AND BATTERY MODULE INCLUDING SAME
WO2012114905 A1	TOSHIBA KK [JP] et al.	NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY
WO2012114904 A1	TOSHIBA KK [JP] et al.	NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY
WO2012114739 A1	PANASONIC CORP [JP] et al.	PLANAR HEATING ELEMENT
WO2012114697 A1	PANASONIC CORP [JP] et al.	SQUARE CELL
WO2012114677 A1	PANASONIC CORP [JP] et al.	NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERY
WO2012114590 A1	SANYO ELECTRIC CO [JP] et al.	ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, METHOD FOR PRODUCING SAME, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

WO2012114586 A1	HITACHI LTD [JP], KAGA YUSUKE [JP]	LITHIUM ION CELL
WO2012114502 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	POSITIVE ELECTRODE FOR LITHIUM-ION RECHARGEABLE BATTERIES, LITHIUM-ION RECHARGEABLE BATTERY, AND BATTERY MODULE
WO2012114497 A1	TOYOTA MOTOR CO LTD [JP], TANAKA KATSUHISA [JP]	SOLID CELL
WO2012114453 A1	TOYOTA MOTOR CO LTD [JP], NAKANISHI SHINJI [JP]	NON-AQUEOUS ELECTROLYTE AIR CELL
WO2012113930 A1	BEHR GMBH & CO KG [DE] et al.	TEMPERATURE-CONTROL DEVICE AND METHOD FOR THE TEMPERATURE CONTROL OF AN ENERGY STORE
WO2012113736 A1	CHENE RICHARD [FR] et al.	MOTOR VEHICLE HAVING THREE MOTORS, I.E. AN ELECTRIC MOTOR, A HYDRAULIC MOTOR, AND A HEAT ENGINE, AND METHOD FOR MANAGING THE ENERGY STORED ONBOARD
WO2012112229 A2	LOS ALAMOS NAT SECURITY LLC [US] et al.	ANTI-PEROVSKITE SOLID ELECTROLYTE COMPOSITIONS
WO2012112006 A2	LG CHEMICAL LTD [KR] et al.	CABLE-TYPE SECONDARY BATTERY
WO2012111951 A2	LG CHEMICAL LTD [KR] et al.	CATHODE MIXTURE FOR SECONDARY BATTERY AND SECONDARY BATTERY COMPRISING SAME
WO2012111919 A2	LG CHEMICAL LTD [KR] et al.	METHOD FOR PREPARING ANODE ACTIVE MATERIAL
WO2012111815 A1	TOSHIBA KK [JP] et al.	METHOD FOR MANUFACTURING ELECTRODE AND METHOD FOR MANUFACTURING BATTERY
WO2012111813 A1	TOSHIBA KK [JP] et al.	POSITIVE POLE, NON-AQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK
WO2012111766 A1	TOSOH CORP [JP] et al.	ELECTROLYTIC MANGANESE DIOXIDE AND METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING LITHIUM-MANGANESE COMPLEX OXIDE
WO2012111747 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	METHOD OF MANUFACTURING ELECTRODE FOR ELECTROCHEMICAL ELEMENT
WO2012111614 A1	mitsui mining & smelting co [JP] et al.	LITHIUM-MANGANESE-TYPE SOLID SOLUTION POSITIVE ELECTRODE MATERIAL
WO2012111508 A1	mitsubishi electric corp [JP] et al.	REGENERATIVE POWER SUPPLY SYSTEM
WO2012111410 A1	mitsubishi heavy ind ltd [JP] et al.	ELECTRIC CELL SYSTEM
WO2012111294 A1	PANASONIC corp [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, AND MANUFACTURING METHOD FOR SAME
WO2012111293 A1	PANASONIC corp [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, AND MANUFACTURING METHOD FOR SAME
WO2012111134 A1	FUJITSU LTD [JP] et al.	FILTER AND AIR CELL
WO2012111116 A1	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY AND METHOD FOR PRODUCING SAME
WO2012111101 A1	FUJITSU LTD [JP] et al.	AIR SECONDARY BATTERY
WO2012111085 A1	TOYOTA MOTOR CO LTD [JP], ICHIKAWA SHINJI [JP]	NON-CONTACT POWER RECEIVING APPARATUS, VEHICLE HAVING THE NON-CONTACT POWER RECEIVING APPARATUS MOUNTED THEREIN, NON-CONTACT POWER SUPPLY EQUIPMENT, METHOD FOR CONTROLLING NON-CONTACT POWER RECEIVING APPARATUS, AND METHOD FOR CONTROLLING NON-CONTACT
WO2012111077 A1	TOYOTA MOTOR CO LTD [JP] et al.	SECONDARY CELL AND BATTERY ASSEMBLY
WO2012111036 A1	TOYOTA MOTOR CO LTD [JP] et al.	MISASSEMBLY DIAGNOSIS DEVICE FOR STORAGE STACK AND VEHICLE

WO2012110611 A1	SB LIMOTIVE GERMANY GMBH [DE] et al.	METHOD FOR MONITORING A BATTERY PACK, BATTERY WITH A MONITORING MODULE AND A MOTOR VEHICLE WITH A CORRESPONDING BATTERY
WO2012110195 A1	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	METHOD FOR PRODUCING ELECTRODES
WO2012110168 A1	BOSCH GMBH ROBERT [DE] et al.	BATTERY CELL
WO2012110077 A1	SIEMENS AG [DE] et al.	LOCKING DEVICE FOR A CLOSURE FLAP
WO2012108134 A1	NISSHIN STEEL CO LTD [JP] et al.	BATTERY EXTERIOR LAMINATED BODY AND SECONDARY BATTERY
WO2012107957 A1	SUZUKI MOTOR CORP [JP] et al.	DRIVE SOURCE CONTROL DEVICE FOR HYBRID VEHICLE, DRIVE SOURCE CONTROL METHOD FOR HYBRID VEHICLE, AND HYBRID VEHICLE
WO2012107586 A1	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	APPARATUS INCLUDING TWO BATTERIES CONNECTED IN PARALLEL
WO2012107365 A1	SB LIMOTIVE CO LTD [KR] et al.	BATTERY CELL MODULE AND METHOD FOR PRODUCING THE BATTERY CELL MODULE
WO2012107198 A2	AUDI NSU AUTO UNION AG [DE], RITTER BERND [DE]	METHOD FOR MONITORING THE USE OF AN ELECTROCHEMICAL ENERGY ACCUMULATOR IN A MOTOR VEHICLE AND MOTOR VEHICLE
WO2012105901 A1	QUNANO AB [SE] et al.	LITHIUM-ION BATTERY COMPRISING NANOWIRES
WO2012105363 A1	SANYO ELECTRIC CO [JP] et al.	CYLINDRICALLY SHAPED SEALED BATTERY
WO2012105362 A1	SANYO ELECTRIC CO [JP], SUWA HIROMITSU [JP]	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012105190 A1	PANASONIC CORP [JP] et al.	LEAD STORAGE BATTERY
WO2012105177 A1	NITTO DENKO CORP [JP] et al.	ASSEMBLED BATTERY DEVICE
WO2012105052 A1	TOYOTA MOTOR CO LTD [JP], TSUJIKO AKIRA [JP]	SECONDARY BATTERY
WO2012105048 A1	TOYOTA MOTOR CO LTD [JP], TOMURA SEIJI [JP]	COATED ACTIVE MATERIAL, BATTERY, AND METHOD FOR PRODUCING COATED ACTIVE MATERIAL
WO2012105045 A1	SUZUKI MOTOR CORP [JP] et al.	DRIVE CONTROL DEVICE OF HYBRID VEHICLE
WO2012105033 A1	TOYOTA MOTOR CO LTD [JP] et al.	BATTERY AND METHOD FOR MANUFACTURING SAME
WO2012105020 A1	TOYOTA MOTOR CO LTD [JP] et al.	DEVICE FOR CONTROLLING POWER OUTPUT OF SECONDARY CELLS
WO2012105009 A1	TOYOTA MOTOR CO LTD [JP], MIKI NARIAKI [JP]	COMPOSITE ACTIVE MATERIAL, METHOD FOR MANUFACTURING COMPOSITE ACTIVE MATERIAL, AND ELECTRIC CELL
WO2012104721 A1	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE EQUIPMENT MOUNTING STRUCTURE
WO2012104324 A1	BAYERISCHE MOTOREN WERKE AG [DE] et al.	JUMP START DEVICE FOR A MOTOR VEHICLE
WO2012104192 A1	BAYERISCHE MOTOREN WERKE AG [DE] et al.	DEVICE AND METHOD FOR STABILISING VOLTAGE APPLIED TO A FIRST ELECTRIC CONSUMER ARRANGED IN A VEHICLE ELECTRICAL SYSTEM
WO2012102654 A1	PARKER HANNIFIN AB [SE], ROEST MARCUS [SE]	HYDRAULIC ACCUMULATOR SYSTEM
WO2012102548 A2	LG CHEMICAL LTD [KR] et al.	CYLINDRICAL SECONDARY BATTERY

WO2012102496 A2	LG CHEMICAL LTD [KR] et al.	COOLING ELEMENT HAVING IMPROVED ASSEMBLY PRODUCTIVITY AND BATTERY MODULES INCLUDING SAME
WO2012102373 A1	AUTONETWORKS TECHNOLOGIES LTD [JP] et al.	BATTERY CONNECTION ASSEMBLY
WO2012102302 A1	MEIDENSHA ELECTRIC MFG CO LTD [JP], MORITA KAZUNORI	CONTACTLESS POWER FEEDING APPARATUS AND CONTACTLESS POWER FEEDING METHOD
WO2012102279 A1	NIFCO INC [JP] et al.	CLIP FOR ATTACHING BATTERY TEMPERATURE SENSOR
WO2012102220 A1	SHARP KK [JP] et al.	NON-AQUEOUS SECONDARY BATTERY
WO2012102177 A1	SHARP KK [JP] et al.	CHARGER, CONTROL METHOD AND CONTROL PROGRAM FOR CHARGER, AND RECORDING MEDIUM
WO2012102160 A1	NEOMAX MATERIALS CO LTD [JP] et al.	CONNECTION PLATE FOR CELL TERMINAL AND METHOD FOR MANUFACTURING CONNECTION PLATE FOR CELL TERMINAL
WO2012102128 A1	SONY CORP [JP], HOTTA SHIN [JP]	BATTERY PACK AND POWER CONSUMING DEVICE
WO2012102008 A1	PANASONIC CORP [JP] et al.	COIL UNIT USED IN NONCONTACT ELECTRIC-POWER-SUPPLYING SYSTEM
WO2012101954 A1	NIFCO INC [JP], NAKAYA HIROYUKI [JP]	BATTERY PACK
WO2012101950 A1	SANYO ELECTRIC CO [JP] et al.	POSITIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, METHOD FOR PRODUCING THE POSITIVE ELECTRODE, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING THE POSITIVE ELECTRODE
WO2012101949 A1	SANYO ELECTRIC CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, PRODUCTION METHOD FOR SAME, POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAID POSITIVE ELECTRODE ACTIVE MATERIAL, AND NON-AQUEOUS ELECTROLYTE
WO2012101948 A1	SANYO ELECTRIC CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, PRODUCTION METHOD FOR SAME, POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAID POSITIVE ELECTRODE ACTIVE MATERIAL, AND NON-AQUEOUS ELECTROLYTE
WO2012101816 A1	TOYOTA MOTOR CO LTD [JP], UMEHARA MASAKAZU [JP]	SECONDARY BATTERY, AND ELECTRODE SHEET CUTTING APPARATUS
WO2012101693 A1	PANASONIC CORP [JP] et al.	NEGATIVE ELECTRODE COLLECTOR FOR LITHIUM ION BATTERIES, AND LITHIUM ION BATTERY
WO2012101678 A1	TOYOTA MOTOR CO LTD [JP] et al.	CONTROL METHOD AND CONTROL DEVICE FOR ELECTRICAL STORAGE DEVICE
WO2012101667 A1	TOYOTA MOTOR CO LTD [JP], ICHIKAWA KOICHI [JP]	POWER STORAGE SYSTEM
WO2012101384 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	COOLING DEVICE FOR AN ELECTRONIC POWER SYSTEM IN A VEHICLE
WO2012100862 A1	BOSCH GMBH ROBERT [DE] et al.	REDOX ADDITIVE FOR SECONDARY CELLS WITH LIQUID-SOLID PHASE CHANGE
WO2012099978 A2	AEROVIRONMENT INC [US] et al.	ELECTRIC VEHICLE DOCKING CONNECTOR WITH EMBEDDED EVSE CONTROLLER
WO2012099178 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	NONAQUEOUS ELECTROLYTE BATTERY
WO2012099052 A1	NISSAN MOTOR [JP], BANDAI MASAHIRO	CHARGING APPARATUS AND METHOD FOR DETERMINING CONDUCTION STATE
WO2012098970 A1	SHOEI CHEMICAL IND CO [JP] et al.	POSITIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES AND METHOD FOR PRODUCING SAME

WO2012098815 A1	SUMITOMO CHEMICAL CO [JP] et al.	ALUMINIUM AIR BATTERY
WO2012098770 A1	CALSONIC KANSEI CORP [JP] et al.	DEVICE FOR ESTIMATING STATE OF CHARGE OF BATTERY
WO2012098597 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	SULFUR-BASED POSITIVE ELECTRODE ACTIVE MATERIAL, METHOD OF PRODUCING THE SAME, AND POSITIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY
WO2012097805 A2	SCHLOEGL HILDE [DE], SCHLOEGL GERHARD [DE]	SYSTEM FOR GENERATING AND TRANSMITTING HIGH POWER ELECTRIC ENERGY AND FOR DISTRIBUTING A PRESSURISED FLUID
WO2012097514 A1	SHENZHEN SHENLING CAR CO LTD [CN], SUN MUCHU [CN]	BATTERY BOX FOR ELECTRIC VEHICLE
WO2012097349 A2	CUMMINS INC [US] et al.	SYSTEM, METHOD, AND APPARATUS FOR CONTROLLING POWER OUTPUT DISTRIBUTION IN A HYBRID POWER TRAIN
WO2012096844 A1	COBASYS LLC [US] et al.	ADAPTABLE BATTERY MODULE FOR PRISMATIC CELLS
WO2012094599 A2	COBASYS LLC [US] et al.	LOW PROFILE BATTERY PACK
WO2012096473 A2	LG CHEMICAL LTD [KR] et al.	METHOD FOR PREPARING A NEGATIVE ELECTRODE ACTIVE MATERIAL
WO2012096342 A1	SANYO CHEMICAL IND LTD [JP] et al.	ADDITIVE FOR POSITIVE ELECTRODES OF LITHIUM SECONDARY BATTERIES, AND POSITIVE ELECTRODE FOR LITHIUM SECONDARY BATTERIES
WO2012096248 A1	TORAY BATTERY SEPARATOR FILM GODO KAISHA [JP] et al.	MULTILAYER MICROPOROUS FILM, PROCESS FOR PRODUCTION OF THE FILM, AND USE OF THE FILM
WO2012095894 A1	TOYOTA MOTOR CO LTD [JP], GOTO SATOSHI [JP]	DEGRADATION SPEED ESTIMATION METHOD, AND DEGRADATION SPEED ESTIMATION DEVICE, OF LITHIUM-ION BATTERY
WO2012095202 A1	SB LIMOTIVE CO LTD [KR] et al.	BATTERY MANAGEMENT UNIT COMPRISING A PLURALITY OF MONITORING UNITS
WO2012092992 A1	BOSCH GMBH ROBERT [DE], BUTZMANN STEFAN [DE]	BATTERY WITH AUTONOMOUS CELL BALANCING
WO2012093588 A1	SHARP KK [JP] et al.	NON-AQUEOUS SECONDARY BATTERY
WO2012093484 A1	HITACHI LTD [JP], AOYAMA HIROSHI [JP]	MECHANICAL FUSE INSTALLATION SYSTEM AND MECHANICAL FUSE
WO2012093423 A1	PANASONIC CORP [JP] et al.	NON-CONTACT CHARGING SYSTEM POWER SUPPLY DEVICE
WO2012092210 A1	ENERG2 TECHNOLOGIES INC [US] et al.	CARBON MATERIALS COMPRISING ENHANCED ELECTROCHEMICAL PROPERTIES
WO2012091515 A2	AEKYUNG PETROCHEMICAL CO LTD [KR] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR A LITHIUM SECONDARY BATTERY, METHOD FOR MANUFACTURING SAME, AND LITHIUM SECONDARY BATTERY USING SAME
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WO2012091473 A2	SK INNOVATION CO LTD [KR], KIM WOOK HYUN [KR]	BATTERY MODULE AND ELECTRODE TAB ULTRASONIC WAVE WELDING METHOD
WO2012091432 A2	KOREA ADVANCED INST SCI & TECH [KR] et al.	METHOD AND DEVICE FOR CALCULATING STATE OF HEALTH IN SECONDARY BATTERY
WO2012091301 A2	LG CHEMICAL LTD [KR] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL, AND SECONDARY BATTERY USING SAME
WO2012091174 A1	YAZAKI CORP [JP], TOYAMA EIICHI	WIRE HARNESS AND METHOD OF MANUFACTURING WIRE HARNESS

WO2012091015 A1	GS YUASA INT LTD [JP] et al.	POSITIVE ELECTRODE MATERIAL FOR NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERIES, METHOD FOR PRODUCING POSITIVE ELECTRODE MATERIAL, ELECTRODE FOR NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERIES, NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERIES AND METHOD OF
WO2012090948 A1	SHARP KK [JP] et al.	RECHARGEABLE BATTERY, RECHARGEABLE BATTERY CONTROL SYSTEM, AND RECHARGEABLE BATTERY LEASING SYSTEM
WO2012090749 A1	MITSUI MINING & SMELTING CO [JP] et al.	METHOD OF MANUFACTURING A POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERIES
WO2012090728 A1	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY CELL
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WO2012090654 A1	DOWA ECO SYSTEM CO LTD [JP] et al.	METHOD FOR RECOVERING VALUABLE MATERIAL FROM LITHIUM-ION SECONDARY BATTERY, AND RECOVERED MATERIAL CONTAINING VALUABLE MATERIAL
WO2012090652 A1	AUTOMOTIVE ENERGY SUPPLY CORP [JP] et al.	FILM COVERED BATTERY AND METHOD FOR SCREENING SAME
WO2012090600 A1	SANYO ELECTRIC CO [JP] et al.	RECTANGULAR SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME
WO2012090558 A1	PRIMEARTH EV ENERGY CO LTD [JP] et al.	VOLTAGE DETECTING CIRCUIT
WO2012090340 A1	YAZAKI CORP [JP] et al.	BUSBAR MODULE AND POWER SUPPLY APPARATUS INCORPORATING THE SAME
WO2012090285 A1	TOYOTA MOTOR CO LTD [JP] et al.	NONAQUEOUS ELECTROLYTE SOLUTION AND USE THEREOF
WO2012090048 A1	TOYOTA MOTOR CO LTD [JP] et al.	BATTERY
WO2012089396 A2	BOSCH GMBH ROBERT [DE] et al.	METHOD AND DEVICE FOR OPERATING A DRIVE TRAIN OF A HYBRID VEHICLE
WO2012089395 A2	BOSCH GMBH ROBERT [DE] et al.	CONTROLLABLE ENERGY STORE AND METHOD FOR OPERATING A CONTROLLABLE ENERGY STORE
WO2012089134 A1	BYD CO LTD [CN] et al.	BATTERY
WO2012089133 A1	BYD CO LTD [CN] et al.	BATTERY
WO2012088555 A1	OESTERREICHISC HES FORSCHUNGS UND PRUEFZENTRUM ARSENAL GES M B H [AT] et al.	METHOD FOR DETERMINING THE MAXIMUM CHARGE CAPACITY AVAILABLE AT ANY ONE TIME
WO2012088509 A1	WILDCAT DISCOVERY TECHNOLOGIES INC [US] et al.	LITHIUM-ION BATTERY MATERIALS WITH IMPROVED PROPERTIES
WO2012087083 A2	DOOSAN INFRACORE CO LTD [KR] et al.	TURNING CONTROL APPARATUS FOR A HYBRID CONSTRUCTION MACHINE
WO2012087018 A2	KOREA ADVANCED INST SCI & TECH [KR] et al.	METHOD AND DEVICE FOR MONITORING MILEAGE OF ELECTRIC CAR AND RECORDING MEDIUM HAVING PROGRAM FOR IMPLEMENTING THE METHOD RECORDED THEREON
WO2012086951 A1	LG CHEMICAL LTD [KR] et al.	METHOD AND SYSTEM FOR COOLING LITHIUM SECONDARY BATTERIES
WO2012086940 A2	LG CHEMICAL LTD [KR] et al.	CATHODE ACTIVE MATERIAL AND SECONDARY BATTERY USING SAME
WO2012086939 A2	LG CHEMICAL LTD [KR] et al.	CATHODE ACTIVE MATERIAL AND SECONDARY BATTERY USING SAME
WO2012086689 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	METHOD FOR MANUFACTURING BATTERY MODULE AND BATTERY MODULE

WO2012086557 A1	KYOCERA CORP [JP], FUKUSHIMA TAKAAKI [JP]	LITHIUM RECHARGEABLE BATTERY
WO2012086369 A1	NEC ENERGY DEVICES LTD [JP] et al.	DISCHARGE CONTROLLER
WO2012086368 A1	NEC ENERGY DEVICES LTD [JP] et al.	DISCHARGE CONTROLLER
WO2012086309 A1	NEC ENERGY DEVICES LTD [JP], SUZUKI SHIN [JP]	DISCHARGE CONTROLLER
WO2012086277 A1	SANYO ELECTRIC CO [JP] et al.	POSITIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAID POSITIVE ELECTRODE
WO2012086196 A1	IDEMITSU KOSAN CO [JP] et al.	POSITIVE ELECTRODE MATERIAL FOR LITHIUM ION BATTERIES, AND LITHIUM ION BATTERY
WO2012084640 A1	BAYERISCHE MOTOREN WERKE AG [DE], POLLMANN RAINER [DE]	DISPLAY SYSTEM FOR A MOTOR VEHICLE
WO2012084633 A1	AGCO INTERNAT GMBH [CH] et al.	HOUSING FOR ELECTRICAL COMPONENTS ON A VEHICLE
WO2012083358 A1	COMMW SCIENT IND RES ORG [AU] et al.	ELECTRODE AND ELECTRICAL STORAGE DEVICE FOR LEAD-ACID SYSTEM
WO2012082760 A1	DOW GLOBAL TECHNOLOGIES LLC [US] et al.	BATTERY ELECTROLYTE SOLUTION CONTAINING CERTAIN ESTER-BASED SOLVENTS, AND BATTERIES CONTAINING SUCH AN ELECTROLYTE SOLUTION
WO2012081844 A2	LG CHEMICAL LTD [KR] et al.	SECONDARY BATTERY HAVING IMPROVED MANUFACTURING PROCESS EFFICIENCY AND SAFETY
WO2012081724 A1	SANTOKU CORP [JP] et al.	HYDROGEN-ABSORBING ALLOY POWDER, NEGATIVE ELECTRODE, AND NICKEL HYDROGEN SECONDARY BATTERY
WO2012081621 A1	ELIY POWER CO LTD [JP] et al.	POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY AND BATTERY MODULE
WO2012081522 A1	NIPPON ELECTRIC GLASS CO [JP] et al.	PRECURSOR GLASS FOR LITHIUM ION SECONDARY BATTERY POSITIVE ELECTRODE MATERIAL AND CRYSTALLIZED GLASS FOR LITHIUM ION SECONDARY BATTERY POSITIVE ELECTRODE MATERIAL
WO2012081518 A2	SANYO ELECTRIC CO [JP] et al.	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012081439 A1	JX NIPPON OIL & ENERGY CORP [JP] et al.	GRAPHITE MATERIAL FOR A LITHIUM ION SECONDARY CELL NEGATIVE ELECTRODE, METHOD OF MANUFACTURING SAME, AND LITHIUM ION SECONDARY CELL
WO2012081383 A1	SUMITOMO OSAKA CEMENT CO LTD [JP] et al.	ELECTRODE MATERIAL AND METHOD FOR PRODUCING SAME
WO2012081368 A1	SHARP KK [JP] et al.	NON-AQUEOUS SECONDARY BATTERY
WO2012081327 A1	NEC CORP [JP] et al.	LITHIUM ION SECONDARY CELL AND MANUFACTURING METHOD THEREOF
WO2012081260 A1	PANASONIC CORP [JP], KUMA YOSHIFUMI	LEAD STORAGE BATTERY
WO2012080148 A2	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	SYSTEM AND METHOD FOR PROTECTING AGAINST UNAUTHORIZED USE OF AN ELECTRICAL ENERGY STORAGE ARRANGEMENT
WO2012079954 A2	ALCATEL LUCENT [FR] et al.	SYSTEM AND METHODS FOR PREDICTING ENERGY REQUIREMENTS OF A PLURALITY OF ELECTRIC ENERGY VEHICLES
WO2012079704 A1	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	ELECTROCHEMICAL CELL
WO2012078607 A1	DU PONT [US] et al.	ELECTROCHEMICAL CELL COMPRISING A MULTI-LAYER ARTICLE OF POLYIMIDE NANOWEB WITH AMIDIZED SURFACE

WO2012077929 A2	LG CHEMICAL LTD [KR] et al.	CATHODE MATERIAL AND SECONDARY BATTERY USING SAME
WO2012077878 A1	IPG PHOTONICS KOREA LTD [KR], HAN YOU HIE [KR]	JIG FOR WELDING BATTERY ELECTRODE, WELDING APPARATUS, AND WELDING METHOD
WO2012077653 A1	NIPPON COKE & ENGINEERING CO LTD [JP] et al.	NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES, AND METHOD FOR PRODUCING SAME
WO2012077623 A1	UBE INDUSTRIES [JP] et al.	NONAQUEOUS ELECTROLYTE AND ELECTROCHEMICAL ELEMENT USING SAME
WO2012077465 A1	AUTONETWORKS TECHNOLOGIES LTD [JP] et al.	TERMINAL-ATTACHED PLATE, PLATE ASSEMBLY, AND CELL MODULE
WO2012077226 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY
WO2012077225 A1	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRODE BODY AND ALL-SOLID-STATE BATTERY
WO2012077216 A1	HITACHI VEHICLE ENERGY LTD [JP], SATO YUTAKA [JP]	SECONDARY BATTERY
WO2012077197 A1	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR PRODUCING ELECTRODE BODY
WO2012077177 A1	TOYOTA MOTOR CO LTD [JP] et al.	PROCESS FOR MANUFACTURE OF LITHIUM ION SECONDARY BATTERY
WO2012077176 A1	TOYOTA MOTOR CO LTD [JP] et al.	LITHIUM ION SECONDARY BATTERY AND PROCESS FOR MANUFACTURE OF LITHIUM ION SECONDARY BATTERY
WO2012076233 A1	BOSCH GMBH ROBERT [DE] et al.	BATTERY CELL
WO2012076220 A1	SB LIMOTIVE CO LTD [KR] et al.	METHOD FOR ASCERTAINING OPERATING PARAMETERS OF A BATTERY, BATTERY MANAGEMENT SYSTEM, AND BATTERY
WO2012074299 A2	LG CHEMICAL LTD [KR] et al.	LITHIUM RECHARGEABLE BATTERY
WO2012074218 A2	LG CHEMICAL LTD [KR] et al.	DEVICE FOR MANUFACTURING BATTERY CELL
WO2012074213 A2	LG CHEMICAL LTD [KR] et al.	NOVEL DEVICE FOR NOTCHING AND SECONDARY BATTERY PRODUCED BY USING SAME
WO2012073770 A1	TOKAI RUBBER IND LTD [JP] et al.	POWER STORAGE DEVICE
WO2012073472 A1	EQUOS RES CO LTD [JP] et al.	ELECTRICAL POWER TRANSMISSION SYSTEM
WO2012073440 A1	PANASONIC CORP [JP] et al.	BATTERY MODULE
WO2012073418 A1	PANASONIC CORP [JP] et al.	HYDROGEN-STORAGE ALLOY PARTICLES, ALLOY POWDER FOR ELECTRODE, AND ALKALINE STORAGE BATTERY
WO2012069580 A1	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	DEVICE AND METHOD FOR OPERATING A HYBRID VEHICLE
WO2012069201 A2	AVL LIST GMBH [AT] et al.	CURRENT-GENERATING DEVICE, IN PARTICULAR A RANGE EXTENDER FOR A MOTOR VEHICLE
WO2012069199 A2	AVL LIST GMBH [AT] et al.	DEVICE FOR EXTENDING THE RANGE OF AN ELECTRIC VEHICLE
WO2012066874 A1	HONDA MOTOR CO LTD [JP] et al.	BATTERY COOLING STRUCTURE
WO2012066247 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	ARRANGEMENT OF A HIGH-VOLTAGE BATTERY IN A HYBRID AUTOMOBILE
WO2012065664 A1	BAYERISCHE MOTOREN WERKE AG [DE], HEGER MARTIN [DE]	ENERGY ACCUMULATOR FOR A MOTOR VEHICLE HAVING A CLOSURE DEVICE FOR DISCHARGING CONDENSATE
WO2012077160 A1	HITACHI LTD [JP] et al.	NONAQUEOUS SECONDARY BATTERY AND SECONDARY BATTERY SYSTEM

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SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012123333 A1	RENAULT SA [FR] et al.	SOFT-START METHOD AND APPARATUS FOR CHARGING CAPACITORS
WO2012114838 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	POWER LINE COMMUNICATION SYSTEM
WO2012105040 A1	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE AND EXTERNAL POWER-FEEDING APPARATUS
WO2012104707 A2	UNIV CATALUNYA POLITECNICA [ES] et al.	A VOLTAGE-SENSING CIRCUIT STRUCTURE FOR A SWITCHING POWER CONVERTER AND METHOD FOR AN ENHANCED FAST-SCALE STABILITY MARGIN OF A SWITCHING POWER CONVERTER
WO2012103906 A2	AUDI NSU AUTO UNION AG [DE], WEISS CHRISTIAN [DE]	METHOD AND DEVICE FOR CONTROLLING THE POWER SUPPLY IN AN ELECTRICAL SYSTEM OF A MOTOR VEHICLE, AS WELL AS A MOTOR VEHICLE
WO2012099169 A1	TECHNOVA INC [JP] et al.	CONTACTLESS POWER TRANSFER SYSTEM
WO2012098622 A1	PANASONIC CORP [JP] et al.	CASE MOLD TYPE CAPACITOR
WO2012096233 A1	MITSUI MINING & SMELTING CO [JP] et al.	REINFORCED POROUS METAL FOIL AND PROCESS FOR PRODUCTION THEREOF
WO2012095209 A2	SB LIMOTIVE GERMANY GMBH [DE] et al.	METHOD FOR CHARGING AN INTERMEDIATE CIRCUIT CAPACITOR
WO2012095208 A1	SB LIMOTIVE GERMANY GMBH [DE] et al.	DEVICE FOR MEASURING A BATTERY VOLTAGE
WO2012090667 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER CONVERSION APPARATUS FOR VEHICLE
WO2012087698 A1	NANOTEK INSTR INC [US] et al.	SURFACE-MEDIATED LITHIUM ION-EXCHANGING ENERGY STORAGE DEVICE
WO2012087497 A1	CORNING INC [US] et al.	POROUS CARBON FOR ELECTROCHEMICAL DOUBLE LAYER CAPACITORS
WO2012086697 A1	UNIV TOHOKU [JP] et al.	NANOPOROUS CERAMIC COMPOSITE METAL
WO2012086340 A1	JSR CORP [JP] et al.	ELECTRICITY STORAGE DEVICE, LITHIUM ION CAPACITOR, AND NEGATIVE ELECTRODE FOR LITHIUM ION CAPACITOR
WO2012084281 A2	SIEMENS S A S [FR] et al.	METHOD OF ADJUSTING THE ELECTRICAL SUPPLY VOLTAGE FOR THE OPERATION OF AT LEAST ONE ELECTRICALLY POWERED VEHICLE
WO2012077326 A1	SANYO CHEMICAL IND LTD [JP] et al.	ADDITIVE FOR ELECTROLYTIC SOLUTION, AND ELECTROLYTIC SOLUTION
WO2012073998 A1	NAT INST FOR MATERIALS SCIENCE [JP] et al.	GRAPHENE SHEET FILM LINKED WITH CARBON NANOTUBES, METHOD FOR PRODUCING SAME AND GRAPHENE SHEET CAPACITOR USING SAME
WO2012087409 A2	UNIV MICHIGAN [US] et al.	HIGH PERFORMANCE TRANSITION METAL CARBIDE AND NITRIDE AND BORIDE BASED ASYMMETRIC SUPERCAPACITORS

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012112145 A1	INT TRUCK INTELLECTUAL PROP CO [US], BISSONTZ JAY E [US]	OPERATOR INTERFACE FOR VEHICLES
WO2012111083 A1	SUZUKI MOTOR CORP [JP] et al.	CONTROL DEVICE FOR VEHICLE
WO2012110736 A2	RENAULT SA [FR], AZZI HAMID [FR]	SYSTEM AND METHOD FOR BRAKING A HYBRID OR ELECTRIC TRACTION VEHICLE
WO2012110185 A1	SEW EURODRIVE GMBH & CO [DE], BUDZEN HARALD [DE]	DEVICE, IN PARTICULAR ELECTRIC VEHICLE, LIFTING MECHANISM, SHELF-RACK SERVING UNIT WITH LIFTING MECHANISM OR FORK LIFT TRUCK, WITH ENERGY ACCUMULATOR
WO2012110062 A1	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR CONTROLLING THE RECUPERATION BEHAVIOUR IN A MOTOR VEHICLE AND MOTOR VEHICLE
WO2012108001 A1	TOYOTA MOTOR CO LTD [JP], YANO MASAYA [JP]	DRIVE CONTROL DEVICE FOR FRONT AND REAR WHEEL DRIVE VEHICLE
WO2012105043 A1	SUZUKI MOTOR CORP [JP] et al.	CONTROL APPARATUS FOR VEHICLE
WO2012104903 A1	SUZUKI MOTOR CORP [JP] et al.	REGENERATIVE CONTROL DEVICE, REGENERATIVE CONTROL METHOD, AND HYBRID VEHICLE
WO2012101360 A1	RENAULT SA [FR] et al.	METHOD FOR CONTROLLING A MEANS FOR RECOVERING ENERGY GENERATED BY THE BRAKING OF A MOTOR VEHICLE
WO2012098743 A1	HINO MOTORS LTD [JP], SUZUKI MASAHIRO [JP]	REGENERATIVE CONTROL DEVICE, HYBRID AUTOMOBILE, REGENERATIVE CONTROL METHOD, AND PROGRAM
WO2012098680 A1	TOYOTA MOTOR CO LTD [JP], ABE KYOICHI [JP]	VEHICLE CONTROL APPARATUS
WO2012096045 A1	HINO MOTORS LTD [JP] et al.	REGENERATION CONTROL DEVICE, HYBRID AUTOMOBILE, REGENERATION CONTROL METHOD, AND PROGRAM
WO2012096044 A1	HINO MOTORS LTD [JP], SAWAYAMA AKIRA [JP]	REGENERATION CONTROL DEVICE, HYBRID AUTOMOBILE, REGENERATION CONTROL METHOD, AND PROGRAM
WO2012096043 A1	HINO MOTORS LTD [JP], SAWAYAMA AKIRA [JP]	REGENERATION CONTROL DEVICE, HYBRID AUTOMOBILE, REGENERATION CONTROL METHOD, AND PROGRAM
WO2012095685 A1	DG8 ENERGY S R L [IT] - (A8) DG8 ENERGY S R L [IT] et al.	MECHANICAL TORQUE AMPLIFIER DEVICE WITH SEQUENTIAL FREQUENCY RECHARGE TO BE USED IN MACHINES WHICH DEVELOP POTENTIAL AND/OR ALTERNATIVE ENERGY
WO2012094590 A2	FORD GLOBAL TECH LLC [US] et al.	REGENERATIVE BRAKING FEEDBACK DISPLAY SYSTEM AND METHOD
WO2012092401 A1	CUMMINS INC [US] et al.	APPARATUSES, METHODS AND SYSTEMS FOR THERMAL MANAGEMENT OF HYBRID VEHICLE SCR AFTERTREATMENT
WO2012090924 A1	NISSAN MOTOR [JP] et al.	VEHICLE REGENERATION CONTROL DEVICE
WO2012086911 A1	KOREA ADVANCED INST SCI & TECH [KR] et al.	METHOD FOR CONTROLLING AIR CONDITIONING OF ELECTRIC CAR
WO2012086290 A1	BOSCH CORP [JP] et al.	VEHICULAR BRAKE DEVICE AND METHOD FOR CONTROLLING SAME
WO2012083777 A1	CHERY AUTOMOBILE CO LTD [CN] et al.	METHOD AND DEVICE FOR RECYCLING ENERGY OF PURE ELECTRIC AUTOMOBILE
WO2012079862 A2	CONDUCTIX WAMPFLER AG [DE] et al.	DEVICE FOR THE INDUCTIVE TRANSFER OF ELECTRIC ENERGY
WO2012079812 A1	BOSCH GMBH ROBERT [DE] et al.	MECHANICAL ENERGY ACCUMULATOR FOR A VEHICLE
WO2012076026 A1	VOLVO LASTVAGNAR AB [SE] et al.	A VEHICLE COMPRISING A REFRIGERATOR ARRANGEMENT

WO2012074398 A1	DTI GROUP BV [NL] et al.	DRIVING MECHANISM FOR A VEHICLE
WO2012073373 A1	TOYOTA MOTOR CO LTD [JP], KURETAKE KEN [JP]	VEHICLE CONTROL DEVICE
WO2012089961 A1	VALEO SYS CONTROLE MOTEUR SAS [FR] et al.	SYSTEM FOR RECUPERATING ELECTRICAL ENERGY IN A MOTOR VEHICLE

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MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012124640 A1	NSK LTD [JP] et al.	FRICITION ROLLER TYPE DECELERATION DEVICE AND DRIVE DEVICE FOR ELECTRIC AUTOMOBILE
WO2012124611 A1	KOMATSU MFG CO LTD [JP] et al.	COOLING MEDIUM DISCHARGE STRUCTURE FOR ELECTRIC MOTOR, AND ELECTRIC MOTOR
WO2012124387 A1	DAIHATSU MOTOR CO LTD [JP] et al.	MAGNETIC MATERIAL
WO2012122552 A1	NOVATORQUE INC [US] et al.	ROTOR-STATOR STRUCTURES WITH AN OUTER ROTOR FOR ELECTRODYNAMIC MACHINES
WO2012121353 A1	HITACHI LTD [JP] et al.	APPARATUS AND METHOD FOR RECOVERING RARE EARTH METAL FROM RARE EARTH MAGNET
WO2012121306 A1	YOKOHAMA RUBBER CO LTD [JP] et al.	TIRE AND WHEEL ASSEMBLY
WO2012121201 A1	NTN TOYO BEARING CO LTD [JP], OZAKI TAKAYOSHI [JP]	DIAGNOSTIC METHOD FOR MOTOR
WO2012121200 A1	NTN TOYO BEARING CO LTD [JP], OZAKI TAKAYOSHI [JP]	DIAGNOSTIC METHOD FOR MOTOR
WO2012121199 A1	NTN TOYO BEARING CO LTD [JP], OZAKI TAKAYOSHI [JP]	ELECTRIC VEHICLE
WO2012120702 A1	YGK CO LTD [JP] et al.	HYBRID VEHICLE
WO2012120651 A1	NTN TOYO BEARING CO LTD [JP] et al.	DRIVE DEVICE FOR ELECTRIC VEHICLE
WO2012120650 A1	NTN TOYO BEARING CO LTD [JP] et al.	DRIVE DEVICE FOR ELECTRIC VEHICLE
WO2012120649 A1	NTN TOYO BEARING CO LTD [JP] et al.	DRIVE DEVICE FOR ELECTRIC VEHICLE
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WO2012118140 A1	KOMATSU MFG CO LTD [JP] et al.	COOLING MECHANISM FOR ELECTRIC MOTOR AND ELECTRIC MOTOR
WO2012117798 A1	AISIN AW CO [JP] et al.	DRIVING APPARATUS FOR VEHICLE
WO2012115044 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP], OSHIDA MANABU [JP]	CAGE-SHAPED ROTOR AND DYNAMO-ELECTRIC MACHINE
WO2012114903 A1	NTN TOYO BEARING CO LTD [JP], OZAKI TAKAYOSHI [JP]	ELECTRIC AUTOMOBILE
WO2012114901 A1	NTN TOYO BEARING CO LTD [JP], OZAKI TAKAYOSHI [JP]	ELECTRIC AUTOMOBILE, IN-WHEEL MOTOR DRIVE DEVICE, AND MOTOR CONTROL METHOD
WO2012114847 A1	NTN TOYO BEARING CO LTD [JP], FUKAMI RINO [JP]	PLANETARY GEAR DEVICE
WO2012114438 A1	SUZUKI MOTOR CORP [JP], MOCHIZUKI YOSHIHITO	DISPOSITION STRUCTURE OF COMPRESSOR FOR AIR CONDITIONER IN HYBRID VEHICLE
WO2012114383 A1	JFE STEEL CORP [JP] et al.	NON-ORIENTED ELECTROMAGNETIC STEEL SHEET AND METHOD FOR MANUFACTURING SAME
WO2012114181 A1	TOYOTA MOTOR CO LTD [JP], TAKIZAWA KEIJI [JP]	ROTARY ELECTRIC MACHINE STATOR
WO2012113706 A2	AVL SOFTWARE AND FUNCTIONS GMBH [DE], SCHARNAGL MICHAEL [DE]	METHOD FOR STABILIZING AN OPEN INTERMEDIATE-CIRCUIT-VOLTAGE POWER SUPPLY SYSTEM COMPRISING A PLURALITY OF SUBSCRIBERS
WO2012113683 A1	AVL LIST GMBH [AT], GRILLENBERGER DIETER [AT]	DRIVE TRAIN FOR A MOTOR-DRIVEN VEHICLE
WO2012111515 A1	MITSUI HIGH TEC [JP] et al.	METHOD OF MANUFACTURING LAMINATED STATOR CORE AND LAMINATED STATOR CORE MANUFACTURED BY THE METHOD
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WO2012111411 A1	NTN TOYO BEARING CO LTD [JP] et al.	DEVICE FOR DRIVING IN-WHEEL MOTOR
WO2012111197 A1	HONDA MOTOR CO LTD [JP] et al.	DEVICE FOR CONTROLLING DRIVING DEVICE FOR VEHICLE
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WO2012110446 A1	MAGNA POWERTRAIN AG & CO KG [AT] et al.	ACTUATOR DEVICE
WO2012110138 A1	SCHAEFFLER TECHNOLOGIES AG [DE] et al.	INTERLOCKING SWITCH MOUNTING DEVICE, HIGH VOLTAGE SYSTEM COMPRISING SAID TYPE OF INTERLOCKING SWITCH MOUNTING DEVICE AND ELECTRIC OR HYBRID VEHICLE COMPRISING SAID TYPE OF INTERLOCKING SWITCH MOUNTING DEVICE AND A HIGH VOLTAGE SYSTEM
WO2012110134 A1	SCHAEFFLER TECHNOLOGIES AG [DE] et al.	ELECTRIC MACHINE AND SYSTEM FOR THE FORCED SWITCHING OFF OF THE ENERGY SUPPLY OF SAID TYPE OF ELECTRIC MACHINE
WO2012108357 A1	HONDA MOTOR CO LTD [JP], KOBAYASHI ATSUSHI [JP]	DRIVING DEVICE FOR HYBRID VEHICLE
WO2012107684 A1	RENAULT SA [FR] et al.	DEVICE FOR COOLING THE COILS OF THE ELECTRIC MOTORS OF A VEHICLE BY MEANS OF A HEAT PIPE
WO2012107144 A1	BOSCH GMBH ROBERT [DE] et al.	METHOD FOR RESOLVER CHIP DIAGNOSIS, RESOLVER CHIP DIAGNOSIS APPARATUS AND COMPUTER PROGRAM PRODUCT
WO2012105601 A1	NISSAN MOTOR [JP], TOYOTA RYOHEY	KICK-DOWN CONTROL DEVICE FOR ELECTRIC VEHICLE
WO2012105482 A1	AISIN AW CO [JP] et al.	DRIVE DEVICE FOR VEHICLE
WO2012105015 A1	TOYOTA MOTOR CO LTD [JP] et al.	CONTROL DEVICE FOR VEHICLE DRIVING APPARATUS
WO2012103993 A1	BOSCH GMBH ROBERT [DE] et al.	METHOD AND APPARATUS FOR CALIBRATING AT LEAST ONE CURRENT SENSOR
WO2012103913 A1	DAIMLER AG [DE] et al.	DRIVETRAIN FOR A MOTOR VEHICLE
WO2012102370 A1	NISSAN MOTOR [JP] et al.	HYBRID VEHICLE CONTROL DEVICE
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WO2012101938 A1	HITACHI IND EQUIPMENT SYS [JP] et al.	MOTOR UNIT, AND DYNAMO-ELECTRIC MACHINE AND DYNAMO-ELECTRIC MACHINE DEVICE THAT USE SAME
WO2012101878 A1	HINO MOTORS LTD [JP], YUDA NAOKI [JP]	CONTROL DEVICE, HYBRID VEHICLE, CONTROL METHOD, AND PROGRAM
WO2012101813 A1	TOYOTA MOTOR CO LTD [JP] et al.	APPARATUS FOR COOLING MOTOR
WO2012101083 A2	SIEMENS AG [DE], STORATH ALBRECHT [DE]	PERMANENTLY EXCITED SYNCHRONOUS MACHINE COMPRISING A ROTOR
WO2012100314 A1	SAAD LARCIPRETTI WELLINGTON [BR], DEL COLLADO LARCIPRETTI NICOLAS [BR]	LOW-COST ELECTRIC TRACTION MOTOR WITH INTERNAL DIFFERENTIAL FUNCTION FOR USE IN ELECTRICAL HYBRID VEHICLES
WO2012100251 A2	REMY TECHNOLOGIES LLC [US] et al.	MACHINE WITH HIGH VOLTAGE ENCLOSURE COVER
WO2012099188 A1	HITACHI METALS LTD [JP], KUNIYOSHI FUTOSHI [JP]	R-T-B SINTERED MAGNET
WO2012099186 A1	HITACHI METALS LTD [JP], KUNIYOSHI FUTOSHI [JP]	METHOD OF PRODUCING R-T-B SINTERED MAGNET
WO2012098744 A1	HINO MOTORS LTD [JP], UENO HIROTAKA [JP]	REGENERATION CONTROL DEVICE, HYBRID AUTOMOBILE, REGENERATION CONTROL METHOD, AND PROGRAM
WO2012097899 A1	SB LIMOTIVE GERMANY GMBH [DE] et al.	ELECTRIC DRIVE UNIT
WO2012096310 A1	JTEKT CORP [JP] et al.	DEVICE FOR TRANSMITTING DRIVING FORCE OF MOTORS
WO2012096309 A1	JTEKT CORP [JP] et al.	IN-WHEEL MOTOR DRIVING DEVICE
WO2012096308 A1	JTEKT CORP [JP] et al.	MOTOR DRIVE FORCE TRANSMISSION DEVICE
WO2012096211 A1	ALPS GREEN DEVICES CO LTD [JP] et al.	CURRENT SENSOR

WO2012096130 A1	TOYOTA MOTOR CO LTD [JP], SUZUKI NAOTO [JP]	VEHICLE CONTROL APPARATUS
WO2012095975 A1	TOYOTA MOTOR CO LTD [JP], UCHIDA YOZO [JP]	ELECTRODE MATERIAL APPLYING APPARATUS, AND FILTERING APPARATUS
WO2012093413 A1	TECNOMATIC SPA [IT], GUERCIONI SANTE [IT]	METHOD AND FIXTURE FOR TWISTING END PORTIONS OF BAR CONDUCTORS, IN PARTICULAR FOR BAR WINDINGS OF ELECTRIC MACHINES
WO2012093636 A1	NTN TOYO BEARING CO LTD [JP] et al.	VEHICLE MOTOR DRIVE DEVICE AND AUTOMOBILE
WO2012093552 A1	NTN TOYO BEARING CO LTD [JP], YAMAMOTO TETSUYA [JP]	IN-WHEEL MOTOR DRIVE DEVICE
WO2012092467 A2	METHODE ELECTRONICS INC [US], MORAN TIMOTHY J [US]	SENSOR ARRANGEMENTS FOR MEASURING MAGNETIC SUSCEPTIBILITY
WO2012092344 A2	MAGNA POWERTRAIN OF AMERICA INC [US], GREENE DARRELL F [CA]	INTEGRATED GENERATOR AND MOTOR PUMP
WO2012091834 A2	CATERPILLAR INC [US], ANDRIS ERIC [US]	MACHINE AND POWER SYSTEM WITH ELECTRICAL ENERGY STORAGE DEVICE
WO2012091067 A1	HITACHI CONSTRUCTION MACHINERY [JP] et al.	COOLING SYSTEM FOR HYBRID WORK MACHINE
WO2012090792 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ROTATING ELECTRICAL MACHINE
WO2012090688 A1	HONDA MOTOR CO LTD [JP], TAGAMI HIROSHI	POWER GENERATION CONTROL DEVICE AND POWER GENERATION CONTROL METHOD
WO2012090679 A1	SANYO ELECTRIC CO [JP] et al.	MOTOR, ELECTRIC-POWERED VEHICLE MOUNTED THEREWITH, AND METHOD OF ASSEMBLING MOTOR
WO2012090677 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	HYBRID VEHICLE SYSTEM AND CONTROL METHOD THEREOF
WO2012090545 A1	AISIN AI CO LTD [JP] et al.	POWER TRANSMISSION CONTROL DEVICE FOR VEHICLE
WO2012090255 A1	KAWASAKI HEAVY IND LTD [JP], MATSUDA YOSHIMOTO	ELECTRIC-VEHICLE START ASSIST METHOD AND START ASSIST SYSTEM
WO2012086534 A1	JFE STEEL CORP [JP] et al.	PROCESS FOR PRODUCTION OF NON-ORIENTED ELECTROMAGNETIC STEEL SHEET
WO2012086228 A1	IHI CORP [JP] et al.	ROTARY MACHINE
WO2012086227 A1	IHI CORP [JP] et al.	ROTATOR
WO2012084188 A1	EME SLR GMBH [DE] et al.	POWER GENERATING SET, INTERNAL COMBUSTION ENGINE THEREOF AND CRANKCASE THEREFOR
WO2012082283 A1	REMY TECHNOLOGIES LLC [US], BRADFIELD MICHAEL D [US]	ELECTRIC MACHINE COOLING SYSTEM AND METHOD
WO2012081493 A1	AISIN AW CO [JP] et al.	CONTROL DEVICE FOR ROTATING ELECTRICAL MACHINE
WO2012081374 A1	AISIN SEIKI [JP], SAKUMA MASAFUMI [JP]	MULTIPLE ROTOR-TYPE ELECTRIC MOTOR
WO2012081325 A1	AISIN AI CO LTD [JP] et al.	POWER TRANSMISSION CONTROL DEVICE FOR VEHICLE
WO2012081324 A1	AISIN AI CO LTD [JP] et al.	POWER TRANSMISSION CONTROL DEVICE FOR VEHICLE
WO2012081280 A1	AISIN AI CO LTD [JP] et al.	POWER TRANSMISSION CONTROL DEVICE FOR VEHICLE
WO2012081277 A1	AISIN AI CO LTD [JP] et al.	DEVICE FOR CONTROLLING POWER TRANSMISSION OF VEHICLE
WO2012081272 A1	YGK CO LTD [JP] et al.	HYBRID VEHICLE
WO2012080709 A1	LIBERTINE FPE LTD [GB], COCKERILL SAM [GB]	FREE PISTON ENGINE GENERATOR
WO2012079752 A2	VOLKSWAGEN AG [DE] et al.	METHOD FOR PRODUCING AN ELECTRIC MOTOR HOUSING PART BLANK AND ELECTRIC MOTOR HOUSING PART
WO2012079716 A1	VOLKSWAGEN AG [DE] et al.	METHOD FOR DETERMINING A STATE OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE WITH A FURTHER MOTOR AND CORRESPONDING DEVICE AND VEHICLE

WO2012079390 A1	CHONGQING CHANGAN AUTOMOBILE [CN] et al.	METHOD FOR MEASURING TEMPERATURE OF PERMANENT MAGNET SYNCHRONOUS MOTOR OF HYBRID POWER AUTOMOBILE
WO2012077671 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	VEHICLE-MOUNTING ROTATING ELECTRICAL MACHINE AND ELECTRICALLY DRIVEN VEHICLE
WO2012077281 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	METHOD FOR CONNECTING WIRE MATERIAL AND TWISTED WIRE, AND STATOR OF ELECTRIC MOTOR OR GENERATOR
WO2012074604 A1	CATERPILLAR INC [US] et al.	SYSTEM AND METHOD FOR ESTIMATING A GENERATOR ROTOR TEMPERATURE IN AN ELECTRIC DRIVE MACHINE
WO2012074098 A1	YANMAR CO LTD [JP] et al.	POWER TRANSMITTING DEVICE FOR HYDRAULIC SHOVEL
WO2012073959 A1	HONDA MOTOR CO LTD [JP] et al.	STATOR
WO2012073890 A1	DAIMLER AG [DE], KIUCHI TATSUO [JP]	EQUIPMENT WARM-UP BATTERY FOR HYBRID ELECTRIC AUTOMOBILE
WO2012070514 A1	REIHO CO LTD [JP] et al.	ROTATING DEVICE USING PERMANENT MAGNET
WO2012066718 A1	TGK CO LTD [JP], HIROTA HISATOSHI [JP]	STEPPING MOTOR-DRIVEN CONTROL VALVE
WO2012066074 A1	AVL LIST GMBH [AT] et al.	CURRENT GENERATION UNIT FOR EXTENDING THE RANGE OF AN ELECTRIC VEHICLE
WO2012066067 A2	AVL LIST GMBH [AT] et al.	CURRENT GENERATING UNIT

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CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012128942 A1	DEERE & CO [US], SINGH BRIJ N [US]	SYSTEM FOR DETECTING A FAILURE ASSOCIATED WITH AN INVERTER OR ASSOCIATED MACHINE
WO2012125339 A2	DEERE & CO [US], SINGH BRIJ N [US]	SYSTEM FOR CONTROLLING ROTARY ELECTRIC MACHINES TO REDUCE CURRENT RIPPLE ON DIRECT CURRENT BUS
WO2012120754 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	GREEN COMPACT, GREEN COMPACT PRODUCTION METHOD, REACTOR, CONVERTER, AND POWER CONVERSION DEVICE
WO2012120630 A1	TOYOTA MOTOR CO LTD [JP] et al.	COOLING SYSTEM FOR VEHICLE
WO2012120594 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	SEMICONDUCTOR MODULE AND SEMICONDUCTOR MODULE MANUFACTURING METHOD
WO2012117894 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER SEMICONDUCTOR MODULE, POWER SEMICONDUCTOR MODULE MANUFACTURING METHOD, AND POWER CONVERSION APPARATUS
WO2012117893 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ELECTRIC POWER CONVERTER
WO2012115910 A2	EESTOR INC [US]	POWER SUPPLY AND POWER CONTROL CIRCUITRY
WO2012115736 A1	DEERE & CO [US] et al.	MACHINE SYSTEMS INCLUDING PRE-POWER DIAGNOSTICS
WO2012114584 A1	mitsubishi heavy ind ltd [JP] et al.	INVERTER INTEGRATED MOTOR-DRIVEN COMPRESSOR
WO2012113264 A1	ZHOU WANGLONG [CN]	HEAT DISSIPATING STRUCTURE FOR CAPACITORS OF ELECTRIC VEHICLE INVERTERS
WO2012110870 A2	TOYOTA MOTOR CO LTD [JP], KINOSHITA GOHKI [JP]	VEHICLE, CONTROL APPARATUS FOR VEHICLE, AND CONTROL METHOD FOR VEHICLE
WO2012108036 A1	TOYOTA MOTOR CO LTD [JP], SASAYAMA SHINYA [JP]	POWER CONVERTER
WO2012107145 A1	BOSCH GMBH ROBERT [DE] et al.	DEVICE AND METHOD FOR DISCHARGING AN ENERGY ACCUMULATOR IN A HIGH-VOLTAGE GRID
WO2012107128 A2	BOSCH GMBH ROBERT [DE] et al.	METHOD FOR OPERATING A CONTROL SYSTEM OF AN ELECTRIC MACHINE AND SYSTEM FOR CONTROLLING AN ELECTRIC MACHINE
WO2012107077 A1	SIEMENS AG [DE] et al.	POWER SUPPLY SYSTEM COMPRISING A MULTIPHASE MATRIX CONVERTER AND METHOD FOR OPERATING SAME
WO2012105266 A1	PANASONIC CORP [JP] et al.	MOTOR DRIVE DEVICE
WO2012103994 A1	BOSCH GMBH ROBERT [DE] et al.	PUSH-PULL CONVERTER, AND MODULATION METHOD FOR CONTROLLING A PUSH-PULL CONVERTER
WO2012103992 A2	BOSCH GMBH ROBERT [DE] et al.	PULSE-CONTROLLED INVERTER WITH A COOLED SHUNT RESISTOR, AND ELECTRICAL DRIVE SYSTEM HAVING A PULSE-CONTROLLED INVERTER WITH A COOLED SHUNT RESISTOR
WO2012098978 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	COOLING SYSTEM OF POWER CONVERSION APPARATUS FOR VEHICLE-MOUNTED ROTATING ELECTRICAL MACHINE
WO2012096335 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP], MATSUO TAKESHI [JP]	ROTATING ARMATURE MACHINE
WO2012090877 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ELECTRICAL POWER CONVERSION DEVICE
WO2012090666 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP], NUMAKURA YUTA [JP]	POWER CONVERSION APPARATUS
WO2012090381 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ELECTRICAL CONVERTER
WO2012090263 A1	TOYOTA MOTOR CO LTD [JP] et al.	HYBRID VEHICLE AND CONTROL METHOD THEREFOR
WO2012090237 A1	HITACHI LTD [JP] et al.	ELECTRIC POWER CONVERTER

WO2012086417 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	INSULATING STRUCTURE FOR POWER MODULE AND POWER CONVERSION DEVICE USING POWER MODULE
WO2012086223 A1	MUTOH NOBUYOSHI [JP] et al.	ELECTRIC VEHICLE
WO2012077187 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER CONVERTER
WO2012073306 A1	TOYOTA MOTOR CO LTD [JP] et al.	POWER MODULE
WO2012072317 A1	BOSCH GMBH ROBERT [DE] et al.	INVERTER ARRANGEMENT AND METHOD FOR DETECTING A BRIDGE SHORT IN A HALF-BRIDGE BRANCH OF AN INVERTER
WO2012070129 A1	TOYOTA MOTOR CO LTD [JP] et al.	STACKED COOLER
WO2012069053 A2	DANFOSS DRIVES AS [DK] et al.	APPARATUS AND METHOD FOR CONTROLLING A MOTOR AND GENERATING THERMAL ENERGY
WO2012084894 A1	IFP ENERGIES NOUVELLES [FR] et al.	CONVERTER FOR BALANCING THE CELLS OF AN ELECTRIC BATTERY
WO2012076081 A1	SEW EURODRIVE GMBH & CO [DE], BUDZEN HARALD [DE]	VEHICLE, AND METHOD FOR OPERATING A VEHICLE

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RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012125971 A2	JOHNSON CONTROLS TECH CO [US] et al.	SYSTEMS AND METHODS FOR OVERCHARGE PROTECTION AND CHARGE BALANCE IN COMBINED ENERGY SOURCE SYSTEMS
WO2012125968 A1	JOHNSON CONTROLS TECH CO [US] et al.	ENERGY SOURCE SYSTEM HAVING MULTIPLE ENERGY STORAGE DEVICES
WO2012125963 A2	JOHNSON CONTROLS TECH CO [US] et al.	ENERGY SOURCE DEVICES AND SYSTEMS HAVING A BATTERY AND AN ULTRACAPACITOR
WO2012125956 A1	JOHNSON CONTROLS TECH CO [US] et al.	SYSTEMS AND METHODS FOR CONTROLLING MULTIPLE STORAGE DEVICES
WO2012125954 A2	JOHNSON CONTROLS TECH CO [US] et al.	ENERGY SOURCE SYSTEMS HAVING DEVICES WITH DIFFERENTIAL STATES OF CHARGE
WO2012124902 A2	LS CABLE & SYSTEM [KR], YEON KYU YEON [KR]	CONNECTOR OF ELECTRIC VEHICLE CHARGER
WO2012124490 A1	NISSAN MOTOR [JP] et al.	BATTERY CHARGING CONTROL DEVICE
WO2012124487 A1	NISSAN MOTOR [JP] et al.	BATTERY CHARGING CONTROL DEVICE
WO2012123135 A1	RWE AG [DE], GAUL ARMIN [DE]	CHARGING STATION FOR ELECTRICAL VEHICLES, SYSTEM AND METHOD FOR OPERATING A CHARGING STATION
WO2012122072 A2	LAU DAVID M K [CN], CHAPIN WILLIAM LAWRENCE [US]	SYSTEM FOR CHARGING ELECTRIC VEHICLE BATTERIES FROM STREET LIGHTS AND PARKING METERS
WO2012121648 A1	ELECTROENGINE S A [LU], BERGFJORD THOMAS [SE]	A CURRENT DIVERTING DEVICE, A METHOD AND A COMPUTER PROGRAM PRODUCT
WO2012121290 A1	NEC CORP [JP], CHIHIRA SHINPEI [JP]	CHARGE SERVICE SYSTEM, SERVER, AND CHARGE SERVICE METHOD
WO2012120977 A1	NEC CORP [JP] et al.	CHARGING CONTROL SYSTEM, CHARGING CONTROL METHOD AND PROGRAM
WO2012120976 A1	NEC CORP [JP] et al.	CHARGING CONTROL SYSTEM, CHARGING CONTROL METHOD AND RECORDING MEDIUM
WO2012120965 A1	NEC CORP [JP] et al.	CHARGING CONTROL SYSTEM, CHARGING CONTROL METHOD AND RECORDING MEDIUM
WO2012120736 A1	NEC CORP [JP] et al.	CHARGING CONTROL SYSTEM
WO2012120564 A1	HITACHI LTD [JP] et al.	SECONDARY BATTERY SYSTEM
WO2012120353 A2	META SYSTEM SPA [IT] et al.	APPLIANCE AND METHOD FOR RECHARGING BATTERIES OF ELECTRIC VEHICLES OR THE LIKE
WO2012120030 A1	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	CHARGE BALANCING SYSTEM FOR BATTERIES
WO2012119853 A2	SIEMENS AG [DE] et al.	METHOD AND SYSTEM FOR CONTROLLING A NETWORK OF CHARGING SPOTS FOR ELECTRICAL CARS
WO2012119630 A2	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR OPERATING A RANGE EXTENDER IN A VEHICLE HAVING AN ELECTRIC DRIVE
WO2012119300 A1	ABB RESEARCH LTD [CH] et al.	HIERARCHICAL ACTIVE AND REACTIVE POWER CONTROL SYSTEM IN ELECTRIC VEHICLE CHARGING STATIONS AND METHOD THEREOF
WO2012119279 A1	SUZHOU EAGLE ELECTRIC VEHICLE MFG CO LTD [CN] et al.	ELECTRICAL SYSTEM ASSEMBLY OF ELECTRIC AUTOMOBILE AND ENERGY SYSTEM AND ACTUATING DEVICE THEREOF
WO2012118227 A1	MITSUBISHI ELECTRIC CORP [JP] et al.	SYSTEM FOR TRANSFERRING ENERGY WIRELESSLY
WO2012118184 A1	NEC CORP [JP], NYU TAKAYUKI [JP]	CHARGING POWER CONTROL SYSTEM
WO2012117743 A1	PANASONIC CORP [JP] et al.	CHARGING CABLE FOR ELECTRIC DRIVE VEHICLE
WO2012117503 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	BATTERY CONTROL DEVICE
WO2012117192 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	CHARGING SYSTEM FOR ELECTRIC OR HYBRID VEHICLES USING ANY SOURCE OF ALTERNATING CURRENT
WO2012116667 A2	KIEKERT AG [DE] et al.	CHARGING DEVICE FOR AN ELECTRIC VEHICLE
WO2012116054 A2	STEELE DANIEL W [US]	WIRELESS AUTOMATED VEHICLE ENERGIZING SYSTEM

WO2012115455 A2	SK INNOVATION CO LTD [KR], LIM JAE HWAN [KR]	BATTERY CHARGING METHOD OF OVER DISCHARGED ELECTRIC VEHICLE BY EMERGENCY CHARGING VEHICLE
WO2012115169 A1	PANASONIC CORP [JP] et al.	CHARGING CONTROL DEVICE
WO2012114950 A1	SONY CORP [JP], WASHIRO TAKANORI [JP]	BATTERY DEVICE, BATTERY MANAGEMENT METHOD, AND ELECTRONIC INSTRUMENT
WO2012114949 A1	SONY CORP [JP], WASHIRO TAKANORI [JP]	COMMUNICATION DEVICE, COMMUNICATION METHOD, BATTERY DEVICE, AND ELECTRONIC DEVICE
WO2012114473 A1	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE ENERGY REFUELING CHARGE RETURNING DEVICE AND VEHICLE ENERGY REFUELING CHARGE RETURNING SYSTEM
WO2012111155 A1	PIONEER CORP [JP], OISHI HIROKAZU [JP]	POSITION ALIGNMENT DEVICE, POWER RECEPTION DEVICE, AND POWER TRANSMISSION DEVICE
WO2012111127 A1	PIONEER CORP [JP], OISHI HIROKAZU [JP]	CHARGE CONTROL DEVICE AND METHOD, CHARGING SYSTEM, ASSOCIATION METHOD, AND COMPUTER PROGRAM
WO2012110064 A2	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR OPERATING COMPONENTS OF A HOUSE AND COMPONENTS OF AT LEAST ONE VEHICLE
WO2012108000 A1	TOYOTA MOTOR CO LTD [JP], KINOMURA SHIGEKI [JP]	CABLE HOUSING APPARATUS AND VEHICLE
WO2012107820 A2	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE AND CONTROL METHOD THEREFOR
WO2012107149 A1	BOSCH GMBH ROBERT [DE] et al.	SYSTEM FOR CHARGING AN ENERGY STORE, AND METHOD FOR OPERATING THE CHARGING SYSTEM
WO2012107148 A1	BOSCH GMBH ROBERT [DE] et al.	SYSTEM FOR CHARGING AN ENERGY STORE, AND METHOD FOR OPERATING THE CHARGING SYSTEM
WO2012107147 A1	BOSCH GMBH ROBERT [DE] et al.	CHARGING AN ENERGY STORE
WO2012107146 A1	BOSCH GMBH ROBERT [DE] et al.	SYSTEM FOR CHARGING AN ENERGY STORE, AND METHOD FOR OPERATING THE CHARGING SYSTEM
WO2012107132 A1	RWE AG [DE], BECKER GERNOT [DE]	CHARGING STATION AND METHOD FOR SECURING A CHARGING PROCESS OF AN ELECTRIC VEHICLE
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WO2012107091 A1	SIEMENS AG [DE] et al.	METHOD FOR CHARGING AN ELECTRICALLY DRIVABLE VEHICLE AND CHARGING APPARATUS
WO2012106372 A2	AEROVIRONMENT INC [US] et al.	QUICK CHARGER CONNECTOR FOR LOW AND ZERO VOLTAGE TESTING OF AN ELECTRIC VEHICLE DIRECT CHARGE DEVICE
WO2012105448 A1	SANYO ELECTRIC CO [JP], MURAO HIROYA [JP]	BATTERY MODULE, BATTERY SYSTEM, POWER SUPPLY APPARATUS, AND MOVING BODY
WO2012105023 A1	TOYOTA MOTOR CO LTD [JP], ARASU MICHIAKI [JP]	VEHICLE ON-BOARD CABLE AND VEHICLE
WO2012104350 A2	KOSTAL LEOPOLD GMBH & CO KG [DE] et al.	INDUCTIVE TRANSMISSION SYSTEM FOR CHARGING THE TRACTION BATTERIES OF AN ELECTRICALLY DRIVEN VEHICLE
WO2012104253 A2	BAYERISCHE MOTOREN WERKE AG [DE] et al.	CHARGING DEVICE FOR AN ELECTRIC ENERGY STORE IN A MOTOR VEHICLE
WO2012104231 A2	SIEMENS AG [DE], REINSCHKE JOHANNES [DE]	CHARGING STATION FOR THE WIRED CHARGING OF AN ELECTRIC VEHICLE
WO2012103978 A1	RWE AG [DE], GAUL ARMIN [DE]	CHARGING STATION AND METHOD FOR SECURING A CHARGING STATION
WO2012102215 A1	SHARP KK [JP] et al.	ELECTRIC VEHICLE CHARGING APPARATUS, ELECTRIC VEHICLE CHARGING METHOD, PROGRAM, AND RECORDING MEDIUM
WO2012101771 A1	HITACHI LTD [JP] et al.	ELECTRIC VEHICLE BATTERY SYSTEM
WO2012101681 A1	MITSUBISHI ELECTRIC CORP [JP] et al.	CHARGING GUIDANCE DEVICE AND VEHICLE-MOUNTED NAVIGATION DEVICE
WO2012101375 A2	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	DEVICE AND METHOD FOR BALANCING THE STATE OF CHARGE OF A POWER SOURCE HAVING ELECTROCHEMICAL STORAGE AND CONSISTING OF A PLURALITY OF POWER-STORAGE CELLS
WO2012101366 A2	RENAULT SA [FR] et al.	METHOD FOR MANAGING THE CHARGING OF A RECHARGEABLE BATTERY OF A MOTOR VEHICLE

WO2012101343 A2	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	DEVICE FOR CONTROLLING THE CHARGING OF AN ELECTRICAL BATTERY OF A SYSTEM, BY ESTIMATING PARASITIC IMPEDANCE AND/OR NON-LINEAR EFFECT UPSTREAM OF A CHARGER
WO2012101341 A2	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	CHARGING SYSTEM WITH A FIXED MAXIMUM CURRENT FOR ELECTRIC OR HYBRID VEHICLES
WO2012099217 A1	SHARP KK [JP], SATOH KATSUHIKO	ELECTRIC-VEHICLE CHARGING DEVICE, ELECTRIC-VEHICLE CHARGING METHOD, PROGRAM, AND RECORDING MEDIUM
WO2012099214 A1	SHARP KK [JP], SATOH KATSUHIKO	CHARGING-CONTROL DEVICE, CHARGING-CONTROL METHOD, CHARGING-CONTROL SYSTEM, CONTROL PROGRAM, AND RECORDING MEDIUM
WO2012099213 A1	SHARP KK [JP], SATOH KATSUHIKO	DISCHARGING-CONTROL DEVICE, DISCHARGING-CONTROL METHOD, DISCHARGING-CONTROL SYSTEM, CONTROL PROGRAM, AND RECORDING MEDIUM
WO2012099160 A1	NEC CORP [JP], ISHII KENICHI [JP]	CHARGE CONTROL APPARATUS, CHARGE CONTROL METHOD, AND PROGRAM
WO2012098968 A1	PRIMEARTH EV ENERGY CO LTD [JP], AKAMINE NAOSHI [JP]	APPARATUS FOR ESTIMATING STATE OF CHARGE OF SECONDARY CELL
WO2012098300 A1	AMOTEC OY [FI], SALONEN DANIEL [FI]	METHOD AND DEVICE FOR AN ELECTRIC-MOTOR DRIVE
WO2012098202 A2	POWER RES ELECTRONICS B V [NL] et al.	BATTERY CHARGER FOR ELECTRIC VEHICLES
WO2012096209 A1	TOYOTA MOTOR CO LTD [JP], NAKAGAWA MASASHI [JP]	VEHICLE INFORMATION MANAGEMENT SYSTEM, VEHICLE-MOUNTED INFORMATION TERMINAL AND VEHICLE INFORMATION PROVIDING DEVICE
WO2012095234 A1	SIEMENS AG [DE] et al.	CHARGING DEVICE FOR CHARGING A VEHICLE ACCUMULATOR
WO2012095225 A1	HUF HUELSBECK & FUERST GMBH [DE] et al.	SYSTEM FOR CONTROLLING ACCESS TO A VEHICLE CHARGING DEVICE
WO2012095145 A2	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR OPERATING AN ONBOARD POWER SUPPLY SYSTEM OF A MOTOR VEHICLE
WO2012095129 A2	DAIMLER AG [DE] et al.	METHOD FOR CHARGING A BATTERY OF A VEHICLE
WO2012095128 A2	DAIMLER AG [DE] et al.	SYSTEM AND METHOD FOR CHARGING CAR BATTERIES
WO2012093218 A1	RENAULT SA [FR] et al.	METHOD FOR REGULATING THE TEMPERATURE OF AN AUTOMOTIVE VEHICLE COMPONENT AND SYSTEM FOR REGULATING THE TEMPERATURE OF THIS COMPONENT
WO2012093638 A1	NEC CORP [JP], JIKIHARA TAKASHI [JP]	CHARGING CONTROL DEVICE, CHARGING CONTROL METHOD, AND PROGRAM
WO2012093459 A1	PANASONIC CORP [JP] et al.	METHOD FOR CONTROLLING CHARGE/DISCHARGE OF ALKALI STORAGE CELL, AND POWER SYSTEM
WO2012091376 A2	KOREA ADVANCED INST SCI & TECH [KR] et al.	DEVICE AND METHOD FOR CONTROLLING HVAC POWER CONSUMPTION IN ELECTRIC VEHICLE
WO2012091077 A1	SANYO ELECTRIC CO [JP], MAEDA REIZO [JP]	BATTERY DEGRADATION LEVEL DETECTION METHOD
WO2012091076 A1	SANYO ELECTRIC CO [JP], MAEDA REIZO [JP]	BATTERY DEGRADATION LEVEL DETECTION METHOD
WO2012090928 A1	TOYOTA MOTOR CO LTD [JP] et al.	RECHARGING DEVICE FOR VEHICLE
WO2012090689 A1	HONDA MOTOR CO LTD [JP], TAGAMI HIROSHI	POWER GENERATION CONTROL DEVICE AND POWER GENERATION CONTROL METHOD
WO2012090613 A1	NISSAN MOTOR [JP] et al.	NON-CONTACT CHARGING DEVICE
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WO2012089397 A2	BOSCH GMBH ROBERT [DE] et al.	SYSTEM FOR COUPLING AT LEAST ONE AC POWER SOURCE TO A CONTROLLABLE ENERGY STORE AND ASSOCIATED OPERATIONAL METHOD
WO2012089361 A2	BOSCH GMBH ROBERT [DE] et al.	SYSTEM COMPRISING AN ELECTRIC MACHINE
WO2012088223 A2	SPX CORP [US] et al.	SEQUENTIAL CHARGING OF MULTIPLE ELECTRIC VEHICLES
WO2012086825 A1	NEC CORP [JP], YOSHIDA NOBUHIDE [JP]	CHARGING DEVICE AND CHARGING METHOD

WO2012086473 A1	YAZAKI CORP [JP], HIRAYAMA MAKATO [JP]	RESONANCE COIL AND CONTACTLESS POWER TRANSMISSION SYSTEM INCORPORATING THE SAME RESONANCE COIL
WO2012084131 A2	VOLKSWAGEN AG [DE] et al.	METHOD AND DEVICE FOR CHARGING A LOW-VOLTAGE BATTERY IN AN ELECTRIC DRIVE SYSTEM
WO2012084101 A2	DAIMLER AG [DE] et al.	MOTOR VEHICLE DEVICE
WO2012084099 A2	DAIMLER AG [DE] et al.	MOTOR VEHICLE DEVICE
WO2012084095 A2	DAIMLER AG [DE] et al.	MOTOR VEHICLE CHARGING AND/OR MOTOR VEHICLE DISCHARGING DEVICE
WO2012081423 A1	SANYO ELECTRIC CO [JP], IIDA TAKASHI [JP]	CHARGING APPARATUS, POWER STORAGE APPARATUS, AND POWER SOURCE APPARATUS
WO2012081330 A1	HONDA MOTOR CO LTD [JP], YOKOYAMA SHINICHI [JP]	VEHICLE
WO2012081253 A1	PANASONIC CORP [JP] et al.	POWER SUPPLY DEVICE AND POWER SUPPLY METHOD
WO2012081120 A1	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE PROVIDED WITH CORD STORAGE PART, AND CONTROL METHOD THEREOF
WO2012081103 A1	TOYOTA MOTOR CO LTD [JP] et al.	POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE AND CONTROL METHOD FOR SAME
WO2012080671 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	SYSTEM FOR INDUCTIVELY CHARGING A BATTERY BELONGING TO A DRIVE TRAIN OF AN ELECTRIC OR HYBRID VEHICLE
WO2012079860 A2	CONDUCTIX WAMPFLER AG [DE], ASSELIN PASCAL [FR]	DEVICE FOR THE INDUCTIVE TRANSFER OF ELECTRIC ENERGY
WO2012079822 A1	SB LIMOTIVE GERMANY GMBH [DE] et al.	COUPLING UNIT AND BATTERY MODULE HAVING SUCH A COUPLING UNIT
WO2012079668 A2	DAIMLER AG [DE] et al.	MOTOR VEHICLE DEVICE HAVING A CHARGING AND/OR DISCHARGING UNIT
WO2012076341 A2	SIEMENS AG [DE], KEPKA ALEXANDER [DE]	POWER SUPPLY DEVICE
WO2012076236 A1	BOSCH GMBH ROBERT [DE] et al.	ON-BOARD NETWORK FOR A VEHICLE HAVING AT LEAST ONE DRIVE ASSEMBLY
WO2012072679 A1	RESTORE NV [BE] et al.	METHOD AND SYSTEM FOR CHARGING A FLEET OF BATTERIES
WO2012072372 A2	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE] et al.	APPARATUS FOR USE IN AN ELECTRICAL DRIVE SYSTEM, AND METHOD FOR OPERATING AN APPARATUS OF THIS KIND
WO2012071478 A2	LIBERTY PLUGINS INC [US] et al.	SYSTEM AND METHOD FOR SECURE ADDITION OF MACHINE READABLE IDENTIFICATION TO AN OFF-LINE DATABASE
WO2012069388 A2	SB LIMOTIVE CO LTD [KR] et al.	METHOD FOR CHARGING A BATTERY
WO2012069032 A2	KIEKERT AG [DE] et al.	CHARGING DEVICE FOR AN ELECTRIC VEHICLE
WO2012069002 A1	HONG KONG EV POWER LTD [CN] et al.	CHARGING DEVICE, ELECTRIC AUTOMOBILE CHARGING SYSTEM AND CONTROL METHOD THEREOF
WO2012066920 A1	SANYO ELECTRIC CO [JP], OOI KOZO [JP]	METHOD FOR CORRECTING REMAINING CAPACITY OF SECONDARY BATTERY, DEVICE FOR CORRECTING REMAINING CAPACITY OF SECONDARY BATTERY, AND SECONDARY BATTERY DEVICE
WO2012114954 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	CHARGE/DISCHARGE CONTROL DEVICE FOR MOLTEN SALT BATTERY AND METHOD FOR CHARGING/DISCHARGING MOLTEN SALT BATTERY
WO2012114011 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	METHOD FOR MANAGING THE SUPPLY OF ELECTRICAL POWER TO THE ELECTRICAL EQUIPMENT OF A MOTOR VEHICLE
WO2012096564 A1	EPYON B V [NL] et al.	SYSTEM FOR CHARGING THE BATTERY OF AT LEAST ONE ELECTRIC VEHICLE, CHARGER AND METHOD
WO2012093493 A1	MITSUBISHI ELECTRIC CORP [JP] et al.	CHARGING AND DISCHARGING APPARATUS
WO2012090341 A1	PANASONIC CORP [JP] et al.	POWER CONTROL DEVICE FOR CONTACTLESS CHARGING DEVICE
WO2012086167 A1	NEC CORP [JP] et al.	QUICK CHARGING SYSTEM, CONTROL APPARATUS, METHOD OF CONTROLLING AMOUNT OF POWER

		STORED, AND PROGRAM
WO2012086048 A1	TOYOTA MOTOR CO LTD [JP], SAGATA KOJI [JP]	NON-CONTACT CHARGING SYSTEM, NON-CONTACT CHARGING METHOD, NON-CONTACT CHARGING TYPE VEHICLE, AND NON-CONTACT CHARGING MANAGEMENT DEVICE
WO2012085390 A1	VALEO SYS CONTROLE MOTEUR SAS [FR] et al.	ELECTRICAL CONNECTOR FOR A MOTOR VEHICLE
WO2012078822 A1	AEROVIRONMENT INC [US] et al.	VEHICLE CHARGING SYSTEM INTEGRATING MULTIPLE CHARGING SERVICE PROVIDERS

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CAMBIO DE BATERÍAS

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WO2012119424 A1	NARI TECHNOLOGY DEV CO LTD [CN] et al.	BATTERY REPLACEMENT SYSTEM OF ELECTRIC VEHICLE BATTERY REPLACEMENT STATION AND REPLACEMENT METHOD THEREOF
WO2012117188 A1	RENAULT SA [FR], MULATO GILLES [FR]	STRUCTURE FOR SUPPORTING AN ELECTRIC BATTERY THAT POWERS AN ELECTRIC MOTOR PROPELLING A MOTOR VEHICLE
WO2012116916 A2	CONTINENTAL AUTOMOTIVE GMBH [DE], SCHOLZ ULRIKE [DE]	BATTERY CHANGING DEVICE
WO2012116608 A1	GUANGZHOU SAIDAO ELECTRIC TECHNOLOGIES PTE LTD [CN], MEI SHENG [CN]	ELECTRICAL VEHICLE AND BATTERY EXCHANGE SYSTEM THEREOF AND CONTROL METHOD FOR BATTERY EXCHANGE SYSTEM
WO2012100546 A1	HANGZHOU ELECTRIC POWER BUREAU [CN] et al.	METHOD AND SYSTEM FOR CONTROLLING BATTERY REPLACEMENT ACCORDING TO MILEAGE DATA
WO2012094819 A1	SHENZHEN SHENLING CAR CO LTD [CN], SUN MUCHU [CN]	BATTERY BOX OUTPUT POWER AUTOMATIC CONNECTION DEVICE AND ELECTRIC VEHICLE USING THE DEVICE
WO2012093233 A1	QUEMENEUR YVES [FR]	DEVICE FOR EXCHANGING A REMOVABLE CONTAINER FOR AN ELECTRIC BATTERY OF AN ELECTRIC VEHICLE, ASSOCIATED REMOVABLE CONTAINER AND ASSOCIATED REMOVABLE CONTAINER EXCHANGE STATION
WO2012076374 A2	HUF HUELSBECK & FUERST GMBH [DE] et al.	SECURITY SYSTEM AND METHOD FOR OPERATING A SECURITY SYSTEM
WO2012069907 A1	TOYOTA MOTOR CO LTD [JP], KURIMOTO YASUHIDE [JP]	POWER SUPPLY STACK REPLACEMENT METHOD, CONTROL DEVICE, AND STORAGE MEDIUM STORING CONTROL PROGRAM
WO2012083582 A1	CHINA ELECTRIC POWER RES INST [CN] et al.	AUTOMATIC WAREHOUSE TYPE CHARGER FOR POWER BATTERY OF ELECTROMOBILE

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