

Noticias

La Oficina Europea de Patentes (OEP) y la Oficina de Patentes y Marcas de Estados Unidos (USPTO) acaban de poner en marcha el nuevo esquema de clasificación CPC (Cooperative Patent Classification), un sistema de clasificación global para los documentos de patentes. El nuevo esquema de clasificación CPC, que incluye aproximadamente 250.000 símbolos, está basado en el sistema de clasificación europea (ECLA) e incorpora las mejores prácticas de clasificación de la OEP y la USPTO, y permite a los examinadores y usuarios de patentes de todo el mundo realizar búsquedas accediendo a las mismas colecciones de documentos de patentes clasificados.

La nueva clasificación CPC incluye una sección denominada Y que puede resultar relevante a la hora de realizar búsquedas relacionadas con el coche eléctrico. La sección Y recogerá nuevos desarrollos tecnológicos en general y tecnologías transversales dispersas en varias secciones de la CIP (Clasificación Internacional de Patentes). En particular, la clasificación Y02T recogerá tecnologías

dirigidas a mitigar el cambio climático relacionadas con el transporte, encontrando allí grupos de clasificación relacionados con vehículos híbridos o eléctricos.

Por otro lado, según datos de la Asociación Nacional de Fabricantes de Automóviles y Camiones (ANFAC), los vehículos híbridos y eléctricos supusieron un 1,4% de la cuota de mercado de automóviles turismo en 2012.

El Nissan Leaf fue el turismo eléctrico más vendido, seguido de los modelos Fluence ZE de Renault, el iOn de Peugeot y el C-Zero de Citroën. También se matricularon vehículos eléctricos de rango extendido como son el Opel Ampera o el Chevrolet Volt. Además, el Twizy de Renault fue el modelo eléctrico más vendido, pero no tiene la categoría de turismo. En el apartado de vehículos híbridos, Toyota fue la marca que más vendió, disponiendo de cuatro modelos en el mercado. También se vendieron vehículos híbridos de Lexus, Peugeot, Citroën, Honda, Mercedes, Porsche y Audi entre otros.

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
WO2012167269 A2	ENERDEL INC [US] et al.	ENERGY STORAGE SYSTEM
WO2012167057 A2	UNIV CASE WESTERN RESERVE [US] et al.	IRON BASED FLOW BATTERIES
WO2012166095 A1	EMPIRE TECHNOLOGY DEV LLC [US], KRUGLICK EZEKIEL [US]	DEVICE BATTERY MANAGEMENT
WO2012165913 A2	LG CHEMICAL LTD [KR] et al.	NEGATIVE ELECTRODE FOR A SECONDARY BATTERY AND SECONDARY BATTERY HAVING SAME
WO2012165862 A2	LG CHEMICAL LTD [KR] et al.	APPARATUS FOR ULTRASONIC WELDING AND SECONDARY BATTERY HAVING AN ELECTRODE STRUCTURE WITH IMPROVED STRENGTH
WO2012165846 A2	SK INNOVATION CO LTD [KR] et al.	PARTITION OF POUCH TYPE SECONDARY BATTERY
WO2012165758 A1	KOKAM CO LTD [KR] et al.	LITHIUM SECONDARY BATTERY
WO2012165654 A1	SUMITOMO METAL MINING CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS SECONDARY BATTERIES, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING POSITIVE ELECTRODE ACTIVE MATERIAL
WO2012165567 A1	NEOMAX MATERIALS CO LTD [JP] et al.	NEGATIVE ELECTRODE TERMINAL FOR BATTERY AND METHOD FOR PRODUCING NEGATIVE ELECTRODE TERMINAL FOR BATTERY
WO2012165519 A1	SANYO ELECTRIC CO [JP] et al.	ALKALINE STORAGE CELL AND ALKALINE STORAGE CELL SYSTEM
WO2012165340 A1	HITACHI LTD [JP] et al.	BATTERY SYSTEM
WO2012165338 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	RECTANGULAR BATTERY
WO2012165323 A1	SANYO ELECTRIC CO [JP] et al.	RECTANGULAR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012165252 A1	TOYOTA JIDOSHOKKI KK [JP], OISHI HIDEFUMI [JP]	POWER STORAGE DEVICE
WO2012165210 A1	YAZAKI CORP [JP] et al.	CONNECTOR
WO2012164846 A1	ADVANTEST CORP [JP] et al.	WIRELESS POWER-RECEIVING DEVICE, WIRELESS POWER-SUPPLY DEVICE AND WIRELESS POWER-SUPPLY SYSTEM, AND AUTOMATIC-TUNING AUXILIARY CIRCUIT
WO2012164845 A1	ADVANTEST CORP [JP] et al.	WIRELESS POWER-RECEIVING DEVICE, WIRELESS POWER-SUPPLY DEVICE AND WIRELESS POWER-SUPPLY SYSTEM, AND AUTOMATIC-TUNING AUXILIARY CIRCUIT
WO2012164760 A1	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR MANUFACTURING ELECTRODE ACTIVE MATERIAL AND ELECTRODE ACTIVE MATERIAL
WO2012164752 A1	SUMITOMO METAL MINING CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS SECONDARY BATTERIES, METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING POSITIVE ELECTRODE ACTIVE MATERIAL
WO2012164723 A1	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR MANUFACTURING ALL-SOLID CELL

WO2012164642 A1	TOYOTA MOTOR CO LTD [JP], TANAKA TAKUMI [JP]	BIPOLAR ALL-SOLID-STATE BATTERY
WO2012164635 A1	TOYOTA MOTOR CO LTD [JP] et al.	BUS BAR CASE, ELECTRIC STORAGE DEVICE, AND VEHICLE
WO2012163656 A1	BOSCH GMBH ROBERT [DE] et al.	SECURITY ARCHITECTURE, BATTERY AND MOTOR VEHICLE HAVING A CORRESPONDING BATTERY
WO2012163460 A1	BAYERISCHE MOTOREN WERKE AG [DE], GOESMANN HUBERTUS [DE]	ENERGY STORAGE MODULE COMPRISING A PLURALITY OF, IN PARTICULAR, PRISMATIC STORAGE CELLS, AND METHOD FOR PRODUCING AN ENERGY STORAGE MODULE, AND ALSO METHOD FOR PRODUCING AN END PLATE FOR AN ENERGY STORAGE MODULE
WO2012163426 A1	PAILLARD ELIE [DE] et al.	ELECTRODE MATERIAL FOR LITHIUM AND LITHIUM ION BATTERIES
WO2012162813 A1	MAGNA E CAR SYSTEMS LTD PARTNERSHIP [CA], CHU SEUNGWOO [CA]	POUCH-TYPE BATTERY CELL
WO2012161989 A1	SION POWER CORP [US] et al.	ELECTROCHEMICAL CELL, COMPONENTS THEREOF, AND METHODS OF MAKING AND USING SAME
WO2012161482 A2	LG CHEMICAL LTD [KR] et al.	HIGH ENERGY DENSITY LITHIUM SECONDARY BATTERY HAVING ENHANCED ENERGY DENSITY CHARACTERISTIC
WO2012161480 A2	LG CHEMICAL LTD [KR] et al.	HIGH OUTPUT LITHIUM SECONDARY BATTERY HAVING ENHANCED OUTPUT DENSITY CHARACTERISTIC
WO2012161479 A2	LG CHEMICAL LTD [KR] et al.	HIGH OUTPUT LITHIUM SECONDARY BATTERY HAVING ENHANCED OUTPUT DENSITY CHARACTERISTIC
WO2012161477 A2	LG CHEMICAL LTD [KR] et al.	HIGH OUTPUT LITHIUM SECONDARY BATTERY HAVING ENHANCED OUTPUT DENSITY CHARACTERISTIC
WO2012161476 A2	LG CHEMICAL LTD [KR] et al.	HIGH ENERGY DENSITY LITHIUM SECONDARY BATTERY HAVING ENHANCED ENERGY DENSITY CHARACTERISTIC
WO2012161474 A2	LG CHEMICAL LTD [KR] et al.	HIGH-POWER LITHIUM SECONDARY BATTERY HAVING IMPROVED OUTPUT DENSITY PROPERTIES
WO2012161190 A1	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICE, NEGATIVE ELECTRODE FOR ELECTRICAL DEVICE AND ELECTRICAL DEVICE
WO2012161137 A1	SHIN KOBE ELECTRIC MACHINERY [JP], SATO AKIRA [JP]	LITHIUM ION SECONDARY BATTERY
WO2012160922 A1	mitsubishi MOTORS CORP [JP] et al.	AIR-CONDITIONING CONTROL DEVICE FOR BATTERY PACK
WO2012160858 A1	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICES
WO2012160854 A1	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICES
WO2012160822 A1	PANASONIC CORP [JP] et al.	ELECTRODE, METHOD FOR MANUFACTURING SAME, ENERGY DEVICE INCLUDING SAME, ELECTRONIC EQUIPMENT, AND TRANSPORT DEVICE
WO2012160754 A1	PANASONIC CORP [JP], KURANUKI MASAOKI	POWER STORAGE APPARATUS, MOBILE DEVICE, AND ELECTRIC-POWERED VEHICLE
WO2012160698 A1	TOYOTA MOTOR CO LTD [JP], YOSHIDA SATOSHI [JP]	COATED ACTIVE MATERIAL, AND LITHIUM SOLID-STATE BATTERY
WO2012160696 A1	TOYOTA MOTOR CO LTD [JP] et al.	BATTERY ASSEMBLY DEVICE AND METHOD FOR MANUFACTURING BATTERY ASSEMBLY
WO2012160661 A1	TOYOTA MOTOR CO LTD [JP], OTOMO TAKAMASA [JP]	BATTERY AND METHOD FOR MANUFACTURING SAME
WO2012160301 A1	RENAULT SA [FR], DRIEMEYER-FRANCO ANA-LUCIA [FR]	METHOD OF ESTIMATING THE STATE OF CHARGE OF AN ELECTRIC BATTERY

WO2012155082 A1	GRIDTENTIAL ENERGY INC [US], BORDEN PETER GUSTAVE [US]	AN IMPROVED BATTERY AND ASSEMBLY METHOD
WO2012158499 A2	AIC BLAB COMPANY [US], LEV FRANK [CA]	LPCS FORMED COMPOSITE CURRENT COLLECTOR AND METHODS THEREFOR
WO2012154750 A2	CERAMATEC INC [US] et al.	ALKALI METAL ION BATTERY USING ALKALI METAL CONDUCTIVE CERAMIC SEPARATOR
WO2012157966 A2	LG CHEMICAL LTD [KR] et al.	BATTERY PACK HAVING EXCELLENT STRUCTURAL RELIABILITY
WO2012157892 A2	SK INNOVATION CO LTD [KR], JEONG BYOUNG CHEON [KR]	SEALING METHOD AND DEVICE OF POUCH TYPE SECONDARY BATTERY
WO2012157857 A2	LG CHEMICAL LTD [KR] et al.	BATTERY PACK HAVING EXCELLENT STRUCTURAL RELIABILITY
WO2012157464 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	POWER STORAGE APPARATUS
WO2012153613 A1	SONY CORP [JP], TAKESHI KAZUMASA [JP]	SECONDARY BATTERY, METHOD FOR PRODUCING SECONDARY BATTERY, SECONDARY BATTERY POSITIVE ELECTRODE, METHOD FOR PRODUCING SECONDARY BATTERY POSITIVE ELECTRODE, BATTERY PACK, BATTERY DEVICE, ELECTRIC VEHICLE, POWER SYSTEM, AND POWER SOURCE FOR POWER STORA
WO2012157332 A1	NISSAN MOTOR [JP] et al.	BATTERY PACK STRUCTURE FOR ELECTRIC VEHICLES
WO2012157331 A1	NISSAN MOTOR [JP] et al.	BATTERY PACK STRUCTURE FOR ELECTRIC VEHICLES
WO2012157315 A1	NISSAN MOTOR [JP] et al.	BATTERY PACK STRUCTURE FOR ELECTRIC VEHICLES
WO2012153487 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	NEGATIVE ACTIVE MATERIAL FOR RECHARGEABLE LITHIUM ION BATTERY AND MANUFACTURING METHOD FOR SAME, AND RECHARGEABLE LITHIUM ION BATTERY AND MANUFACTURING METHOD FOR SAME
WO2012153469 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	ELECTRODE FOR LITHIUM ION SECONDARY BATTERIES, METHOD FOR PRODUCING SAME AND LITHIUM ION SECONDARY BATTERY USING ELECTRODE FOR LITHIUM ION SECONDARY BATTERIES
WO2012157049 A1	TOYOTA MOTOR CO LTD [JP] et al.	AIR CONDITIONER CONTROL DEVICE
WO2012157046 A1	TOYOTA MOTOR CO LTD [JP], IWASAKI MASAHIRO [JP]	ELECTRODE BODY, ALL-SOLID CELL, AND METHOD FOR MANUFACTURING COATED ACTIVE MATERIAL
WO2012153379 A1	TOYOTA MOTOR CO LTD [JP], NAGAI HIROKI [JP]	LITHIUM ION SECONDARY CELL
WO2012156488 A1	BEHR GMBH & CO KG [DE] et al.	DEVICE AND METHOD FOR COOLING AN ENERGY STORE OF A VEHICLE
WO2012156233 A2	FRAUNHOFER GES FORSCHUNG [DE] et al.	DEVICE AND METHOD FOR DETERMINING A STATE PARAMETER OF A BATTERY
WO2012152444 A1	AUDI NSU AUTO UNION AG [DE] et al.	HV-BATTERY, IN PARTICULAR A TRACTION BATTERY FOR A VEHICLE
WO2012156031 A1	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	METHOD FOR SELECTING ELECTROCHEMICAL CELLS DURING THE PRODUCTION OF A BATTERY AND BATTERY HAVING ELECTROCHEMICAL CELLS
WO2012152381 A2	AUDI NSU AUTO UNION AG [DE], PAPAJEWSKI JENS [DE]	METHOD FOR OPERATING A MOTOR VEHICLE WITH A HYBRID DRIVE
WO2012155195 A1	UNIV WOLLONGONG [AU], LIU HUA KUN [AU]	LIQUID ASSISTED GRINDING METHOD FOR PRODUCING IMPROVED BATTERY MATERIAL

WO2012151190 A2	BRIGHT AUTOMOTIVE INC [US] et al.	CLOSE-COUPLED DRY BATTERY SYSTEM FOR HYBRID AND ELECTRIC VEHICLES
WO2012148211 A2	SK INNOVATION CO LTD [KR] et al.	BATTERY MODULE
WO2012148209 A2	SK INNOVATION CO LTD [KR] et al.	BATTERY PACK INCLUDING OVERCURRENT PROTECTOR
WO2012150384 A1	IFP ENERGIES NOUVELLES [FR] et al.	OPTIMIZED METHOD FOR MANAGING HEAT IN AN ELECTROCHEMICAL STORAGE SYSTEM
WO2012148160 A2	LG CHEMICAL LTD [KR] et al.	BATTERY PACK STORAGE APPARATUS AND COOLING APPARATUS FOR POWER STORAGE BATTERY PACK USING SAME
WO2012147783 A1	SANYO ELECTRIC CO [JP] et al.	NONAQUEOUS ELECTROLYTE SECONDARY CELL
WO2012144639 A1	YAZAKI CORP [JP] et al.	RESONANCE-TYPE NON-CONTACT POWER SUPPLY SYSTEM
WO2012144618 A1	SHOWA DENKO KK [JP] et al.	GRAPHITE/CARBON MIXED MATERIAL, CARBON MATERIAL FOR BATTERY ELECTRODES, AND BATTERY
WO2012144617 A1	SHOWA DENKO KK [JP] et al.	GRAPHITE MATERIAL, CARBON MATERIAL FOR BATTERY ELECTRODE, AND BATTERY
WO2012144201 A1	PANASONIC CORP [JP] et al.	NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY
WO2012144491 A1	SEKISUI CHEMICAL CO LTD [JP], OKA RYUJI [JP]	POWER CONTROL SYSTEM
WO2012143120 A1	VALEO SYSTEMES THERMIQUES [FR] et al.	DEVICE FOR MANAGING THE TEMPERATURE OF A BATTERY PACK
WO2012147555 A1	DOWA ECO SYSTEM CO LTD [JP] et al.	LITHIUM CARBONATE PRODUCTION METHOD AND LITHIUM CARBONATE PRODUCTION DEVICE
WO2012150119 A1	SB LIMOTIVE CO LTD [KR] et al.	METHOD FOR MONITORING THE TEMPERATURE OF A BATTERY CELL
WO2012150117 A1	SB LIMOTIVE CO LTD [KR] et al.	BATTERY HOUSING FOR LITHIUM-ION CELLS
WO2012142284 A1	JOHNSON CONTROLS TECHNOLOGY LLC [US] et al.	BATTERY SYSTEM HAVING AN EXTERNAL THERMAL MANAGEMENT SYSTEM
WO2012141503 A2	DONGJIN SEMICHEM CO LTD [KR] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL, METHOD FOR PREPARING SAME, AND POSITIVE ELECTRODE AND LITHIUM BATTERY USING SAME
WO2012141258 A1	TODA KOGYO CORP [JP] et al.	Li-Ni COMPOSITE OXIDE PARTICLE POWDER AND PROCESS FOR PRODUCING SAME, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012139553 A2	KARLSRUHER INST TECHNOLOGIE [DE] et al.	ON IMPROVEMENTS IN ELECTROLYTE BATTERIES
WO2012144391 A1	PRIMEARTH EV ENERGY CO LTD [JP] et al.	ALKALINE STORAGE BATTERY CATHODE, METHOD FOR PRODUCING ALKALINE STORAGE BATTERY CATHODE, ALKALINE STORAGE BATTERY, METHOD FOR PRODUCING ALKALINE STORAGE BATTERY, CATHODE ACTIVE MATERIAL FOR ALKALINE STORAGE BATTERY, METHOD FOR PRODUCING CATHODE ACTIV
WO2012141214 A1	ADC TECHNOLOGY INC [JP] et al.	ELECTRIC VEHICLE
WO2012141207 A1	mitsui mining & smelting co [JP], MIYASHITA NORIHIKO [JP]	METHOD FOR PRODUCING LITHIUM SULFIDE FOR LITHIUM ION CELL SOLID ELECTROLYTE MATERIAL
WO2012137935 A1	NISSAN MOTOR [JP] et al.	DEVICE FOR PRODUCING BAGGED ELECTRODE AND METHOD FOR PRODUCING BAGGED ELECTRODE
WO2012137919 A1	NISSAN MOTOR [JP] et al.	CONVEYANCE DEVICE AND CONVEYANCE METHOD FOR BATTERY ELECTRODE MEMBER

WO2012137918 A1	NISSAN MOTOR [JP] et al.	LAMINATION DEVICE AND LAMINATION METHOD
WO2012137917 A1	NISSAN MOTOR [JP] et al.	LAMINATION DEVICE AND LAMINATION METHOD
WO2012137905 A1	NISSAN MOTOR [JP] et al.	JOINING DEVICE AND JOINING METHOD
WO2012140855 A1	DENSO CORP [JP] et al.	POWER SUPPLY SYSTEM
WO2012139742 A1	LI TEC BATTERY GMBH [DE], KAISER JOERG [DE]	HIGH VOLTAGE LITHIUM ION BATTERY
WO2012138115 A2	SHINE CO LTD [KR] et al.	BATTERY HAVING ELECTRODE STRUCTURE INCLUDING METAL FIBER AND PREPARATION METHOD OF ELECTRODE STRUCTURE
WO2012136357 A2	DAIMLER AG [DE] et al.	DEVICE AND METHOD FOR CHECKING THE LEAK-TIGHTNESS OF AN ELECTROCHEMICAL ENERGY ACCUMULATOR
WO2012134356 A2	JOINT STOCK OPENED AUTONOMOUS POWER SOURCES PLANT [RU]	CATHODIC ACTIVE MATERIAL ON THE BASIS OF LITHIATED IRON PHOSPHATE WITH A MODIFYING MANGANESE ADDITIVE
WO2012137703 A1	FURUKAWA ELECTRIC CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL, NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND PROCESS FOR PRODUCING POSITIVE ELECTRODE ACTIVE MATERIAL
WO2012135758 A1	JOHNSON CONTROLS TECHNOLOGY LLC [US] et al.	BATTERY MODULE AND METHOD INCORPORATING EXTERIOR CASING AND LINER
WO2012133815 A1	LINK CO LTD [JP] et al.	SECONDARY BATTERY AND PROCESS FOR PRODUCING SAME
WO2012137456 A1	TOYOTA MOTOR CO LTD [JP] et al.	METHOD FOR DETERMINING REMAINING LIFETIME
WO2012139904 A1	CONTINENTAL AUTOMOTIVE GMBH [DE], GREGER KLAUS [DE]	METHOD FOR CYCLICALLY DETERMINING THE CHARGE STATE OF AN ELECTRIC ENERGY STORE
WO2012133711 A1	SANYO ELECTRIC CO [JP] et al.	METHOD FOR PRODUCING POWER SOURCE DEVICE, POWER SOURCE DEVICE, AND VEHICLE PROVIDED WITH POWER SOURCE DEVICE
WO2012133710 A1	SANYO ELECTRIC CO [JP] et al.	POWER SUPPLY AND VEHICLE COMPRISING SAME
WO2012133709 A1	SANYO ELECTRIC CO [JP] et al.	POWER SOURCE DEVICE, AND VEHICLE PROVIDED WITH POWER SOURCE DEVICE
WO2012133708 A1	SANYO ELECTRIC CO [JP] et al.	POWER SOURCE DEVICE AND VEHICLE PROVIDED WITH POWER SOURCE DEVICE
WO2012133707 A1	SANYO ELECTRIC CO [JP] et al.	POWER SOURCE DEVICE AND VEHICLE PROVIDED WITH POWER SOURCE DEVICE
WO2012133654 A1	NEOMAX MATERIALS CO LTD [JP] et al.	NEGATIVE ELECTRODE TERMINAL AND COVER MEMBER FOR LITHIUM ION BATTERIES, AND LITHIUM ION BATTERY
WO2012130995 A1	CONTINENTAL TEVES AG & CO OHG [DE] et al.	CURRENT SENSOR
WO2012133584 A1	ASAHI GLASS CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR SECONDARY BATTERY, POSITIVE ELECTRODE FOR SECONDARY BATTERY, AND METHOD FOR PRODUCING SECONDARY BATTERY
WO2012133581 A1	ASAHI GLASS CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR SECONDARY BATTERY, POSITIVE ELECTRODE FOR SECONDARY BATTERY, AND METHOD FOR PRODUCING SECONDARY BATTERY
WO2012133511 A1	JX NIPPON OIL & ENERGY CORP [JP] et al.	CARBON MATERIAL FOR NEGATIVE ELECTRODE OF LITHIUM ION SECONDARY BATTERY, AND PRODUCTION METHOD THEREOF
WO2012133396 A1	SHOEI CHEMICAL IND CO [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR MAGNESIUM SECONDARY BATTERY, MAGNESIUM SECONDARY BATTERY, METHOD FOR MANUFACTURING POSITIVE ELECTRODE ACTIVE MATERIAL FOR MAGNESIUM SECONDARY BATTERY, AND METHOD FOR MANUFACTURING MAGNESIUM SECONDARY BATTERY

WO2012130433 A1	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	ELECTROCHEMICAL ENERGY STORAGE CELL COMPRISING A CURRENT INTERRUPTION DEVICE
WO2012133329 A1	SANYO ELECTRIC CO [JP] et al.	METHOD FOR MANUFACTURING RECTANGULAR SECONDARY BATTERY
WO2012141001 A1	UBE INDUSTRIES [JP] et al.	NON-AQUEOUS ELECTROLYTE SOLUTION AND ELECTRICITY-STORAGE DEVICE USING SAME
WO2012134108 A2	SK INNOVATION CO LTD [KR], LIM JAE HWAN [KR]	POUCHED TYPE SECONDARY BATTERY INCLUDING GAS DISCHARGING DEVICE AND GAS DISCHARGING CONTROL METHOD
WO2012137613 A1	MITSUI MINING & SMELTING CO [JP] et al.	POROUS METAL FOIL AND PRODUCTION METHOD THEREFOR
WO2012133212 A1	NEC CORP [JP], NISHIZAWA TOSHIHIRO [JP]	RECYCLED SECONDARY BATTERY SUPPLY FORECASTING SYSTEM AND RECYCLED SECONDARY BATTERY SUPPLY FORECAST USAGE
WO2012126100 A1	LITO GREEN MOTION INC [CA], LEGRIS JEAN-PIERRE [CA]	MOTOR VEHICLE POWER MANAGEMENT SYSTEM AND METHOD
WO2012133120 A1	UNIV TOKYO SCI EDUC FOUND [JP] et al.	LITHIUM SECONDARY BATTERY ANODE AND LITHIUM SECONDARY BATTERY PROVIDED WITH SAME
WO2012131235 A2	VALEO EQUIP ELECTR MOTEUR [FR], BAUDESSON PHILIPPE [FR]	METHOD AND SYSTEM FOR REDUNDANTLY SUPPLYING ELECTRICAL POWER TO A HYBRID MOTOR VEHICLE
WO2012128274 A1	SANYO ELECTRIC CO [JP] et al.	ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND PROCESS FOR PRODUCING SAME
WO2012133027 A1	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY SYSTEM
WO2012133016 A1	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012140835 A1	PANASONIC CORP [JP] et al.	BATTERY-HISTORY INFORMATION MANAGEMENT APPARATUS, BATTERY-HISTORY INFORMATION MANAGEMENT METHOD, BATTERY-HISTORY INFORMATION MANAGEMENT SYSTEM, AND POWER STORAGE APPARATUS
WO2012132999 A1	FUJIFILM CORP [JP] et al.	ALUMINUM BASE FOR CURRENT COLLECTOR, CURRENT COLLECTOR, POSITIVE ELECTRODE, NEGATIVE ELECTRODE, AND SECONDARY BATTERY
WO2012123815 A1	EV CHIP ENERGY LTD [IL], GANOR AVRAHAM [IL]	BATTERY PACK SYSTEM
WO2012128215 A1	SUMITOMO OSAKA CEMENT CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY AND MANUFACTURING METHOD THEREFOR, LITHIUM ION BATTERY ELECTRODE, AND LITHIUM ION BATTERY
WO2012132958 A1	SANYO ELECTRIC CO [JP] et al.	LITHIUM SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME
WO2012130399 A2	LI TEC BATTERY GMBH [DE], SCHAEFER TIM [DE]	ENERGY STORAGE DEVICE, ENERGY STORAGE CELL AND HEAT-CONDUCTING ELEMENT WITH AN ELASTIC MEANS
WO2012126111 A1	DANA CANADA CORP [CA] et al.	BATTERY CELL COOLER
WO2012125853 A1	UNIV CALIFORNIA [US] et al.	METHOD FOR THE PREPARATION OF GRAPHENE/SILICON MULTILAYER STRUCTURED ANODES FOR LITHIUM ION BATTERIES
WO2012132934 A1	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND PROCESS FOR PRODUCING SAME
WO2012128160 A1	SANYO ELECTRIC CO [JP] et al.	POSITIVE ELECTRODE PLATE FOR ANHYDROUS ELECTROLYTE SECONDARY CELL, METHOD FOR MANUFACTURING POSITIVE ELECTRODE PLATE, AND ANHYDROUS ELECTROLYTE SECONDARY CELL AND METHOD FOR MANUFACTURING SAME
WO2012128150 A1	JX NIPPON MINING & METALS CORP [JP], KAKITANI AKIHIRO [JP]	COPPER ALLOY BAR USED FOR BATTERY TAB MATERIAL FOR CHARGING

WO2012128144 A1	SUMITOMO OSAKA CEMENT CO LTD [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION BATTERIES, METHOD FOR PRODUCING SAME, ELECTRODE FOR LITHIUM ION BATTERIES, AND LITHIUM ION BATTERY
WO2012139690 A1	BAYERISCHE MOTOREN WERKE AG [DE] et al.	ENERGY STORAGE MODULE COMPRISING A PLURALITY OF PRISMATIC STORAGE CELLS AND METHOD FOR PRODUCING AN END PLATE OF THE ENERGY STORAGE MODULE
WO2012126581 A2	PORSCHE AG [DE] et al.	ELECTRICAL ENERGY STORE OF A MOTOR VEHICLE
WO2012148577 A1	TOYOTA ENG & MFG NORTH AMERICA [US], MATSUI MASAKI [US]	ACTIVE MATERIAL FOR RECHARGEABLE BATTERY
WO2012128071 A1	SANYO ELECTRIC CO [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012132266 A1	PANASONIC CORP [JP] et al.	NONAQUEOUS ELECTROLYTE BATTERY
WO2012130385 A1	BAYERISCHE MOTOREN WERKE AG [DE], LOPEZ DE ARROYABE JOSE [DE]	BATTERY SYSTEM
WO2012132813 A1	NISSAN MOTOR [JP] et al.	ADDITIVE FOR SODIUM ION SECONDARY BATTERIES, AND SODIUM ION SECONDARY BATTERY
WO2012136439 A1	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	ELECTRICAL ENERGY STORE COMPRISING A PLURALITY OF CELLS AND AT LEAST ONE COOLING ELEMENT ARRANGED BETWEEN THE CELLS
WO2012150060 A1	BOSCH GMBH ROBERT [DE] et al.	CATHODE MATERIAL FOR ALKALI METAL-SULPHUR CELL
WO2012127796 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	PROCESS FOR PRODUCING LITHIUM-CONTAINING COMPOSITE OXIDE, POSITIVE ELECTRODE ACTIVE MATERIAL, AND SECONDARY BATTERY
WO2012127790 A1	UNIV TSUKUBA [JP] et al.	BINDER-FREE BATTERY, AND BINDER-FREE POSITIVE ELECTRODE MEMBER FOR BATTERY
WO2012128484 A2	LG CHEMICAL LTD [KR] et al.	BATTERY CELL HOLDER HAVING IMPROVED CONNECTION RELIABILITY, AND BATTERY MODULE INCLUDING SAME
WO2012124477 A1	NISSAN MOTOR [JP] et al.	BATTERY TEMPERATURE CONTROL DEVICE
WO2012131202 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	CURRENT-REVERSIBLE VOLTAGE REGULATING DEVICE AND AN ELECTRICAL ARCHITECTURE INTENDED TO BE FITTED TO AN AUTOMOTIVE VEHICLE COMPRISING SUCH A DEVICE
WO2012134659 A1	CHANGS ASCENDING ENTPR CO LTD et al.	HIGH VOLTAGE BATTERY SYSTEM FOR VEHICLE APPLICATIONS
WO2012124256 A1	PANASONIC CORP [JP] et al.	POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, POSITIVE ELECTRODE USING SAME, AND METHOD FOR PRODUCING POSITIVE ELECTRODE ACTIVE MATERIAL
WO2012150047 A1	SCHAEFFLER TECHNOLOGIES AG [DE] et al.	BATTERY HOUSING
WO2012132186 A1	PANASONIC CORP [JP] et al.	BATTERY MODULE AND MANUFACTURING METHOD THEREFOR
WO2012124242 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	CATHODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, METHOD FOR PRODUCING SAME, AND NON- AQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAME
WO2012148070 A1	LG CHEMICAL LTD [KR] et al.	DEVICE AND METHOD FOR ESTIMATING THE DEGRADATION OF BATTERY CAPACITY
WO2012146046 A1	SHENZHEN HIFUTURE ELECTRIC [CN]	POLYIMIDE CAPACITANCE BATTERY AND MANUFACTURING METHOD THEREOF
WO2012132160 A1	NEC ENERGY DEVICES LTD [JP] et al.	DEVICE FOR MEASURING DEGRADATION, RECHARGEABLE BATTERY PACK, METHOD FOR MEASURING DEGRADATION, AND PROGRAM

WO2012132155 A1	TODA KOGYO CORP [JP] et al.	MANGANESE-NICKEL COMPOSITE OXIDE PARTICLE POWDER, PRODUCTION METHOD THEREFOR, POSITIVE-ELECTRODE ACTIVE MATERIAL PARTICLE POWDER FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, PRODUCTION METHOD THEREFOR, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012143031 A2	DAIMLER AG [DE], MAIHOFER CHRISTIAN [DE]	METHOD FOR PROVIDING VEHICLE DATA ON A VEHICLE INTERNET SITE
WO2012128445 A1	LG CHEMICAL LTD [KR] et al.	METHOD AND DEVICE FOR CONTROLLING BATTERY PACK CONNECTION
WO2012139604 A1	MOOVE GMBH E [AT] et al.	METHOD FOR OPERATING AN ENERGY STORAGE ASSEMBLY
WO2012124211 A1	mitsubishi MOTORS CORP [JP] et al.	LITHIUM-ION BATTERY CAPACITY RECOVERY METHOD
WO2012127548 A1	PANASONIC CORP [JP], TAKAHASHI KEIICHI	NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY
WO2012128441 A1	ILJIN ELECTRIC [KR] et al.	POWER SUPPLY APPARATUS FOR RAPID CHARGING
WO2012127717 A1	NEC CORP [JP] et al.	SECONDARY BATTERY
WO2012140791 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY MODULE
WO2012150636 A1	TOYOTA MOTOR CO LTD [JP], YOSHIDA JUN [JP]	LITHIUM TYPE-II BATTERY
WO2012150635 A1	TOYOTA MOTOR CO LTD [JP] et al.	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
WO2012146306 A2	SIEMENS AG [DE] et al.	METHOD FOR LIMITING ELECTRICAL POWER
WO2012147134 A1	TOYOTA MOTOR CO LTD [JP] et al.	BATTERY ASSEMBLY, AND VEHICLE
WO2012147128 A1	TOYOTA MOTOR CO LTD [JP], MURATA TAKASHI [JP]	VEHICLE POWER SOURCE AND VEHICLE
WO2012147126 A1	TOYOTA MOTOR CO LTD [JP] et al.	POWER SOURCE
WO2012143995 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY
WO2012140776 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	CHARGING CONTROL DEVICE
WO2012140728 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	CELL BLOCK
WO2012140727 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	SECONDARY BATTERY MODULE
WO2012141342 A1	KOREA ADVANCED INST SCI & TECH [KR] et al.	MAGNETIC FIELD SCREENING DEVICE
WO2012140712 A1	TOYOTA MOTOR CO LTD [JP] et al.	BATTERY SYSTEM AND VEHICLE
WO2012137289 A1	HITACHI VEHICLE ENERGY LTD [JP], SUGA ATSUO [JP]	ELECTRICAL STORAGE MODULE
WO2012131837 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	BATTERY BLOCK AND POWER SUPPLY DEVICE
WO2012127659 A1	MUTOH NOBUYOSHI [JP] et al.	ELECTRIC AUTOMOBILE, AND ELECTRIC POWER SOURCE DEVICE FOR ELECTRIC AUTOMOBILE

WO2012127653 A1	TOYOTA MOTOR CO LTD [JP], KATO KAZUHITO [JP]	ELECTRODE ASSEMBLY, CELL, AND METHOD FOR PRODUCING ELECTRODE ASSEMBLY
WO2012123596 A1	AUTOTECH ENGINEERING AIE [ES] et al.	BATTERY STORE FOR AN ELECTRIC VEHICLE
WO2012167117 A2	ENERG2 TECHNOLOGIES INC [US] et al.	CARBON-LEAD BLENDS FOR USE IN HYBRID ENERGY STORAGE DEVICES
WO2012152594 A2	BOSCH GMBH ROBERT [DE] et al.	BATTERY DOUBLE MODULE
WO2012147121 A1	TOYOTA MOTOR CO LTD [JP] et al.	CELL PACK

[...volver a CONTENIDO](#)

SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012160866 A1	NISSAN MOTOR [JP] et al.	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICES
WO2012152780 A2	BAYERISCHE MOTOREN WERKE AG [DE], GORKA MATTHIAS [DE]	POWER ELECTRONICS APPARATUS AND CONTROL METHOD FOR AN ELECTRIC MACHINE AND FOR ELECTRICAL ENERGY STORES
WO2012147777 A1	TEIJIN LTD [JP] et al.	HIGH-INSULATING FILM
WO2012140363 A1	RENAULT SA [FR] et al.	DEVICE AND METHOD FOR BALANCING BATTERY CELLS
WO2012146463 A1	SIEMENS AG [DE] et al.	ENERGY STORAGE APPARATUS COMPRISING A PLURALITY OF STORAGE MODULES FOR ELECTRICAL ENERGY
WO2012139843 A2	BOSCH GMBH ROBERT [DE] et al.	STORAGE UNIT HAVING AN ENERGY STORAGE MEANS WITH WHICH CONTACT IS MADE IN A RESILIENT MANNER
WO2012139839 A2	BOSCH GMBH ROBERT [DE] et al.	STORAGE UNIT FOR STORING ELECTRICAL ENERGY
WO2012139838 A1	BOSCH GMBH ROBERT [DE] et al.	STORAGE UNIT FOR STORING ELECTRICAL ENERGY HAVING A COOLING ELEMENT
WO2012127991 A1	JM ENERGY CORP [JP] et al.	POWER STORAGE DEVICE
WO2012129690 A1	UNIV ALBERTA [CA] et al.	CNT COMPOSITES

[...volver a CONTENIDO](#)

SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012164232 A2	ADELTELE EQUIPMENT [FR], CROSET ALAIN [FR]	CAPACITIVE ENERGY STORAGE SYSTEM
WO2012160984 A1	HITACHI CONSTRUCTION MACHINERY [JP] et al.	ELECTRIC DRIVE SYSTEM FOR CONSTRUCTION MACHINE
WO2012159686 A1	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR OPERATING A MOTOR VEHICLE
WO2012159449 A1	XU HONGWEI [CN]	ELECTRIC CAR HAVING ELECTRIC SELF-PROPELLED WHEELS
WO2012156037 A2	VOLKSWAGEN AG [DE] et al.	METHOD AND DEVICE FOR CONTROLLING A BRAKING POWER OF AN ELECTRIC OR HYBRID VEHICLE
WO2012151344 A1	BOSCH GMBH ROBERT [DE] et al.	FUZZY LOGIC BASED BRAKE CONTROL
WO2012143689 A1	RICARDO UK LTD [GB] et al.	AN ENERGY STORAGE SYSTEM
WO2012132435 A1	PANASONIC CORP [JP], NISHIO TSUYOSHI	VEHICLE POWER SUPPLY DEVICE
WO2012128600 A2	CONTINENTAL AUTOMOTIVE SYSTEMS [KR], CHOI JANG HYUN [KR]	SYSTEM AND METHOD FOR CONTROLLING A BRAKE AFTER A VEHICLE IS PARKED
WO2012128102 A1	NTN TOYO BEARING CO LTD [JP], OKADA KOICHI [JP]	MOTOR DRIVING DEVICE
WO2012131506 A2	MARTIN TIM [GB], PROTEAN ELECTRIC LTD [GB]	AN ELECTRIC MOTOR ARRANGEMENT AND METHOD OF CONTROLLING THEREOF
WO2012129891 A2	CHONGQING CHANGAN AUTOMOBILE [CN] et al.	METHOD AND SYSTEM FOR FEEDBACK CONTROL OF BRAKING ENERGY IN PURE ELECTRIC VEHICLE - (A3) METHOD AND SYSTEM FOR BRAKING ENERGY FEEDBACK CONTROL IN PURE ELECTRIC VEHICLE
WO2012147177 A1	TOYOTA MOTOR CO LTD [JP] et al.	CONTROL DEVICE FOR VEHICLE
WO2012144663 A1	KOREA ADVANCED INST SCI & TECH [KR] et al.	METHOD FOR CONTROLLING DISTRIBUTION OF CHARGING POWER
WO2012141344 A1	KOREA ADVANCED INST SCI & TECH [KR] et al.	REGENERATIVE BRAKING CONTROL METHOD
WO2012141343 A1	KOREA ADVANCED INST SCI & TECH [KR] et al.	REGENERATIVE BRAKING CONTROL SYSTEM
WO2012128770 A1	INT TRUCK INTELLECTUAL PROP CO [US], BISSONTZ JAY E [US]	CONTROL SYSTEM FOR VEHICLE EQUIPPED FOR REGENERATIVE BRAKING
WO2012137565 A1	SCHOOL JURIDICAL PERSON OF FUKUOKA KOGYO DAIGAKU [JP], SUCIU CLAUDIU VALENTIN [JP]	COLLOIDAL DAMPER

[...volver a CONTENIDO](#)

MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012167274 A1	REMY TECHNOLOGIES LLC [US] et al.	ELECTRIC MACHINE MODULE COOLING SYSTEM AND METHOD
WO2012165780 A1	SSANGYONG MATERIALS CORP [KR] et al.	MAGNETOPLUMBITE-TYPE FERRITE MAGNETIC MATERIAL AND SEGMENT-TYPE PERMANENT MAGNET DERIVED THEREFROM
WO2012165699 A1	SHIN NAM SOO [KR]	SPRING-POWERED ELECTRIC VEHICLE
WO2012165195 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	ROTATING ELECTRIC MACHINE AND METHOD OF MANUFACTURING SAME
WO2012165146 A1	NTN TOYO BEARING CO LTD [JP] et al.	GEAR-SHIFT CONTROL METHOD FOR VEHICLE MOTOR-DRIVING APPARATUS, AND GEAR-SHIFT CONTROL METHOD FOR VEHICLE
WO2012164647 A1	TOYOTA MOTOR CO LTD [JP] et al.	VEHICLE TORQUE LIMITER DEVICE
WO2012164568 A1	ANANTHAKRISHNA ANIL [IN]	ELECTRIC POWERED MOTORIZED VEHICLE WITH A COMBINED HYBRID DRIVE SYSTEM
WO2012164073 A1	COMMISSARIAT ENERGIE ATOMIQUE [FR] et al.	DETECTION OF AN INSULATION DEFECT
WO2012164052 A2	MCLAREN AUTOMOTIVE LTD [GB], GLOVER ANTHONY RICHARD [GB]	ELECTRICAL MACHINES
WO2012163902 A1	AVL LIST GMBH [AT] et al.	POWER GENERATOR FOR A MOTOR VEHICLE
WO2012162974 A1	QIU GANGYI [CN] et al.	ELECTRIC CAR OUTER ROTOR GENERATOR
WO2012161355 A1	TDK CORP [JP] et al.	RARE EARTH SINTERED MAGNET, METHOD FOR MANUFACTURING RARE EARTH SINTERED MAGNET AND ROTARY MACHINE
WO2012161189 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	RARE EARTH-IRON-NITROGEN SYSTEM ALLOY MATERIAL, METHOD FOR PRODUCING RARE EARTH-IRON-NITROGEN SYSTEM ALLOY MATERIAL, RARE EARTH-IRON SYSTEM ALLOY MATERIAL, AND METHOD FOR PRODUCING RARE EARTH-IRON SYSTEM ALLOY MATERIAL
WO2012159452 A1	XU HONGWEI [CN]	ELECTRIC SELF-PROPELLED CAR WHEEL HAVING AN ELECTROMAGNETIC CLUTCH
WO2012159450 A1	XU HONGWEI [CN]	EXTERNAL ROTATION TYPE VEHICLE DRIVE MOTOR
WO2012159393 A1	MA JIALIANG [CN]	HYBRID DC ELECTRIC MOTOR WITH PERMANENT MAGNET AND ELECTRIC EXCITATION
WO2012154423 A2	REMY TECHNOLOGIES LLC [US] et al.	COOLING COMBINATIONS FOR ELECTRIC MACHINES
WO2012158236 A1	REMY TECHNOLOGIES LLC [US], CHAMBERLIN BRADLEY D [US]	CONDUCTOR INSULATION ARRANGEMENT FOR ELECTRIC MACHINE WINDING
WO2012157451 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	INDUCTION ROTATING MACHINE
WO2012157083 A1	TOYOTA MOTOR CO LTD [JP], SASAKI MASAHIRO [JP]	METHOD FOR MANUFACTURING DOUBLE-AXIAL PARALLEL MOTOR AND COVER ASSEMBLY JIG
WO2012157054 A1	TOYOTA MOTOR CO LTD [JP] et al.	ELECTRIC VEHICLE
WO2012156719 A2	ASHWOODS AUTOMOTIVE LTD [GB] et al.	AXIAL FLUX ELECTRICAL MACHINES
WO2012156291 A1	VOITH PATENT GMBH [DE] et al.	METHOD FOR USING RECUPERATION POWER
WO2012156104 A1	SCHAEFFLER TECHNOLOGIES AG [DE] et al.	COOLING JACKET FOR ELECTRIC MOTORS
WO2012152192 A1	HAN WENJI [CN]	POWER GENERATION AND CHARGING DEVICE FOR CONTINUOUS RUNNING OF ELECTRIC AUTOMOBILE
WO2012146945 A2	SEVCON LTD [GB] et al.	ELECTRIC MOTOR AND MOTOR CONTROLLER
WO2012148189 A2	LG ELECTRONICS INC [KR] et al.	ELECTRIC MOTOR AND ELECTRIC VEHICLES EQUIPPED WITH SAME
WO2012146376 A2	AUDI NSU AUTO UNION AG [DE] et al.	DRIVE DEVICE FOR A MOTOR VEHICLE

WO2012146891 A2	IMP INNOVATIONS LTD [GB] et al.	A DRIVE TRAIN FOR A HYBRID ELECTRIC VEHICLE AND A METHOD OF OPERATING SUCH A DRIVE TRAIN
WO2012147721 A1	SINFONIA TECHNOLOGY CO LTD [JP] et al.	POWER SYSTEM FOR ON-BOARD DEVICES
WO2012145618 A1	KOLLMORGEN CORP [US] et al.	COOLANT FLOW CHANNEL ARRANGEMENT FOR A FLUID COOLED ELECTRIC MOTOR
WO2012148131 A2	LG ELECTRONICS INC [KR] et al.	ELECTRIC MOTOR AND ELECTRIC VEHICLE HAVING THE SAME
WO2012143114 A2	AUDI NSU AUTO UNION AG [DE] et al.	METHOD FOR PROVIDING ENERGY AT DIFFERENT LOCATIONS, PORTABLE MODULE AND TOTALITY OF BUILDING OR BUILDING PARTS, MOTOR VEHICLE AND PORTABLE MODULE
WO2012146853 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	DEVICE AND METHOD FOR COOLING CELLS OF A MOTOR VEHICLE BATTERY PACK
WO2012139129 A2	REMY TECHNOLOGIES LLC [US], FULTON DAVID A [US]	STARTER MACHINE SYSTEM AND METHOD
WO2012138303 A2	ELAPHE PODJETJE ZA RAZVOJ IN PRODAJO ELEK CNIH VOZIL TER [SI] et al.	COMPACT MULTIPHASE WAVE WINDING OF A HIGH SPECIFIC TORQUE ELECTRIC MACHINE
WO2012137848 A1	HONDA MOTOR CO LTD [JP] et al.	DRIVE DEVICE FOR VEHICLE
WO2012137812 A1	NTN TOYO BEARING CO LTD [JP], OSUMI YUSUKE [JP]	VEHICLE MOTOR DRIVE APPARATUS, AND AUTOMOBILE
WO2012137727 A1	HITACHI LTD [JP] et al.	METHOD FOR SEPARATING AND RECOVERING RARE EARTH ELEMENTS
WO2012131141 A1	ADMINISTRADOR DE INFRAESTRUCTURAS FERROVIARIAS ADIF [ES] et al.	SYSTEM AND METHOD FOR CONTROLLING THE CHARGING OF BATTERIES FROM AN ELECTRIC RAIL SYSTEM
WO2012144302 A1	AISIN AW CO [JP] et al.	VEHICLE DRIVING APPARATUS
WO2012133905 A1	TOYOTA CHUO KENKYUSHO KK [JP] et al.	POWER TRANSMISSION DEVICE
WO2012133305 A1	KOMATSU MFG CO LTD [JP] et al.	COOLING STRUCTURE OF GENERATOR MOTOR, AND GENERATOR MOTOR
WO2012133304 A1	KOMATSU MFG CO LTD [JP] et al.	COOLING STRUCTURE OF GENERATOR MOTOR, AND GENERATOR MOTOR
WO2012133302 A1	KOMATSU MFG CO LTD [JP] et al.	INSULATOR, AND STATOR AND MOTOR PROVIDED WITH SAME
WO2012133299 A1	KOMATSU MFG CO LTD [JP] et al.	GENERATOR MOTOR
WO2012133220 A1	AISIN AW CO [JP] et al.	CONTROL DEVICE
WO2012133164 A1	SIM DRIVE CORP [JP] et al.	IN-VEHICLE MOTOR UNIT
WO2012133059 A1	AISIN SEIKI [JP] et al.	TRANSMISSION CONTROL DEVICE FOR HYBRID VEHICLE
WO2012130212 A1	NEUMAYER TEKFOR HOLDING GMBH [DE] et al.	DRIVE ARRANGEMENT HAVING AN ELECTRIC MOTOR AND A GEAR MECHANISM
WO2012123525 A2	LAND ROVER [GB] et al.	HYBRID ELECTRIC VEHICLE COOLING CIRCUIT AND METHOD OF COOLING
WO2012144280 A1	AISIN AW CO [JP] et al.	VEHICLE DRIVING DEVICE
WO2012126785 A1	L 3 COMM MAGNET MOTOR GMBH [DE] et al.	DRIVE SYSTEM FOR A LAND CRAFT
WO2012128065 A1	AISIN SEIKI [JP] et al.	HYBRID-VEHICLE CLUTCH CONTROL DEVICE
WO2012123665 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	HYDRAULIC DRIVE SYSTEM FOR MOTOR VEHICLES
WO2012144275 A1	AISIN AI CO LTD [JP], OSUKA SHINYA [JP]	VEHICLE MOTIVE POWER TRANSMISSION CONTROL APPARATUS
WO2012132724 A1	AISIN AW CO [JP] et al.	HYBRID DRIVE DEVICE
WO2012132723 A1	AISIN AW CO [JP] et al.	HYBRID DRIVE DEVICE
WO2012132722 A1	AISIN AW CO [JP] et al.	HYBRID DRIVE APPARATUS CONTROL APPARATUS
WO2012128899 A1	REMY TECHNOLOGIES LLC [US] et al.	INSULATION FOR ELECTRIC MACHINE CONDUCTORS
WO2012140963 A1	NISSAN MOTOR [JP], YAMAUCHI YASUHIRO	LUBRICATION CONTROL DEVICE FOR IN-WHEEL MOTOR UNIT FOR VEHICLE
WO2012132702 A1	AISIN AW CO [JP] et al.	VEHICLE DRIVE DEVICE

WO2012132701 A1	AISIN AW CO [JP] et al.	DRIVE DEVICE FOR VEHICLE
WO2012127930 A1	AISIN AW CO [JP] et al.	VEHICLE DRIVE DEVICE
WO2012130506 A2	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE] et al.	ELECTRIC MACHINE HAVING A ROTOR SHAFT BEARING A ROTOR FOR A VEHICLE DRIVE TRAIN
WO2012146268 A1	DAIMLER AG [DE] et al.	HYBRID DRIVE CONTROL DEVICE
WO2012147164 A1	TOYOTA MOTOR CO LTD [JP], OIKAWA YOSHITAKA [JP]	VEHICLE CONTROL DEVICE
WO2012144059 A1	TOYOTA MOTOR CO LTD [JP] et al.	MOTOR ROTOR PRODUCTION METHOD
WO2012140465 A1	SKF AB [SE] et al.	SENSOR ARRANGEMENT, SENSOR BEARING AND METHOD FOR PRODUCING A SENSOR ARRANGEMENT
WO2012137308 A1	TOYOTA MOTOR CO LTD [JP] et al.	STATOR AND METHOD OF MANUFACTURING STATOR
WO2012137306 A1	TOYOTA MOTOR CO LTD [JP] et al.	STATOR AND MANUFACTURING METHOD FOR STATOR
WO2012137297 A1	TOYOTA MOTOR CO LTD [JP], YAGUCHI HIDEAKI [JP]	VEHICLE AND VEHICLE CONTROL METHOD
WO2012137273 A1	TOYOTA MOTOR CO LTD [JP] et al.	STATOR OF ROTATING ELECTRICAL MACHINE, METHOD OF MANUFACTURING SAME, AND APPARATUS FOR MANUFACTURING SAME
WO2012141286 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	STATOR AND ROTATING ELECTRIC MACHINE

[...volver a CONTENIDO](#)

CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012165341 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER CONVERSION APPARATUS
WO2012165226 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	POWER CONVERSION APPARATUS
WO2012165196 A1	HITACHI AUTOMOTIVE SYSTEMS LTD [JP] et al.	INVERTER DRIVING DEVICE
WO2012164365 A1	TOYOTA MOTOR CO LTD [JP] et al.	POWER CONVERTER
WO2012164099 A2	FH JOANNEUM GMBH [AT], BERGER HUBERT [AT]	INVERTER
WO2012163572 A2	BOSCH GMBH ROBERT [DE] et al.	POWER SUPPLY DEVICE FOR INVERTER CIRCUITS
WO2012160700 A1	TOYOTA MOTOR CO LTD [JP], KIRIYAMA KENJI [JP]	POWER CONTROL APPARATUS, VEHICLE PROVIDED WITH SAME, AND METHOD FOR CONTROLLING ELECTRICAL DISCHARGE OF CAPACITOR
WO2012160295 A1	RENAULT SA [FR] et al.	METHOD FOR CONTROLLING SWITCHES OF A CURRENT RECTIFIER CONNECTED TO AN ON-BOARD CHARGER
WO2012159811 A2	BOSCH GMBH ROBERT [DE], FEUERSTACK PETER [DE]	ENERGY STORAGE DEVICE, AND SYSTEM HAVING AN ENERGY STORAGE DEVICE
WO2012157247 A1	FUJI ELECTRIC CO LTD [JP], NAGAUNE FUMIO [JP]	COOLER FOR USE IN SEMICONDUCTOR MODULE
WO2012152578 A2	SB LIMOTIVE GERMANY GMBH [DE] et al.	DRIVE UNIT FOR AN ELECTRIC MOTOR
WO2012143354 A2	BAYERISCHE MOTOREN WERKE AG [DE] et al.	DEVICE AND METHOD FOR STARTING AN INTERNAL COMBUSTION ENGINE ARRANGED IN A VEHICLE
WO2012147544 A1	FUJI ELECTRIC CO LTD [JP] et al.	COOLER FOR SEMICONDUCTOR MODULE, AND SEMICONDUCTOR MODULE
WO2012147487 A1	SUMITOMO ELECTRIC INDUSTRIES [JP] et al.	METHOD FOR PRODUCING COMPRESSED POWDER COMPACT, COMPRESSED POWDER COMPACT, REACTOR, CONVERTER, AND POWER CONVERSION DEVICE
WO2012132599 A1	MITSUBISHI HEAVY IND LTD [JP], TAKEYAMA AKIRA [JP]	PARALLEL ELECTRICAL POWER SUPPLY SYSTEM
WO2012139792 A2	BOSCH GMBH ROBERT [DE] et al.	CONTROL DEVICE AND METHOD FOR OPERATING AN ELECTRICAL MACHINE DRIVEN BY AN INVERTER
WO2012136395 A1	BOSCH GMBH ROBERT [DE], SCHUEREN VOLKER [DE]	BATTERY CYCLOCONVERTER IN A RING CONFIGURATION
WO2012150953 A1	CLEAN WAVE TECHNOLOGIES INC [US] et al.	SYSTEMS AND METHODS FOR COOLING OF POWER ELECTRONIC DEVICES
WO2012144662 A1	SNU R&DB FOUNDATION [KR] et al.	WINDING SYNCHRONOUS MACHINE HAVING A MOVING OBJECT INCLUDING AN INVERTER CIRCUIT, AND METHOD FOR CONTROLLING SAME
WO2012143968 A1	THREE EYE CO LTD [JP], TANAKA SHOUICHI [JP]	VOLTAGE BOOSTER
WO2012131977 A1	TOYOTA MOTOR CO LTD [JP], SHIBA KENJIRO [JP]	POWER CONTROL UNIT
WO2012126515 A1	SIEMENS AG [DE], PFEIFER MARKUS [DE]	ELECTRICAL INSTALLATION HAVING A MATRIX CONVERTER AND CORRESPONDING METHOD FOR OPERATING SAME
WO2012132689 A1	AISIN AW CO [JP] et al.	INVERTER

[...volver a CONTENIDO](#)

RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012169167 A1	PANASONIC CORP [JP] et al.	POWER SUPPLY SYSTEM AND CHARGING METHOD FOR BATTERY PACK
WO2012168599 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR] et al.	SYSTEM FOR CHARGING AN ELECTRIC OR HYBRID VEHICLE
WO2012168597 A1	PEUGEOT CITROEN AUTOMOBILES SA [FR], DJIMENOU MANASSE [FR]	SECURE CHARGING SYSTEM FOR AN ELECTRIC OR HYBRID VEHICLE
WO2012167851 A2	AUDI NSU AUTO UNION AG [DE] et al.	MOTOR VEHICLE HAVING A STORE FOR ELECTRICAL ENERGY
WO2012165870 A2	KOREA ELECTRIC TERMINAL CO LTD [KR], KIM SEON AH [KR]	CHARGING-CONNECTOR LOCKING APPARATUS
WO2012165858 A2	LG CHEMICAL LTD [KR] et al.	POWER STORAGE DEVICE, POWER STORAGE SYSTEM USING SAME, AND METHOD FOR CONFIGURING POWER STORAGE SYSTEM
WO2012165771 A2	LG CHEMICAL LTD [KR] et al.	SYSTEM FOR STORING POWER COMPRISING MODULARIZED BMS AND METHOD FOR CONTROLLING SAME
WO2012165244 A1	NISSAN MOTOR [JP] et al.	CONTACTLESS ELECTRICITY SUPPLY DEVICE
WO2012165072 A1	SHARP KK [JP] et al.	CHARGER AND CHARGING DEVICE FOR CHARGING ELECTRIC VEHICLE
WO2012165071 A1	SHARP KK [JP] et al.	CHARGER AND CHARGING DEVICE FOR CHARGING ELECTRIC VEHICLE
WO2012164973 A1	NISSAN MOTOR [JP] et al.	NON-CONTACT POWER SUPPLY DEVICE
WO2012164798 A1	PANASONIC CORP [JP], IKEDA SATOSHI	POWER SUPPLY APPARATUS AND CHARGING APPARATUS FOR ELECTRIC VEHICLE
WO2012164743 A1	TOYOTA MOTOR CO LTD [JP], ICHIKAWA SHINJI [JP]	VEHICLE, ELECTRIC DEVICE, AND POWER TRANSMISSION/RECEPTION SYSTEM
WO2012164742 A1	TOYOTA MOTOR CO LTD [JP], ICHIKAWA SHINJI [JP]	VEHICLE AND POWER TRANSMISSION/RECEPTION SYSTEM
WO2012161186 A1	NEC ENERGY DEVICES LTD [JP] et al.	BATTERY DEVICE
WO2012160660 A1	HITACHI LTD [JP] et al.	CHARGING SYSTEM
WO2012160136 A2	CONDUCTIX WAMPFLER GMBH [DE] et al.	METHOD FOR DETECTING AN ELECTRICALLY CONDUCTIVE FOREIGN BODY AND DEVICE FOR INDUCTIVELY TRANSMITTING ELECTRICAL ENERGY
WO2012159994 A2	SIEMENS AG [DE] et al.	ARRANGEMENT AND METHOD FOR ELIMINATING DESTRUCTION IN A WIRELESS TRANSMISSION OF ENERGY
WO2012159950 A1	PHOENIX CONTACT GMBH & CO [DE], FUEHRER THOMAS [DE]	ELECTRICAL PLUG CONNECTOR
WO2012159663 A1	SIEMENS AG [DE], LEU HOLGER [DE]	ELECTRICAL FEEDING DEVICE
WO2012154936 A2	EMALFARB HAL [US] et al.	SYSTEM AND METHOD FOR ENERGY MANAGEMENT
WO2012158184 A1	BLUE WHEEL TECHNOLOGIES INC [US], STOICOVICIU LAURIAN [US]	SYSTEMS AND METHODS FOR POWERING A VEHICLE
WO2012157972 A2	SAMSUNG ELECTRONICS CO LTD [KR]	WIRELESS CHARGING APPARATUS AND METHOD
WO2012153975 A2	KIM CHANG HO [KR]	CONTACTLESS CHARGING SYSTEM HAVING A STANDBY-POWER CUTOFF FUNCTION, AND METHOD FOR CONTROLLING SAME
WO2012157661 A1	NISSAN MOTOR [JP], YOSHIDA SHIGEYUKI	MOUNTING STRUCTURE FOR NON-CONTACT CHARGER
WO2012157660 A1	NISSAN MOTOR [JP], YOSHIDA SHIGEYUKI	MOUNTING STRUCTURE FOR NON-CONTACT CHARGER
WO2012153807 A1	IHI CORP [JP], NIIZUMA MOTONAO [JP]	VEHICLE AND NON-CONTACT POWER SUPPLY SYSTEM
WO2012157444 A1	SONY CORP [JP] et al.	POWER SUPPLY DEVICE, METHOD, AND PROGRAM
WO2012157442 A1	SONY CORP [JP] et al.	POWER SUPPLY DEVICE, METHOD, AND PROGRAM
WO2012157441 A1	SONY CORP [JP] et al.	POWER SUPPLY DEVICE, METHOD, AND PROGRAM

WO2012157333 A1	NISSAN MOTOR [JP] et al.	MOUNTING STRUCTURE FOR NON-CONTACT CHARGER
WO2012157116 A1	TOYOTA MOTOR CO LTD [JP], ICHIKAWA SHINJI [JP]	VEHICLE POWER-SUPPLY DEVICE
WO2012157096 A1	TOYOTA MOTOR CO LTD [JP], NISHIDA JUNICHI [JP]	VEHICLE REMOTE CONTROL SYSTEM, REMOTE CONTROL TERMINAL, SERVER, AND VEHICLE
WO2012157065 A1	HITACHI VEHICLE ENERGY LTD [JP] et al.	BATTERY CONTROL DEVICE
WO2012153399 A1	TOYOTA MOTOR CO LTD [JP] et al.	CHARGING CONTROL DEVICE, VEHICLE EQUIPPED THEREWITH, AND CHARGING CONTROL METHOD
WO2012153276 A1	BRUSA ELEKTRONIK AG [CH], KRAUSE AXEL [CH]	BATTERY CHARGING DEVICE AND PROCESS FOR OPERATING THE SAME
WO2012156846 A2	BRUSA ELEKTRONIK AG [CH], KRAUSE AXEL [CH]	DEVICE FOR INDUCTIVELY CHARGING AT LEAST ONE ELECTRIC ENERGY STORE OF AN ELECTRIC VEHICLE
WO2012152582 A1	SB LIMOTIVE GERMANY GMBH [DE] et al.	METHOD FOR CONTROLLING A BATTERY, AND A BATTERY FOR CARRYING OUT THE METHOD
WO2012149900 A1	BOSCH GMBH ROBERT [DE], ZHANG MINGLIANG [CN]	DEVICE AND METHOD FOR MANAGING ENERGY SOURCE OF ELECTRIC VEHICLE
WO2012148241 A2	KOREA ADVANCED INST SCI & TECH [KR] et al.	FEED LINE-COMPENSATED POWER TRANSMISSION APPARATUS
WO2012149230 A2	EV PATENT HOLDINGS LLC [US] et al.	ELECTRIC VEHICLE CLUSTERED CHARGE DISTRIBUTION AND PRIORITIZATION METHOD, SYSTEM, AND APPARATUS
WO2012139778 A2	NISSAN MOTOR [JP], BANKS MARTIN [GB]	IMPROVEMENTS IN ELECTRICAL CONNECTIONS
WO2012142925 A1	SHAO ZEHUA [CN]	ELECTRIC AUTOMOBILE PWM RECTIFICATION AND VOLTAGE CURRENT TRANSFORMATION PULSE CHARGING SYSTEM
WO2012140374 A1	RENAULT SA [FR] et al.	DEVICE FOR CHARGING A BATTERY OF A MOTOR VEHICLE ON THE BASIS OF A SINGLE-PHASE POWER SUPPLY NETWORK, AND METHOD OF CONTROLLING THE DEVICE
WO2012143287 A2	KOSTAL LEOPOLD GMBH & CO KG [DE], WELSCHHOLZ JOERG [DE]	CHARGING SYSTEM FOR CHARGING A TRACTION BATTERY OF AN ELECTRICALLY DRIVEN MOTOR VEHICLE
WO2012146478 A2	SIEMENS AG [DE] et al.	ARRANGEMENT AND METHOD FOR LOCKING AN AUTOMATIC REELING MECHANISM OF A CHARGING CABLE FOR AN ELECTRIC VEHICLE
WO2012143266 A1	SIEMENS AG [DE] et al.	METHOD FOR ESTABLISHING AN IP-BASED COMMUNICATIONS CONNECTION BETWEEN AN ELECTRIC VEHICLE AND A CHARGE CONTROL UNIT
WO2012142040 A1	QUALCOMM INC [US] et al.	ANTENNA ALIGNMENT AND VEHICLE GUIDANCE FOR WIRELESS CHARGING OF ELECTRIC VEHICLES
WO2012141473 A2	LG ELECTRONICS INC [KR] et al.	ELECTRIC VEHICLE AND OPERATING METHOD OF THE SAME
WO2012143254 A2	BAYERISCHE MOTOREN WERKE AG [DE], HERZOG TORSTEN [DE]	VEHICLE CHARGING DEVICE
WO2012138174 A2	V ENS CO LTD [KR], HONG JUN HYEON [KR]	CONTROL METHOD FOR ELECTRIC VEHICLE
WO2012140486 A2	TOYOTA MOTOR CO LTD [JP], NISHIDA JUNICHI [JP]	CENTER SERVER, CHARGING FACILITY REGISTRATION SYSTEM INCLUDING SAME, AND CHARGING FACILITY REGISTRATION METHOD
WO2012143642 A1	VALEO SYS CONTROLE MOTEUR SAS [FR] et al.	CHARGE TRANSFER DEVICE AND ASSOCIATED MANAGEMENT METHOD
WO2012136336 A2	AUDI NSU AUTO UNION AG [DE] et al.	CHARGING DEVICE FOR A HIGH-VOLTAGE BATTERY OF A MOTOR VEHICLE, CHARGING ASSEMBLY AND METHOD FOR OPERATING A CHARGING ASSEMBLY
WO2012136335 A2	AUDI NSU AUTO UNION AG [DE] et al.	CHARGING DEVICE FOR A HIGH-VOLTAGE BATTERY OF A MOTOR VEHICLE, CHARGING ASSEMBLY AND METHOD FOR OPERATING A CHARGING ASSEMBLY
WO2012133706 A1	SANYO ELECTRIC CO [JP] et al.	POWER SUPPLY SYSTEM, POWER SUPPLY DEVICE, AND VEHICLE EQUIPPED WITH POWER SUPPLY SYSTEM OR POWER SUPPLY DEVICE
WO2012132459 A1	PANASONIC CORP [JP], NISHIO TSUYOSHI	VEHICLE CHARGING DEVICE

WO2012132458 A1	PANASONIC CORP [JP] et al.	IN-VEHICLE CHARGER
WO2012131480 A2	TOYOTA MOTOR CO LTD [JP] et al.	CHARGING DEVICE FOR VEHICLE, VEHICLE EQUIPPED WITH CHARGING DEVICE, AND OFFSET CORRECTION METHOD FOR CURRENT SENSOR
WO2012146907 A2	EA TECH LTD [GB], SINCLAIR JOHN SEAN [GB]	ELECTRIC POWER DEMAND MANAGEMENT - (A3) POWER DEMAND MANAGEMENT ON A LOW VOLTAGE NETWORK WITH A PLURALITY OF INTELLIGENT SOCKETS
WO2012140345 A2	PEUGEOT CITROEN AUTOMOBILES SA [FR], DJIMENOU MANASSE [FR]	SYSTEM FOR MANAGING THE CHARGE OF AN ELECTRIC OR HYBRID VEHICLE
WO2012132430 A1	PANASONIC CORP [JP], NISHIO TSUYOSHI	VEHICLE CHARGING DEVICE
WO2012141434 A2	MYONGJI UNIV IND & ACAD COOP [KR] et al.	BATTERY CHARGING APPARATUS FOR ELECTRIC VEHICLE
WO2012132413 A1	EQUOS RES CO LTD [JP] et al.	POWER TRANSMISSION SYSTEM
WO2012132412 A1	EQUOS RES CO LTD [JP] et al.	POWER TRANSMITTING SYSTEM
WO2012132405 A1	PANASONIC CORP [JP] et al.	IN-VEHICLE CHARGING DEVICE
WO2012132404 A1	PANASONIC CORP [JP], NONAKA TOMONORI	ELECTRIC POWER SUPPLY DEVICE
WO2012133024 A1	PANASONIC CORP [JP] et al.	CHARGE CONTROL DEVICE AND CHARGE CONTROL SYSTEM USING SAME
WO2012128626 A2	ABB B V [NL] et al.	SYSTEM FOR CHARGING THE BATTERY OF AT LEAST ONE ELECTRIC VEHICLE, CHARGER AND METHOD
WO2012139853 A1	BOSCH GMBH ROBERT [DE] et al.	CHARGING STATION FOR CHARGING A STORAGE MEANS FOR ELECTRICAL ENERGY, IN PARTICULAR IN AN ELECTRIC VEHICLE
WO2012129104 A1	AEROVIRONMENT INC [US], FLACK ALBERT JOSEPH [US]	ELECTRIC VEHICLE SUPPLY EQUIPMENT WITH TEMPERATURE-CONTROLLED CURRENT
WO2012126835 A2	SIEMENS AG [DE] et al.	CHARGING DEVICE FOR A HIGH-VOLTAGE BATTERY
WO2012130207 A2	KIEKERT AG [DE] et al.	STATE-OF-CHARGE DISPLAY FOR AN ELECTRIC VEHICLE
WO2012130205 A2	KIEKERT AG [DE] et al.	CHARGING DEVICE HAVING AN ILLUMINATION SYSTEM FOR AN ELECTRIC VEHICLE
WO2012130204 A1	KIEKERT AG [DE], KUNST FRANK [DE]	LOCKING DEVICE FOR A CHARGING UNIT OF A MOTOR VEHICLE
WO2012136303 A2	SEW EURODRIVE GMBH & CO [DE] et al.	SYSTEM FOR THE CONTACTLESS TRANSMISSION OF ENERGY FROM A PRIMARY WINDING TO A VEHICLE COMPRISING A SECONDARY WINDING WHICH CAN BE COUPLED INDUCTIVELY TO THE PRIMARY WINDING, METHOD FOR DETECTING METAL PIECES IN THE SYSTEM, METHOD FOR POSITIONING A VE - (A3) SYSTEM FOR THE CONTACTLESS TRANSMISSION OF ENERGY TO A VEHICLE, METHOD FOR DETECTING METAL PIECES IN THE SYSTEM, METHOD FOR POSITIONING A VEHICLE AND DETERMINING A DIRECTION FOR A VEHICLE FOR OBTAINING AN OPTIMAL POSITION
WO2012130576 A2	CONTINENTAL AUTOMOTIVE GMBH [DE] et al.	ENERGY ACCUMULATOR DEVICE HAVING A SOLAR CELL MODULE AND ASSOCIATED OPERATING METHOD
WO2012126726 A2	SIEMENS AG [DE], KISZKA JAN [DE]	SYSTEM FOR THE SHORT-TERM CHARGING OF ELECTRICALLY OPERATED VEHICLES
WO2012132246 A1	PANASONIC CORP [JP] et al.	BATTERY POWER SUPPLY APPARATUS AND BATTERY POWER SUPPLY SYSTEM
WO2012120353 A2	META SYSTEM SPA [IT] et al.	APPLIANCE AND METHOD FOR RECHARGING BATTERIES OF ELECTRIC VEHICLES OR THE LIKE
WO2012131204 A1	RENAULT SA [FR] et al.	ELECTRIC VEHICLE CHARGING-SOCKET FLAP DEVICE COMPATIBLE WITH PEDESTRIAN IMPACTS
WO2012143161 A2	BOSCH GMBH ROBERT [DE] et al.	SYSTEM AND METHOD FOR DOCKING AN ELECTRIC VEHICLE TO A CHARGING DEVICE
WO2012124485 A1	NISSAN MOTOR [JP] et al.	BATTERY TEMPERATURE CONTROL DEVICE
WO2012132220 A1	RENESAS ELECTRONICS CORP [JP], KIUCHI HIDEKI [JP]	VOLTAGE MONITORING MODULE AND VOLTAGE MONITORING SYSTEM USING SAME

WO2012144253 A1	NISSAN MOTOR [JP] et al.	TORQUE CONTROL APPARATUS AND CONTACTLESS CHARGING SYSTEM
WO2012144249 A1	mitsubishi electric corp [JP] et al.	POWER CONVERSION DEVICE AND IN-VEHICLE POWER SUPPLY DEVICE EQUIPPED WITH SAME
WO2012132177 A1	SANYO ELECTRIC CO [JP] et al.	BATTERY MODULE, BATTERY SYSTEM, ELECTRIC VEHICLE, MOBILE BODY, POWER STORAGE DEVICE, AND POWER SOURCE DEVICE
WO2012148054 A1	LG CHEMICAL LTD [KR], BAEK SEONGMUN [KR]	CHARGING METHOD AND CHARGING APPARATUS FOR CHARGING BATTERY
WO2012148053 A1	LG CHEMICAL LTD [KR], BAEK SEONGMUN [KR]	CHARGING METHOD AND CHARGING APPARATUS FOR CHARGING BATTERY
WO2012119279 A1	SUZHOU EAGLE ELEC VEHICLE MFG [CN] et al.	ELECTRICAL SYSTEM ASSEMBLY OF ELECTRIC AUTOMOBILE AND ENERGY SYSTEM AND ACTUATING DEVICE THEREOF
WO2012138010 A1	JMCENGINEERING CO LTD [KR] et al.	POWER MANAGEMENT SYSTEM FOR AN ELECTRIC VEHICLE USING A DETACHABLE TABLET PC, AND ELECTRIC VEHICLE INCLUDING SAME
WO2012149965 A1	SIEMENS AG [DE] et al.	METHOD AND APPARATUS FOR PROVIDING ELECTRICAL ENERGY
WO2012150631 A1	CHUGOKU ELECTRIC POWER [JP] et al.	RADIATING NOISE MINIMIZING METHOD AND CHARGING CABLE
WO2012144060 A1	TOYOTA MOTOR CO LTD [JP], HIROE YOSHIHIKO [JP]	CHARGING DEVICE AND CHARGING METHOD
WO2012143056 A2	SIEMENS AG [DE] et al.	METHOD FOR PROVIDING A CHARGE CURRENT AND CHARGE DEVICE
WO2012144032 A1	TOYOTA MOTOR CO LTD [JP] et al.	CONTROL DEVICE FOR VEHICLE
WO2012131864 A1	TOYOTA MOTOR CO LTD [JP], ISHISHITA TERUO [JP]	ELECTRIC VEHICLE AND CONTROL METHOD THEREFOR
WO2012127678 A1	TOYOTA MOTOR CO LTD [JP], KINOMURA SHIGEKI [JP]	CORD-ACCOMMODATING DEVICE AND VEHICLE
WO2012124845 A1	LG ELECTRONICS INC [KR] et al.	METHOD AND DEVICE FOR CELL BALANCING OF BATTERY PACK
WO2012167019 A1	BOSCH GMBH ROBERT [DE] et al.	SYSTEM AND METHOD FOR CHARGING AND DISCHARGING A LI-ION BATTERY
WO2012165243 A1	NISSAN MOTOR [JP] et al.	NON-CONTACT POWER SUPPLY DEVICE, VEHICLE, AND NON-CONTACT POWER SUPPLY SYSTEM
WO2012165242 A1	NISSAN MOTOR [JP] et al.	CONTACTLESS ELECTRICITY SUPPLY DEVICE
WO2012163421 A1	SIEMENS AG [DE], KEPKA ALEXANDER [DE]	ASSIGNMENT OF POWER OR CURRENT STRENGTH TO CHARGING DEVICES
WO2012163396 A1	SIEMENS AG [DE] et al.	LIMITING POWER OR CURRENT INTENSITY IN CHARGING DEVICES
WO2012161295 A1	YAZAKI CORP [JP], OHMURA TAKENORI	ARC DISCHARGE PREVENTION CONNECTOR
WO2012160666 A1	TOYOTA MOTOR CO LTD [JP] et al.	CHARGING/DISCHARGING SUPPORT DEVICE
WO2012160481 A2	KONINKL PHILIPS ELECTRONICS NV [NL] et al.	A CHARGING MODULE, A SERVER, AND A CHARGING SYSTEM COMPRISING THE CHARGING MODULE AND THE SERVER
WO2012139982 A1	TYCO ELECTRONICS AMP GMBH [DE] et al.	CHARGING PLUG WITH CONTACT-FREE SWITCH DEVICE
WO2012124700 A1	TOYOTA JIDOSHOKKI KK [JP] et al.	CONNECTOR COMPONENT
WO2012132143 A1	SANYO ELECTRIC CO [JP], TERAOKI KYOZO [JP]	CHARGING PLATFORM
WO2012156027 A1	VOLKSWAGEN AG [DE] et al.	METHOD AND APPARATUS FOR CHARGING A BATTERY FOR A VEHICLE

[...volver a CONTENIDO](#)

CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2012168133 A2	SB LIMOTIVE GERMANY GMBH [DE] et al.	BATTERY SYSTEM, MOTOR VEHICLE COMPRISING SAID BATTERY SYSTEM, AND METHOD FOR PRODUCING A READY STATUS FOR A MOTOR VEHICLE COMPRISING SAID BATTERY SYSTEM
WO2012163131 A1	WANG JUN [CN] et al.	ELECTRIC AUTOMOBILE BATTERY CASE REPLACING DEVICE
WO2012162865 A1	SHANDONG ELEC POWER RES INST [CN] et al.	SYSTEM FOR RAPIDLY CHANGING CHASSIS BATTERY OF ELECTRIC PASSENGER CAR BASED ON RECTANGULAR COORDINATE ROBOT
WO2012160557 A2	BETTER PLACE GMBH [CH] et al.	LATCHING MECHANISM FOR A VEHICLE'S BATTERY PACK
WO2012160407 A1	BETTER PLACE GMBH [CH], HEICHAL YOAV [IL]	MULTI-MOTOR LATCH ASSEMBLY
WO2012142695 A1	BRYSON THOMAS PATRICK [CA]	LAMP POST WITH POWER RECEPTACLE FOR ELECTRIC VEHICLE CHARGING

[...volver a CONTENIDO](#)