

### Noticias

La Oficina Española de Patentes y Marcas (OEPM) estuvo presente en la quinta edición del Salón Vehículo y Combustible Alternativos, celebrada entre los días 3 y 5 de octubre en la Feria de Valladolid. En el stand de la OEPM se resolvieron dudas relacionadas con todas las modalidades de Propiedad Industrial, como son marcas, diseños industriales, patentes y modelos de utilidad. Se aprovechó la presencia en la Feria para difundir el Boletín del Coche Eléctrico y el Boletín del Coche Inteligente, e informar de los diferentes servicios de Información Tecnológica.

Todos los boletines que publica periódicamente la OEPM están disponibles en el siguiente enlace:

#### [BOLETINES OEPM](#)

La OEPM también estará presente en la 27ª edición de la Simposio y Exposición Internacional del Vehículo Eléctrico ([EVS 27](#)), que se celebrará en Barcelona del 17 al 20 de noviembre. El EVS es la referencia a nivel mundial en el ámbito de los

congresos sobre el vehículo eléctrico. Se celebra cada 18 meses y la sede cambia periódicamente entre América del Norte, Europa y Asia. Combina el ámbito académico y empresarial con un Simposio de reconocido prestigio, con la presentación de vehículos y prototipos que pueden ser probados por el público en general.

En el EVS 27 de Barcelona estarán presentes, entre otros expositores, BMW, INGTEAM, NISSAN, RENAULT, SAFT, SEAT y VOLKSWAGEN.

Por último, en el Salón del Automóvil de Frankfurt se ha presentado el acuerdo firmado entre Nissan y el Ayuntamiento de Barcelona para potenciar el uso del vehículo eléctrico en la ciudad y concretamente su utilización como taxi con el modelo e-NV200. El modelo e-NV200 se fabrica en la planta que tiene Nissan en Zona Franca en exclusiva para todo el mundo, lo que ha supuesto una inversión de más de 100 millones de euros y la creación de 700 puestos de trabajo.

### 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
<a href="#">WO 2013088467 A1 20130620</a>	TOYOTA MOTOR CO LTD	VEHICLE CONTROL APPARATUS
<a href="#">WO 2013088545 A1 20130620</a>	TOYOTA MOTOR CO LTD	HYBRID VEHICLE
<a href="#">WO 2013084940 A1 20130613</a>	HONDA MOTOR CO LTD	BATTERY PACK FOR ELECTRIC VEHICLE
<a href="#">WO 2013092452 A1 20130627</a>	VALEO SYSTEMES THERMIQUES	MOTOR VEHICLE HEATING AND/OR AIR-CONDITIONING DEVICE
<a href="#">WO 2013116355 A1 20130808</a>	JOHNSON CONTROLS TECH CO	METHOD FOR COOLING A LITHIUM-ION BATTERY PACK
<a href="#">WO 2013127486 A1 20130906</a>	AUDI NSU AUTO UNION AG	BATTERY WITH A CONNECTING ELEMENT FOR ELECTRICALLY CONNECTING BATTERY CELLS WHICH ARE CONNECTED IN PARALLEL
<a href="#">WO 2013114054 A1 20130808</a>	PLASTIC OMNIUM CIE; VALEO SYSTEMES THERMIQUES	HOUSING FOR AN ELECTRICAL MODULE OF A BATTERY PACK FOR A MOTOR VEHICLE, AND ASSOCIATED BATTERY PACK
<a href="#">WO 2013116044 A1 20130808</a>	JOHNSON CONTROLS TECH CO	SYSTEMS AND METHODS FOR MANUFACTURING BATTERY CELLS
<a href="#">WO 2013124111 A1 20130829</a>	BOSCH GMBH ROBERT	BATTERY SENSOR DATA TRANSMISSION UNIT AND A METHOD FOR TRANSMITTING BATTERY SENSOR DATA
<a href="#">WO 2013124571 A1 20130829</a>	RENAULT SA	METHOD AND SYSTEM FOR ESTIMATING THE INSULATION RESISTANCE BETWEEN A BATTERY AND AN ELECTRICAL EARTH
<a href="#">WO 2013128143 A1 20130906</a>	RENAULT SA	FILLING DEVICE FOR FIREFIGHTERS OF A DRIVE BATTERY OF AN ELECTRIC OR HYBRID VEHICLE
<a href="#">WO 2013130363 A1 20130906</a>	GEN ELECTRIC	FLEXIBLE CABLE FOR LOW PROFILE ELECTRICAL DEVICE
<a href="#">WO 2013116419 A2 20130808</a>	JOHNSON CONTROLS TECH CO	COVER FOR BATTERY CELL
<a href="#">WO 2013124408 A1 20130829</a>	UNIV MUENSTER WILHELMS	ELECTRODE MATERIAL FOR LITHIUM-BASED ELECTROCHEMICAL ENERGY STORES
<a href="#">WO 2013126443 A1 20130829</a>	JOHNSON CONTROLS TECH CO	PRISMATIC ELECTROCHEMICAL CELL
<a href="#">WO 2013084936 A1 20130613</a>	HONDA MOTOR CO LTD	VEHICLE-MOUNTED BATTERY PACK STRUCTURE
<a href="#">WO 2013099834 A1 20130704</a>	MITSUI MINING & SMELTING CO	SULFIDE-TYPE SOLID ELECTROLYTE
<a href="#">WO 2013084302 A1 20130613</a>	TOYOTA MOTOR CO LTD	ALL-SOLID-STATE BATTERY
<a href="#">WO 2013084481 A1 20130613</a>	PANASONIC CORP	STORAGE BATTERY TRANSFER SUPPORT DEVICE AND STORAGE BATTERY TRANSFER SUPPORT METHOD
<a href="#">WO 2013084938 A1 20130613</a>	HONDA MOTOR CO LTD	BATTERY COOLING STRUCTURE
<a href="#">WO 2013084939 A1 20130613</a>	HONDA MOTOR CO LTD	BATTERY PACK FOR ELECTRIC VEHICLE
<a href="#">WO 2013085226 A1 20130613</a>	SK INNOVATION CO LTD	CELL ASSEMBLY TYPE BATTERY COOLING APPARATUS
<a href="#">WO 2013094057 A1 20130627</a>	HITACHI VEHICLE ENERGY LTD	BATTERY CONTROL DEVICE AND BATTERY SYSTEM
<a href="#">WO 2013094000 A1 20130627</a>	HITACHI VEHICLE ENERGY LTD	WELDED STRUCTURE IN BATTERY, METHOD FOR FORMING SAME, SECONDARY BATTERY CELL, AND SECONDARY BATTERY MODULE
<a href="#">WO 2013094063 A1 20130627</a>	TOYOTA MOTOR CO LTD	VEHICLE EQUIPPED WITH BATTERY
<a href="#">WO 2013094207 A1 20130627</a>	PANASONIC CORP	SEALED BATTERY

<a href="#">WO 2013089512 A1 20130620</a>	V ENS CO LTD	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO 2013089467 A1 20130620</a>	LG CHEMICAL LTD	BATTERY MODULE ASSEMBLY HAVING IMPROVED RELIABILITY AND MEDIUM OR LARGE-SIZED BATTERY PACK INCLUDING SAME
<a href="#">WO 2013094465 A1 20130627</a>	HITACHI MAXELL	LITHIUM SECONDARY BATTERY
<a href="#">WO 2013094701 A1 20130627</a>	SUMITOMO METAL MINING CO	NICKEL COMPOUND HYDROXIDE AND METHOD FOR PRODUCING SAME, POSITIVE POLE ACTIVE SUBSTANCE FOR NONAQUEOUS ELECTROLYTE SECONDARY CELL AND METHOD FOR PRODUCING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013097797 A1 20130704</a>	SHENZHEN BYD AUTO R & D COMPANY LTD; BYD CO LTD	ELECTRIC AUTOMOBILE AND DISCHARGING DEVICE THEREOF
<a href="#">WO 2013088712 A1 20130620</a>	JFE CHEMICAL CORP	METHOD FOR PRODUCING AMORPHOUS CARBON PARTICLES, AMORPHOUS CARBON PARTICLES, NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013088724 A1 20130620</a>	PANASONIC CORP	STORAGE BATTERY DEVICE AND METHOD OF MANUFACTURE THEREOF
<a href="#">WO 2013099569 A1 20130704</a>	TORAY ENG CO LTD	CURRENT COLLECTOR ELECTRODE FILM COATING DRYING METHOD
<a href="#">WO 2013098625 A1 20130704</a>	TOYOTA MOTOR CO LTD	NON-AQUEOUS SECONDARY BATTERY
<a href="#">WO 2013111519 A1 20130801</a>	YAZAKI CORP	POWER SUPPLY DEVICE
<a href="#">WO 2013131687 A1 20130912</a>	BOSCH GMBH ROBERT	GALVANIC ELEMENT AND BATTERY MONITORING SYSTEM
<a href="#">WO 2013131715 A1 20130912</a>	BOSCH GMBH ROBERT	SENSOR APPARATUS FOR A BATTERY CELL, BATTERY CELL FOR AN ELECTRICAL ENERGY STORE, AND METHOD FOR MONITORING A BATTERY CELL
<a href="#">WO 2013110382 A2 20130801</a>	BOSCH GMBH ROBERT	SAFETY SYSTEM FOR BATTERIES
<a href="#">WO 2013130690 A1 20130906</a>	UNIV CORNELL	LITHIUM ION BATTERIES COMPRISING NANOFIBERS
<a href="#">WO 2013133025 A1 20130912</a>	SONY CORP	SEPARATOR, BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRIC VEHICLE, ELECTRICITY STORAGE DEVICE AND ELECTRIC POWER SYSTEM
<a href="#">WO 2013128635 A1 20130906</a>	HITACHI LTD	STORAGE BATTERY ANALYSIS SYSTEM, STORAGE BATTERY ANALYSIS METHOD, AND STORAGE BATTERY ANALYSIS PROGRAM
<a href="#">WO 2013128757 A1 20130906</a>	TOYOTA JIDOSHOKKI KK	BATTERY-STATE CONTROL METHOD AND DEVICE
<a href="#">WO 2013129664 A1 20130906</a>	JX NIPPON MINING & METALS CORP	ELECTROLYTIC COPPER FOIL, AND NEGATIVE ELECTRODE COLLECTOR FOR SECONDARY BATTERY
<a href="#">WO 2013117836 A1 20130815</a>	RENAULT SA	SECURE ON-BOARD SYSTEM FOR CHARGING THE BATTERY OF A MOTOR VEHICLE FROM A POWER SUPPLY NETWORK
<a href="#">WO 2013084944 A1 20130613</a>	TOYOTA MOTOR CO LTD	BATTERY
<a href="#">WO 2013086508 A1 20130613</a>	UPADHYAYA DEEPAK	LI-ION BATTERY AND BATTERY ACTIVE COMPONENTS ON METAL WIRE
<a href="#">WO 2013089313 A1 20130620</a>	KOKAM CO LTD	HIGH HEAT RESISTANCE COMPOSITE SEPARATOR FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY INCLUDING SAME
<a href="#">WO 2013089498 A1 20130620</a>	LG CHEMICAL LTD	CABLE-TYPE RECHARGEABLE BATTERY
<a href="#">WO 2013093965 A1 20130627</a>	TOYOTA MOTOR CO LTD	BATTERY CONTAINER AND METHOD OF FABRICATING SAME
<a href="#">WO 2013094468 A1 20130627</a>	SONY CORP	ELECTRONIC APPARATUS, AND POWER SUPPLY SYSTEM
<a href="#">WO 2013094603 A1 20130627</a>	JX NIPPON OIL & ENERGY CORP	ORGANIC ELECTROLYTE, AND ORGANIC ELECTROLYTE STORAGE BATTERY
<a href="#">WO 2013098990 A1 20130704</a>	TOYOTA MOTOR CO LTD	PLUG-IN HYBRID VEHICLE
<a href="#">WO 2013099267 A1 20130704</a>	PANASONIC CORP	NONAQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013099295 A1 20130704</a>	PANASONIC CORP	CYLINDRICAL LITHIUM-ION CELL
<a href="#">WO 2013099520 A1 20130704</a>	TAIYO HOLDINGS CO LTD	POSITIVE-ELECTRODE MIXTURE, POSITIVE ELECTRODE, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAME

<a href="#">WO 2013080515 A1 20130606</a>	PANASONIC CORP	NEGATIVE ELECTRODE ACTIVE MATERIAL, ELECTRICAL STORAGE DEVICE, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL
<a href="#">WO 2013080755 A1 20130606</a>	NISSAN MOTOR	THIN BATTERY AND METHOD FOR MANUFACTURING THIN BATTERY
<a href="#">WO 2013113601 A2 20130808</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	METHOD AND DEVICE FOR PRECHARGING AN ELECTRICAL LOAD
<a href="#">WO 2013112454 A2 20130801</a>	BATTELLE ENERGY ALLIANCE LLC	ELECTRODES INCLUDING A POLYPHOSPHAZENE CYCLOMATRIX, METHODS OF FORMING THE ELECTRODES, AND RELATED ELECTROCHEMICAL CELLS
<a href="#">WO 2013092355 A1 20130627</a>	CONTINENTAL AUTOMOTIVE GMBH	COOLING OF AN ELECTRIC ENERGY ACCUMULATOR BY MEANS OF AIR TAKEN IN BY AN INTERNAL COMBUSTION ENGINE
<a href="#">WO 2013132818 A1 20130912</a>	PANASONIC CORP	POSITIVE ELECTRODE FOR ALKALINE STORAGE BATTERY AND ALKALINE STORAGE BATTERY USING SAME
<a href="#">WO 2013128520 A1 20130906</a>	FUJITSU TELECOM NETWORKS LTD	SECONDARY BATTERY CHARGING/DISCHARGING APPARATUS
<a href="#">WO 2013111526 A1 20130801</a>	YAZAKI CORP	TERMINAL FIXATION STRUCTURE AND POWER SUPPLY DEVICE USING THE SAME
<a href="#">WO 2013111520 A1 20130801</a>	YAZAKI CORP	POWER SUPPLY DEVICE
<a href="#">WO 2013110400 A1 20130801</a>	SIEMENS AG	POWER MANAGEMENT IN DISTRIBUTION SYSTEMS BY MEANS OF WIRELESS COMMUNICATION
<a href="#">WO 2013119422 A1 20130815</a>	POWERGENIX SYSTEMS INC	NICKEL-ZINC RECHARGEABLE PENCIL BATTERY
<a href="#">WO 2013118738 A1 20130815</a>	SONY CORP	POWER STORAGE DEVICE, POWER SYSTEM AND ELECTRIC VEHICLE
<a href="#">WO 2013128128 A1 20130906</a>	VALEO SYS CONTROLE MOTEUR SAS	DETECTION OF A LEAKAGE CURRENT COMPRISING A CONTINUOUS COMPONENT IN A VEHICLE
<a href="#">WO 2013113534 A2 20130808</a>	BOSCH GMBH ROBERT	METHOD AND DEVICE FOR MONITORING A TEMPERATURE OF A TEMPERATURE-SENSITIVE SYSTEM
<a href="#">WO 2013102894 A1 20130711</a>	BETTER PLACE GMBH	SYSTEM AND METHOD FOR MANAGEMENT OF ELECTRIC POWER CONSUMPTION
<a href="#">WO 2013094100 A1 20130627</a>	PANASONIC CORP	POSITIVE ELECTRODE FOR SECONDARY BATTERIES, AND SECONDARY BATTERY USING SAME
<a href="#">WO 2013094464 A1 20130627</a>	SONY CORP	POWER SUPPLY DEVICE, POWER SUPPLY SYSTEM, AND ELECTRONIC APPARATUS
<a href="#">WO 2013084907 A1 20130613</a>	HITACHI LTD	LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013084937 A1 20130613</a>	HONDA MOTOR CO LTD	STRUCTURE FOR SECURING BATTERY
<a href="#">WO 2013088641 A1 20130620</a>	PANASONIC CORP	INFORMATION TRANSMISSION DEVICE AND SYSTEM
<a href="#">WO 2013089509 A1 20130620</a>	V ENS CO LTD	BATTERY-COOLING SYSTEM FOR AN ELECTRIC VEHICLE
<a href="#">WO 2013094050 A1 20130627</a>	TOYOTA MOTOR CO LTD	VEHICLE
<a href="#">WO 2013100070 A1 20130704</a>	MITSUI MINING & SMELTING CO	SPINEL-TYPE LITHIUM MANGANESE TRANSITION METAL OXIDE
<a href="#">WO 2013084935 A1 20130613</a>	HONDA MOTOR CO LTD	STRUCTURE FOR MOUNTING BATTERY PACK ON VEHICLE
<a href="#">WO 2013097334 A1 20130704</a>	ZTE CORP	APPARATUS, SYSTEM AND MOBILE TERMINAL FOR WIRELESS CHARGING
<a href="#">WO 2013088846 A1 20130620</a>	NISSAN MOTOR	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICE
<a href="#">WO 2013089517 A1 20130620</a>	V ENS CO LTD	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO 2013132907 A1 20130912</a>	HITACHI LTD	LITHIUM-ION SECONDARY CELL SYSTEM, METHOD FOR TESTING LITHIUM-ION SECONDARY CELL, AND METHOD FOR CONTROLLING LITHIUM-ION SECONDARY CELL
<a href="#">WO 2013133040 A1 20130912</a>	HITACHI LTD	POSITIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, LITHIUM ION SECONDARY BATTERY, AND BATTERY MODULE
<a href="#">WO 2013133233 A1 20130912</a>	NISSAN MOTOR	LAMINATED-STRUCTURE BATTERY
<a href="#">WO 2013128810 A1 20130906</a>	NEC ENERGY DEVICES LTD	BATTERY CONTROL SYSTEM, BATTERY PACK, AND ELECTRONIC DEVICE
<a href="#">WO 2013125030 A1 20130829</a>	TOYOTA MOTOR CO LTD	HERMETICALLY-SEALED SECONDARY BATTERY

<a href="#">WO 2013125354 A1 20130829</a>	NISSAN MOTOR	BATTERY PACK TEMPERATURE CONTROL STRUCTURE FOR ELECTRIC VEHICLES
<a href="#">WO 2013131607 A1 20130912</a>	AUDI NSU AUTO UNION AG	BATTERY HAVING A CONNECTING ELEMENT COMPRISING MULTIPLE INDIVIDUAL WIRES
<a href="#">WO 2013124047 A1 20130829</a>	REHAU AG & CO	BLANK FOR PRODUCING A HOUSING AND METHOD FOR PRODUCING A HOUSING FROM SUCH A BLANK
<a href="#">WO 2013128112 A1 20130906</a>	VALEO SYS CONTROLE MOTEUR SAS	PERIODIC COMMUNICATION METHOD BETWEEN AT LEAST ONE FIRST SYSTEM AND AT LEAST ONE SECOND SYSTEM BY MEANS OF A FULL-DUPLEX SYNCHRONOUS SERIAL LINK
<a href="#">WO 2013090027 A1 20130620</a>	DOW GLOBAL TECHNOLOGIES LLC	LITHIUM BATTERY ELECTRODES CONTAINING LITHIUM OXALATE
<a href="#">WO 2013094469 A1 20130627</a>	SONY CORP	ELECTRONIC APPARATUS, AND POWER SUPPLY SYSTEM
<a href="#">WO 2013084713 A1 20130613</a>	AUTONETWORKS TECHNOLOGIES LTD; SUMITOMO WIRING SYSTEMS	BATTERY WIRING MODULE
<a href="#">WO 2013084923 A1 20130613</a>	GS YUASA INT LTD	ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, METHOD FOR MANUFACTURING ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, AND NON-AQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013087349 A1 20130620</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	HARD SHELL CELL HOUSING WITH VAPOUR BARRIER LAYER
<a href="#">WO 2013099263 A1 20130704</a>	PANASONIC CORP	NONAQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013087514 A1 20130620</a>	RENAULT SA	CONTROL OF THE AUTONOMOUS MODE OF BIMODAL VEHICLES
<a href="#">WO 2013124982 A1 20130829</a>	HITACHI VEHICLE ENERGY LTD	RECTANGULAR SECONDARY CELL
<a href="#">WO 2013125353 A1 20130829</a>	NISSAN MOTOR	BATTERY PACK TEMPERATURE CONTROL STRUCTURE FOR ELECTRIC VEHICLES
<a href="#">WO 2013125410 A1 20130829</a>	NISSAN MOTOR	BIPOLAR ELECTRODE AND BIPOLAR LITHIUM-ION SECONDARY BATTERY USING SAME
<a href="#">WO 2013125431 A1 20130829</a>	TOYOTA JIDOSHOKKI KK	ELECTRICAL STORAGE DEVICE
<a href="#">WO 2013131606 A1 20130912</a>	AUDI NSU AUTO UNION AG	BATTERY FOR A VEHICLE AND METHOD FOR MANUFACTURING A BATTERY OF THIS KIND
<a href="#">WO 2013110378 A1 20130801</a>	BOSCH GMBH ROBERT	BATTERY PRODUCTION BY MEANS OF SPIN COATING
<a href="#">WO 2013110381 A1 20130801</a>	BOSCH GMBH ROBERT	MONITORING DEVICE, BATTERY CELL AND METHOD FOR MONITORING A BATTERY CELL
<a href="#">WO 2013128759 A1 20130906</a>	NGK INSULATORS LTD	SOLID ELECTROLYTE CERAMIC MATERIAL AND PRODUCTION METHOD THEREFOR
<a href="#">WO 2013129033 A1 20130906</a>	NEC CORP	SECONDARY BATTERY
<a href="#">WO 2013133818 A1 20130912</a>	INT TRUCK INTELLECTUAL PROP CO	VEHICLE ELECTRICAL SYSTEM STATE CONTROLLER
<a href="#">WO 2013133113 A1 20130912</a>	NISSAN MOTOR	CONTROL DEVICE FOR SECONDARY BATTERY, AND SOC DETECTION METHOD
<a href="#">WO 2013113617 A1 20130808</a>	RENAULT SA	COMMUNICATION SYSTEM IN AN ELECTRIC BATTERY
<a href="#">WO 2013099878 A1 20130704</a>	TOYOTA MOTOR CO LTD	COMPOSITE ACTIVE MATERIAL, ALL-SOLID-STATE BATTERY, AND METHOD FOR PRODUCING COMPOSITE ACTIVE MATERIAL
<a href="#">WO 2013089505 A1 20130620</a>	V ENS CO LTD	BATTERY MODULE ASSEMBLY AND ELECTRIC VEHICLE COMPRISING SAME
<a href="#">WO 2013114468 A1 20130808</a>	TOYOTA MOTOR CO LTD	ELECTRICITY STORAGE SYSTEM
<a href="#">WO 2013115013 A1 20130808</a>	SUMITOMO OSAKA CEMENT CO LTD	ELECTRODE MATERIAL, ELECTRODE PLATE, LITHIUM ION BATTERY, METHOD FOR PRODUCING ELECTRODE MATERIAL, AND METHOD FOR PRODUCING ELECTRODE PLATE
<a href="#">WO 2013099293 A1 20130704</a>	PANASONIC CORP	BATTERY PACK
<a href="#">WO 2013084862 A1 20130613</a>	UNIV TOKYO	POSITIVE ELECTRODE ACTIVE MATERIAL, PRODUCTION METHOD THEREFOR, AND LITHIUM ION SECONDARY BATTERY

<a href="#">WO 2013087270 A1 20130620</a>	BOSCH GMBH ROBERT	LITHIUM-SULPHUR CELL CATHODE WITH A LAYER SYSTEM
<a href="#">WO 2013100773 A1 20130704</a>	CASTELLUCCI LUCIANO	CONVERSION SYSTEM OF AIR ENERGY INTO ELECTRICAL ENERGY FOR A VEHICLE
<a href="#">WO 2013116717 A1 20130808</a>	UCHICAGO ARGONNE LLC	METHOD FOR FLUIDIZING AND COATING ULTRAFINE PARTICLES, DEVICE FOR FLUIDIZING AND COATING ULTRAFINE PARTICLES
<a href="#">WO 2013112660 A1 20130801</a>	EOS ENERGY STORAGE LLC	ELECTROCHEMICAL CELL WITH DIVALENT CATION ELECTROLYTE AND AT LEAST ONE INTERCALATION ELECTRODE
<a href="#">WO 2013094808 A1 20130627</a>	CHUNG KWANG OK	ECO-FRIENDLY WIND POWER-BASED ELECTRIC VEHICLE
<a href="#">WO 2013133598 A1 20130912</a>	V ENS CO LTD	BATTERY PACK
<a href="#">WO 2013118806 A1 20130815</a>	SANTOKU CORP	HYDROGEN ABSORPTION ALLOY POWDER, NEGATIVE ELECTRODE, AND NICKEL-HYDROGEN SECONDARY CELL
<a href="#">WO 2013117524 A2 20130815</a>	BAYERISCHE MOTOREN WERKE AG	METHOD AND DEVICE FOR VOLTAGE STABILISATION IN A MOTOR VEHICLE ELECTRICAL SYSTEM
<a href="#">WO 2013099735 A1 20130704</a>	UBE INDUSTRIES	NON-AQUEOUS ELECTROLYTE AND ELECTRICAL STORAGE DEVICE USING SAME
<a href="#">WO 2013099680 A1 20130704</a>	UBE INDUSTRIES	NON-AQUEOUS ELECTROLYTE AND ELECTRICAL STORAGE DEVICE USING SAME
<a href="#">WO 2013128971 A1 20130906</a>	HITACHI LTD	POSITIVE ELECTRODE MATERIAL
<a href="#">WO 2013129376 A1 20130906</a>	SANYO ELECTRIC CO	ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, NON-AQUEOUS ELECTROLYTE SECONDARY CELL, AND METHOD FOR PRODUCING ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013129844 A1 20130906</a>	LG CHEMICAL LTD	BATTERY CELL ASSEMBLY WITH IMPROVED SAFETY, AND BATTERY MODULE INCLUDING SAME
<a href="#">WO 2013120668 A1 20130822</a>	BOSCH GMBH ROBERT	SENSOR DEVICE FOR A BATTERY CELL OF AN ELECTRICAL ENERGY ACCUMULATOR, BATTERY CELL, METHOD FOR PRODUCING SAME AND METHOD FOR MONITORING SAME
<a href="#">WO 2013122114 A1 20130822</a>	MITSUBISHI CHEM CORP	NEGATIVE-ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS SECONDARY BATTERY, AND NEGATIVE ELECTRODE AND NON-AQUEOUS SECONDARY BATTERY USING SAID ACTIVE MATERIAL
<a href="#">WO 2013099027 A1 20130704</a>	TOYOTA MOTOR CO LTD	VEHICLE CONTROL SYSTEM
<a href="#">WO 2013099440 A1 20130704</a>	NISSAN MOTOR	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICE, NEGATIVE ELECTRODE FOR ELECTRICAL DEVICE, AND ELECTRICAL DEVICE
<a href="#">WO 2013103014 A1 20130711</a>	MITSUBISHI ELECTRIC CORP	VEHICLE-MOUNTED DEVICE
<a href="#">WO 2013090417 A1 20130620</a>	ENVIA SYSTEMS INC	LOW TEMPERATURE ELECTROLYTE FOR HIGH CAPACITY LITHIUM BASED BATTERIES
<a href="#">WO 2013115219 A1 20130808</a>	NAT INST OF ADVANCED IND SCIEN	RESIN COMPOSITION FOR LITHIUM ION CELL POSITIVE ELECTRODE
<a href="#">WO 2013114785 A1 20130808</a>	NEC CORP	ELECTRICITY STORAGE DEVICE
<a href="#">WO 2013084594 A1 20130613</a>	NISSAN MOTOR	BATTERY MODULE
<a href="#">WO 2013125118 A1 20130829</a>	CALSONIC KANSEI CORP	PARAMETER ESTIMATION DEVICE
<a href="#">WO 2013119571 A1 20130815</a>	ENVIA SYSTEMS INC	MIXED PHASE LITHIUM METAL OXIDE COMPOSITIONS WITH DESIRABLE BATTERY PERFORMANCE
<a href="#">WO 2013087335 A1 20130620</a>	BOSCH GMBH ROBERT	BATTERY MODULE AND MOTOR VEHICLE
<a href="#">WO 2013133020 A1 20130912</a>	UNIV OSAKA PREFECT PUBLIC CORP	ION CONDUCTING GLASS-CERAMICS, METHOD FOR MANUFACTURING SAME AND ALL-SOLID-STATE SECONDARY BATTERY INCLUDING SAME
<a href="#">WO 2013133540 A1 20130912</a>	SK INNOVATION CO LTD	BATTERY CELL
<a href="#">WO 2013133541 A1 20130912</a>	SK INNOVATION CO LTD	BATTERY CELL FOR SECONDARY BATTERIES
<a href="#">WO 2013133632 A1 20130912</a>	LG CHEMICAL LTD	BATTERY PACK HAVING A STEPPED STRUCTURE
<a href="#">WO 2013133636 A1 20130912</a>	LG CHEMICAL LTD	BATTERY PACK HAVING NOVEL AIR COOLING TYPE STRUCTURE

<a href="#">WO 2013095057 A1 20130627</a>	LG CHEMICAL LTD	JELLY ROLL-TYPE ELECTRODE ASSEMBLY WITH ACTIVE MATERIAL PATTERN-COATED THEREON, AND SECONDARY BATTERY HAVING SAME
<a href="#">WO 2013099280 A1 20130704</a>	PANASONIC CORP	NONAQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013128791 A1 20130906</a>	DENSO CORP	TEMPERATURE ADJUSTMENT DEVICE
<a href="#">WO 2013122868 A1 20130822</a>	UT BATTELLE LLC	MESOPOROUS METAL OXIDE MICROSPHERE ELECTRODE COMPOSITIONS AND THEIR METHODS OF MAKING
<a href="#">WO 2013089360 A1 20130620</a>	LG CHEMICAL LTD	SWITCHING BOARD HAVING NOVEL STRUCTURE AND BATTERY MODULE INCLUDING SAME
<a href="#">WO 2013108246 A2 20130725</a>	BETTER PLACE GMBH	APPROXIMATION OF REMAINING TRAVELABLE DISTANCE OF A VEHICLE POWERED BY A BATTERY
<a href="#">WO 2013100653 A1 20130704</a>	LG CHEMICAL LTD	LITHIUM SECONDARY BATTERY AND METHOD FOR PRODUCING SAME
<a href="#">WO 2013114659 A1 20130808</a>	SHARP KK	DEVICE FOR SUPPLYING CELL ELECTRODE
<a href="#">WO 2013114874 A1 20130808</a>	DENSO CORP	VEHICLE THERMAL MANAGEMENT SYSTEM
<a href="#">WO 2013115314 A1 20130808</a>	NISSAN MOTOR	SOLID SOLUTION LITHIUM-CONTAINING TRANSITION METAL OXIDE AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013115544 A1 20130808</a>	LG CHEMICAL LTD	PRECURSOR PARTICLES OF LITHIUM COMPOSITE TRANSITION METAL OXIDE FOR LITHIUM SECONDARY BATTERY, AND CATHODE ACTIVE MATERIAL CONTAINING SAME
<a href="#">WO 2013099278 A1 20130704</a>	PANASONIC CORP	NEGATIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAME
<a href="#">WO 2013133602 A1 20130912</a>	V ENS CO LTD	COOLING SYSTEM FOR ELECTRIC VEHICLE BATTERY
<a href="#">WO 2013094404 A1 20130627</a>	SONY CORP	ACTIVE MATERIAL FOR SECONDARY BATTERIES, SECONDARY BATTERY, AND ELECTRONIC DEVICE
<a href="#">WO 2013125906 A1 20130829</a>	UNIV SUNGKYUNKWAN RES & BUS	SEPARATOR HAVING IMPROVED THERMAL RESISTANCE, AND ELECTROCHEMICAL DEVICE HAVING SAME
<a href="#">WO 2013124992 A1 20130829</a>	NISSHIN STEEL CO LTD	CLOSED-END OR HEARMETICALLY SEALED METALLIC CONTAINER, AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2013118757 A1 20130815</a>	KUREHA CORP	CARBONACEOUS MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2013122783 A1 20130822</a>	3M INNOVATIVE PROPERTIES CO	ELECTROCHEMICAL MAGNESIUM CELL AND METHOD OF MAKING SAME
<a href="#">WO 2013095885 A1 20130627</a>	VOLTERRA SEMICONDUCTOR CORP	SYSTEMS AND METHODS FOR INTELLIGENT, ADAPTIVE MANAGEMENT OF ENERGY STORAGE PACKS
<a href="#">WO 2013084396 A1 20130613</a>	TOYOTA JIDOSHOKKI KK	LITHIUM SILICATE COMPOUND, METHOD FOR PRODUCING SAME, POSITIVE ELECTRODE ACTIVE MATERIAL AND POSITIVE ELECTRODE FOR SECONDARY BATTERIES, AND SECONDARY BATTERY
<a href="#">WO 2013087350 A1 20130620</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	BATTERY MODULE WITH A CELL CONNECTOR CONTAINING AN ELECTRICALLY CONDUCTIVE FLUID
<a href="#">WO 2013093319 A1 20130627</a>	RENAULT SA	HEAT-STORAGE DEVICE FOR HEATING A VEHICLE BATTERY
<a href="#">WO 2013091942 A1 20130627</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	STACKABLE BATTERY MODULE
<a href="#">WO 2013125485 A1 20130829</a>	SUMITOMO ELECTRIC INDUSTRIES	ALL-SOLID-STATE LITHIUM SECONDARY BATTERY
<a href="#">WO 2013125761 A1 20130829</a>	POSTECH ACAD IND FOUND	GERMANIUM NANOPARTICLE/CARBON COMPOSITE ANODE MATERIAL USING NO BINDER FOR LITHIUM-POLYMER BATTERY HAVING HIGH CAPACITY AND HIGH RAPID CHARGE/DISCHARGE CHARACTERISTICS
<a href="#">WO 2013118380 A1 20130815</a>	HITACHI LTD	LITHIUM ION SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2013088824 A1 20130620</a>	HITACHI LTD	LITHIUM ION BATTERY AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2013089503 A1 20130620</a>	V ENS CO LTD	BATTERY-COOLING SYSTEM FOR AN ELECTRIC VEHICLE
<a href="#">WO 2013132592 A1 20130912</a>	TOYOTA MOTOR CO LTD	SOLID SULFIDE BATTERY SYSTEM AND METHOD FOR CONTROLLING SOLID SULFIDE BATTERY

<a href="#">WO 2013121654 A1 20130822</a>	GS YUASA INT LTD	ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, METHOD FOR MANUFACTURING ACTIVE MATERIAL, ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, AND NON-AQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2013089508 A1 20130620</a>	V ENS CO LTD	BATTERY-COOLING SYSTEM FOR AN ELECTRIC VEHICLE
<a href="#">WO 2013106476 A1 20130718</a>	XGLOW P T LLC	BATTERY AND METHOD OF USE
<a href="#">WO 2013105152 A1 20130718</a>	TOYOTA MOTOR CO LTD	TEMPERATURE ADJUSTMENT DEVICE AND PELTIER ELEMENT CONTROL METHOD
<a href="#">WO 2013105141 A1 20130718</a>	TOYOTA MOTOR CO LTD	BATTERY
<a href="#">WO 2013105139 A1 20130718</a>	TOYOTA MOTOR CO LTD	METHOD FOR CONTROLLING AND DEVICE FOR CONTROLLING SECONDARY BATTERY
<a href="#">WO 2013108309 A1 20130725</a>	TOYOTA JIDOSHOKKI KK	SECONDARY BATTERY
<a href="#">WO 2013108762 A1 20130725</a>	NISSAN MOTOR	BATTERY SYSTEM ELEMENT ARRANGEMENT STRUCTURE FOR ELECTRIC VEHICLE
<a href="#">WO 2013115549 A1 20130808</a>	LG CHEMICAL LTD	RECHARGEABLE BATTERY COMPRISING A ZIG-ZAG SHAPED SEALING PART
<a href="#">WO 2013108396 A1 20130725</a>	TOYOTA MOTOR CO LTD	PRODUCTION METHOD FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2013111978 A1 20130801</a>	LG CHEMICAL LTD	BATTERY PACK HAVING IMPROVED SAFETY
<a href="#">WO 2013116711 A1 20130808</a>	UNIV CALIFORNIA	CONDUCTIVE POLYMER COATED SI NANOPARTICLES COMPOSITE AND CURRENT COLLECTORS FOR LITHIUM ION NEGATIVE ELECTRODE
<a href="#">WO 2013125021 A1 20130829</a>	HITACHI LTD	ELECTRODE FOR LITHIUM ION SECONDARY CELL AND LITHIUM ION SECONDARY CELL
<a href="#">WO 2013115332 A1 20130808</a>	TOYOTA JIDOSHOKKI KK	SEPARATOR INCORPORATING ELECTRODE, ELECTRICAL STORAGE DEVICE, AND VEHICLE
<a href="#">WO 2013094757 A1 20130627</a>	TOKYO INST TECH	SULFIDE SOLID ELECTROLYTE MATERIAL, BATTERY, AND METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE MATERIAL
<a href="#">WO 2013119028 A1 20130815</a>	LG CHEMICAL LTD	NOVEL AIR COOLED STRUCTURED BATTERY PACK
<a href="#">WO 2013121563 A1 20130822</a>	TOYOTA MOTOR CO LTD	METHOD FOR MANUFACTURING SECONDARY CELL
<a href="#">WO 2013118972 A1 20130815</a>	SK INNOVATION CO LTD	BATTERY CELL
<a href="#">WO 2013093504 A2 20130627</a>	NEXEON LTD	ETCHED SILICON STRUCTURES, METHOD OF FORMING ETCHED SILICON STRUCTURES AND USES THEREOF
<a href="#">WO 2013099441 A1 20130704</a>	NISSAN MOTOR	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR ELECTRICAL DEVICE
<a href="#">WO 2013114459 A1 20130808</a>	TOYOTA MOTOR CO LTD	POWER STORAGE SYSTEM AND METHOD FOR DETERMINING STATE OF POWER STORAGE BLOCK
<a href="#">WO 2013110461 A2 20130801</a>	LI TEC BATTERY GMBH	ELECTROCHEMICAL ENERGY CONVERSION DEVICE COMPRISING A CELL HOUSING, BATTERY COMPRISING AT LEAST TWO OF SAID ELECTROCHEMICAL ENERGY CONVERSION DEVICES, AND METHOD FOR THE PRODUCTION OF AN ELECTROCHEMICAL ENERGY CONVERSION DEVICE
<a href="#">WO 2013108516 A1 20130725</a>	TOYOTA MOTOR CO LTD	ELECTRODE ELEMENT AND METHOD FOR PRODUCING SAME
<a href="#">WO 2013111595 A1 20130801</a>	JFE CHEMICAL CORP	METHOD FOR PRODUCING HARDLY-GRAPHITIZABLE CARBON MATERIAL, HARDLY-GRAPHITIZABLE CARBON MATERIAL, NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013119000 A1 20130815</a>	LG CHEMICAL LTD	EMBEDDED BATTERY CELL HAVING NOVEL STRUCTURE
<a href="#">WO 2013118997 A1 20130815</a>	LG CHEMICAL LTD	EMBEDDED BATTERY CELL HAVING NOVEL STRUCTURE
<a href="#">WO 2013108337 A1 20130725</a>	YAZAKI CORP	ELECTRICAL CONNECTOR
<a href="#">WO 2013105623 A1 20130718</a>	mitsubishi rayon co	BINDER RESIN COMPOSITION FOR SECONDARY BATTERY ELECTRODES, SLURRY FOR SECONDARY BATTERY ELECTRODES, ELECTRODE FOR SECONDARY BATTERIES, AND LITHIUM ION SECONDARY BATTERY



<a href="#">WO 2013099279 A1 20130704</a>	PANASONIC CORP	NEGATIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY COMPRISING NEGATIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES
<a href="#">WO 2013121989 A1 20130822</a>	AUTOMOTIVE ENERGY SUPPLY CORP	HARNESS SUPPORT STRUCTURE FOR BATTERY PACK
<a href="#">WO 2013122367 A1 20130822</a>	LG CHEMICAL LTD	AUTOMATIC TAPE ATTACHMENT DEVICE
<a href="#">WO 2013110468 A2 20130801</a>	LI TEC BATTERY GMBH	ELECTROCHEMICAL ENERGY CONVERSION DEVICE COMPRISING A CELL HOUSING, BATTERY COMPRISING AT LEAST TWO OF SAID ELECTROCHEMICAL ENERGY CONVERSION DEVICES, AND METHOD FOR THE PRODUCTION OF AN ELECTROCHEMICAL ENERGY CONVERSION DEVICE
<a href="#">WO 2013111186 A1 20130801</a>	TOYOTA MOTOR CO LTD	CONTROL DEVICE FOR LITHIUM-ION BATTERY AND RECOVERY METHOD FOR LITHIUM-ION BATTERY
<a href="#">WO 2013084931 A1 20130613</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	DEVICE, METHOD AND PROGRAM FOR CALCULATING ACCESSIBLE RANGE
<a href="#">WO 2013097967 A1 20130704</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	METHOD FOR CONTROLLING THE TEMPERATURE OF AT LEAST ONE BATTERY ELEMENT, BATTERY AND MOTOR VEHICLE WITH SUCH A BATTERY
<a href="#">WO 2013104394 A1 20130718</a>	AUDI NSU AUTO UNION AG	BATTERY ARRANGEMENT FOR A MOTOR VEHICLE
<a href="#">WO 2013098968 A1 20130704</a>	TOSHIBA KK	METHOD FOR PRODUCING ELECTRODE AND METHOD FOR PRODUCING NON-AQUEOUS ELECTROLYTE BATTERY
<a href="#">WO 2013098970 A1 20130704</a>	TOSHIBA KK	METHOD FOR PRODUCING ELECTRODE AND METHOD FOR PRODUCING NON-AQUEOUS ELECTROLYTE BATTERY
<a href="#">WO 2013094602 A1 20130627</a>	JX NIPPON OIL & ENERGY CORP	ORGANIC ELECTROLYTE, AND ORGANIC ELECTROLYTE STORAGE BATTERY
<a href="#">WO 2013097537 A1 20130704</a>	OU SANWA	PORTABLE STORAGE BATTERY FOR ELECTRIC AUTOMOBILE AND METHOD OF USE
<a href="#">WO 2013118985 A1 20130815</a>	LG CHEMICAL LTD	BUS BAR HAVING NOVEL STRUCTURE
<a href="#">WO 2013115473 A1 20130808</a>	MK ELECTRON CO LTD	ANODE ACTIVE MATERIAL FOR SECONDARY BATTERY, AND SECONDARY BATTERY INCLUDING SAME
<a href="#">WO 2013115311 A1 20130808</a>	NISSAN MOTOR	SOLID SOLUTION LITHIUM-CONTAINING TRANSITION METAL OXIDE AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013121990 A1 20130822</a>	AUTOMOTIVE ENERGY SUPPLY CORP	EXPLOSION-PREVENTION VALVE FOR BATTERY PACK
<a href="#">WO 2013122352 A1 20130822</a>	LG CHEMICAL LTD	LITHIUM SECONDARY BATTERY HAVING ANODE CONTAINING AQUEOUS BINDER
<a href="#">WO 2013106419 A1 20130718</a>	ENERGY POWER SYSTEMS LLC	IMPROVED SUBSTRATE FOR ELECTRODE OF ELECTROCHEMICAL CELL
<a href="#">WO 2013108795 A1 20130725</a>	TOYOTA MOTOR CO LTD	SOLID ELECTROLYTE MATERIAL, ALL-SOLID-STATE BATTERY AND METHOD FOR PRODUCING SOLID ELECTROLYTE MATERIAL
<a href="#">WO 2013108786 A1 20130725</a>	SANYO ELECTRIC CO	POWER SUPPLY DEVICE, VEHICLE PROVIDED WITH SAME, ELECTRICAL STORAGE DEVICE, AND CIRCUIT BOARD FOR POWER SUPPLY DEVICE
<a href="#">WO 2013105140 A1 20130718</a>	TOYOTA MOTOR CO LTD	METHOD FOR CONTROLLING AND DEVICE FOR CONTROLLING SECONDARY BATTERY
<a href="#">WO 2013111959 A1 20130801</a>	LG CHEMICAL LTD	BATTERY MODULE HAVING NOVEL STRUCTURE
<a href="#">WO 2013091990 A1 20130627</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	ELECTRIC SHOCK PROTECTION MEANS FOR CURRENT-CONDUCTING CONNECTION ELEMENTS
<a href="#">WO 2013114669 A1 20130808</a>	PRIMEARTH EV ENERGY CO LTD	STATE OF CHARGE DETECTION DEVICE
<a href="#">WO 2013118659 A1 20130815</a>	NEC CORP	LITHIUM-ION BATTERY AND METHOD FOR PRODUCING SAME
<a href="#">WO 2013119047 A1 20130815</a>	HYUNDAI DYMOS INC	MOTOR-INTEGRATED AXLE
<a href="#">WO 2013118661 A1 20130815</a>	NEC CORP	LITHIUM-ION BATTERY AND METHOD FOR PRODUCING SAME
<a href="#">WO 2013119629 A1 20130815</a>	OVONIC BATTERY CO	STABILIZED ANODE FOR LITHIUM BATTERY AND METHOD FOR ITS MANUFACTURE

<a href="#">WO 2013114426 A1 20130808</a>	TOYOTA MOTOR CO LTD	VEHICLE
<a href="#">WO 2013098969 A1 20130704</a>	TOSHIBA KK	METHOD FOR PRODUCING ELECTRODE AND METHOD FOR PRODUCING NON-AQUEOUS ELECTROLYTE BATTERY
<a href="#">WO 2013122146 A1 20130822</a>	NEC CORP	LITHIUM SECONDARY BATTERY AND ELECTROLYTE FOR LITHIUM SECONDARY BATTERY
<a href="#">WO 2013111256 A1 20130801</a>	HITACHI VEHICLE ENERGY LTD	SECONDARY BATTERY
<a href="#">WO 2013092048 A2 20130627</a>	BOSCH GMBH ROBERT	BATTERY ANODE COMPONENT FOR A BATTERY CELL AND METHOD FOR PRODUCING A BATTERY ANODE COMPONENT FOR A BATTERY CELL
<a href="#">WO 2013108841 A1 20130725</a>	KANEKA CORP	NON-AQUEOUS ELECTROLYTE SECONDARY CELL CONTAINING SCAVENGER
<a href="#">WO 2013111464 A1 20130801</a>	TOYOTA MOTOR CO LTD	TRAVEL CONTROL DEVICE
<a href="#">WO 2013103254 A1 20130711</a>	SK INNOVATION CO LTD	BATTERY MODULE
<a href="#">WO 2013111529 A1 20130801</a>	DENSO CORP	BATTERY TEMPERATURE ADJUSTMENT DEVICE
<a href="#">WO 2013105548 A1 20130718</a>	NISSAN MOTOR	METHOD FOR MANUFACTURING PACKED ELECTRODE, PACKED ELECTRODE, SECONDARY BATTERY, AND HEAT SEALING MACHINE
<a href="#">WO 2013104047 A1 20130718</a>	PANACIS INC	A SYSTEM FOR POWER BALANCE MONITORING IN BATTERIES
<a href="#">WO 2013115455 A1 20130808</a>	SK PLANET CO LTD	SYSTEM, METHOD, AND DEVICE FOR PROVIDING ADDITIONAL SERVICES WHEN CHARGING ELECTRIC VEHICLE
<a href="#">WO 2013095476 A1 20130627</a>	MISSION MOTORS	BATTERY MODULE
<a href="#">WO 2013108372 A1 20130725</a>	HITACHI VEHICLE ENERGY LTD	SECONDARY BATTERY
<a href="#">WO 2013109098 A1 20130725</a>	SK INNOVATION CO LTD	ELECTRODE ASSEMBLY FOR SECONDARY BATTERY
<a href="#">WO 2013108365 A1 20130725</a>	TOYOTA MOTOR CO LTD	SEALED LITHIUM SECONDARY BATTERY
<a href="#">WO 2013111231 A1 20130801</a>	CALSONIC KANSEI CORP	BATTERY STATE ESTIMATION DEVICE
<a href="#">WO 2013108766 A1 20130725</a>	NISSAN MOTOR	BATTERY COOLING STRUCTURE FOR ELECTRIC VEHICLE
<a href="#">WO 2013114880 A1 20130808</a>	DENSO CORP	HEAT EXCHANGER
<a href="#">WO 2013099000 A1 20130704</a>	TOYOTA MOTOR CO LTD	LITHIUM ION SECONDARY BATTERY, SEPARATOR THEREOF, AND METHOD FOR PRODUCING EACH OF SAME
<a href="#">WO 2013110406 A1 20130801</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	BATTERY MODULE HAVING AT LEAST ONE BATTERY CELL THAT IS THERMALLY INSULATED, AND A VEHICLE

[...volver a CONTENIDO](#)

## SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013093235 A2 20130627</a>	IFP ENERGIES NOUVELLES	DC POWER ELECTRICAL SYSTEM STABILIZED BY ACTIVE FILTERING
<a href="#">WO 2013097070 A1 20130704</a>	ISUDA RECREATION & SPORTS CO LTD	APPARATUS FOR PARALLEL CONNECTION AND PROTECTION OF BATTERIES OF AN ELECTRIC VEHICLE
<a href="#">WO 2013125305 A1 20130829</a>	TOYOTA MOTOR CO LTD	SEALED NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2013129223 A1 20130906</a>	NABTESCO CORP	STARTING CONTROL DEVICE FOR HYBRID DRIVE MECHANISM
<a href="#">WO 2013132922 A1 20130912</a>	AISIN AW CO	ELECTRIC VEHICLE INVERTER DEVICE
<a href="#">WO 2013087127 A2 20130620</a>	AUDI NSU AUTO UNION AG	MOTOR VEHICLE
<a href="#">WO 2013125372 A1 20130829</a>	SUMITOMO ELECTRIC INDUSTRIES	COIL UNIT AND CONTACTLESS POWER SUPPLY SYSTEM
<a href="#">WO 2013125465 A1 20130829</a>	NISSAN MOTOR	POSITIVE ELECTRODE ACTIVE MATERIAL
<a href="#">WO 2013100753 A1 20130704</a>	MIMOS BERHAD	DOUBLE-SIDED SUPER CAPACITOR AND METHOD FOR MAKING THE SAME
<a href="#">WO 2013131739 A2 20130912</a>	BAYERISCHE MOTOREN WERKE AG	VEHICLE WITH ELECTRICAL MACHINE AND METHOD FOR OPERATING THE SAME
<a href="#">WO 2013132181 A2 20130912</a>	VALEO SYS CONTROLE MOTEUR SAS	METHOD FOR DISCHARGING AT LEAST ONE CAPACITOR OF AN ELECTRIC CIRCUIT
<a href="#">WO 2013093276 A1 20130627</a>	TECHNOBOOST	HYDRAULICALLY POWERED HYBRID VEHICLE WITH OPTIMALLY SITUATED ELECTRIC ENERGY STORE
<a href="#">WO 2013088025 A1 20130620</a>	TECHNOBOOST	HYDRAULIC HYBRID VEHICLE HAVING AN OPTIMALLY INSTALLED ELECTRICITY STORAGE DEVICE
<a href="#">WO 2013109719 A1 20130725</a>	MASSACHUSETTS INST TECHNOLOGY	STACKED SWITCHED CAPACITOR ENERGY BUFFER CIRCUIT
<a href="#">WO 2013121614 A1 20130822</a>	KOMATSU MFG CO LTD	CHARGE/DISCHARGE CONTROL DEVICE FOR ELECTRIC ACCUMULATOR, CHARGE/DISCHARGE CONTROL METHOD FOR ELECTRIC ACCUMULATOR, AND HYBRID WORK MACHINE PROVIDED WITH CHARGE/DISCHARGE CONTROL DEVICE FOR ELECTRIC ACCUMULATOR
<a href="#">WO 2013107373 A1 20130725</a>	SHENZHEN BYD AUTO R & D COMPANY LTD	ELECTRIC VEHICLE RUNNING CONTROL SYSTEM

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## SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013084681 A1 20130613</a>	HONDA MOTOR CO LTD	ELECTRIC VEHICLE
<a href="#">WO 2013095050 A1 20130627</a>	DAEDONG IND CO LTD	ELECTRIC DRIVING TYPE UTILITY VEHICLE HAVING REGENERATIVE BRAKE FORCE DISTRIBUTION CONTROL FUNCTION, AND REGENERATIVE BRAKE FORCE DISTRIBUTION CONTROL METHOD THEREOF
<a href="#">WO 2013089225 A1 20130620</a>	NISSAN MOTOR	BRAKING TORQUE CONTROLLER
<a href="#">WO 2013128192 A2 20130906</a>	BENTLEY MOTORS LTD	A BRAKING SYSTEM FOR A VEHICLE
<a href="#">WO 2013133177 A1 20130912</a>	NISSAN MOTOR	BRAKE CONTROL DEVICE
<a href="#">WO 2013083885 A1 20130613</a>	ANTONOV ROUMEN	TRANSMISSION DEVICE, POWER TRAIN, ENERGY ACCUMULATOR, AND VEHICLE EQUIPPED THEREWITH
<a href="#">WO 2013113051 A2 20130808</a>	FTS COMPUTERTECHNIK GMBH	METHOD AND APPARATUS FOR MONITORING THE SHORT-CIRCUITING SWITCHING DEVICE OF A THREE-PHASE MOTOR
<a href="#">WO 2013134173 A1 20130912</a>	CATERPILLAR INC	FLYWHEEL DIAGNOSTIC SYSTEM AND METHOD
<a href="#">WO 2013130287 A1 20130906</a>	CATERPILLAR INC	KINETIC ENERGY SYSTEM AND METHOD FOR HYBRID MACHINE
<a href="#">WO 2013084624 A1 20130613</a>	HONDA MOTOR CO LTD	ELECTRIC VEHICLE
<a href="#">WO 2013094592 A1 20130627</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	BRAKE CONTROL DEVICE
<a href="#">WO 2013090082 A1 20130620</a>	CATERPILLAR INC	MINING TRUCK AND REGENERATIVE BRAKING STRATEGY THEREFOR
<a href="#">WO 2013084673 A1 20130613</a>	mitsubishi heavy ind LTD	CHARGING AND DISCHARGING CONTROL DEVICE, CHARGING CONTROL METHOD, DISCHARGING CONTROL METHOD, AND PROGRAM
<a href="#">WO 2013088464 A1 20130620</a>	TOYOTA MOTOR CO LTD	POWER CONSUMPTION PREDICTION DEVICE, VEHICLE CONTROL DEVICE, VEHICLE, POWER CONSUMPTION PREDICTION METHOD, AND VEHICLE CONTROL METHOD
<a href="#">WO 2013119367 A1 20130815</a>	LEE CHONG UK	RECONFIGURABLE BATTERY
<a href="#">WO 2013094473 A1 20130627</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	BRAKE DEVICE
<a href="#">WO 2013093511 A1 20130627</a>	JC BAMFORD EXCAVATORS LTD	A HYDRAULIC SYSTEM INCLUDING A KINETIC ENERGY STORAGE DEVICE
<a href="#">WO 2013115042 A1 20130808</a>	NISSAN MOTOR	REGENERATIVE BRAKE CONTROL DEVICE FOR ELECTRICALLY DRIVEN VEHICLE
<a href="#">WO 2013105248 A1 20130718</a>	MITSUBISHI ELECTRIC CORP	ELECTRIC VEHICLE CONTROL DEVICE

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## MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013110581 A2 20130801</a>	CONTINENTAL AUTOMOTIVE GMBH	ELECTRIC MACHINE AND MOTOR VEHICLE WITH AN ELECTRIC MACHINE
<a href="#">WO 2013127783 A1 20130906</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTARY ELECTRIC MACHINE
<a href="#">WO 2013094239 A1 20130627</a>	TOYOTA MOTOR CO LTD	POWER GENERATION CONTROL DEVICE FOR HYBRID VEHICLE
<a href="#">WO 2013089016 A1 20130620</a>	HONDA MOTOR CO LTD	CONTROL DEVICE AND CONTROL METHOD FOR ELECTRIC VEHICLE
<a href="#">WO 2013104868 A2 20130718</a>	VALEO SYS CONTROLE MOTEUR SAS	METHOD FOR CUTTING OFF AN ELECTRIC MOTOR OF A HYBRID VEHICLE
<a href="#">WO 2013098105 A1 20130704</a>	CONTINENTAL AUTOMOTIVE GMBH	VEHICLE ELECTRICS SYSTEM AND METHOD FOR OPERATING A VEHICLE ELECTRICS SYSTEM
<a href="#">WO 2013088010 A2 20130620</a>	VALEO EQUIP ELECTR MOTEUR	ROTARY ELECTRIC MACHINE ROTOR AND ROTARY ELECTRIC MACHINE COMPRISING SUCH A ROTOR
<a href="#">WO 2013113561 A1 20130808</a>	SCHAEFFLER TECHNOLOGIES AG	ELECTRICAL POWER TRAIN FOR THE STEERABLE AXLE OF A MOTOR VEHICLE
<a href="#">WO 2013114177 A1 20130808</a>	TVS MOTOR CO LTD	ELECTRICAL MACHINE
<a href="#">WO 2013127793 A1 20130906</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTARY ELECTRIC MACHINE
<a href="#">WO 2013130282 A1 20130906</a>	DEERE & CO	DRIVE SYSTEMS INCLUDING SLIDING MODE OBSERVERS AND METHODS OF CONTROLLING THE SAME
<a href="#">WO 2013135720 A1 20130919</a>	BORGWARNER TORQTRANSFER SYSTEMS AB	AN ELECTRIC DRIVE AXLE ARRANGEMENT FOR A ROAD VEHICLE
<a href="#">WO 2013088914 A1 20130620</a>	HONDA MOTOR CO LTD	HYBRID VEHICLE DIAGNOSTIC DEVICE AND DIAGNOSTIC METHOD
<a href="#">WO 2013094409 A1 20130627</a>	BOSCH CORP	HYBRID VEHICLE CONTROL DEVICE AND CONTROL METHOD
<a href="#">WO 2013124173 A1 20130829</a>	VALEO SYSTEMES THERMIQUES	DEVICE FOR THE THERMAL MANAGEMENT OF A CABIN AND OF A DRIVETRAIN OF A VEHICLE
<a href="#">WO 2013124113 A1 20130829</a>	BOSCH GMBH ROBERT	CALIBRATION AND MONITORING OF AN ANGLE MEASURING SYSTEM FOR ELECTRICAL MACHINES
<a href="#">WO 2013130533 A2 20130906</a>	INI POWER SYSTEMS INC	METHOD AND APPARATUS FOR EFFICIENT FUEL CONSUMPTION
<a href="#">WO 2013114731 A1 20130808</a>	AISIN AW CO; TOYOTA MOTOR CO LTD	VEHICLE DRIVE DEVICE
<a href="#">WO 2013100010 A1 20130704</a>	INTERMETALLICS CO LTD	SINTERED NEODYMIUM MAGNET
<a href="#">WO 2013102840 A2 20130711</a>	TOYOTA MOTOR CO LTD	CONTROL DEVICE OF VEHICLE
<a href="#">WO 2013110580 A1 20130801</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTOR FOR A ROTATING ELECTRICAL MACHINE AND ELECTRIC MOTOR
<a href="#">WO 2013110677 A2 20130801</a>	AVL LIST GMBH	ELECTRIC DRIVE UNIT
<a href="#">WO 2013110656 A1 20130801</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTOR FOR A ROTATING ELECTRIC MACHINE
<a href="#">WO 2013088553 A1 20130620</a>	TOYOTA MOTOR CO LTD	AUTOMOBILE
<a href="#">WO 2013129647 A1 20130906</a>	NISSAN MOTOR	MOTOR WIRING STRUCTURE
<a href="#">WO 2013131735 A2 20130912</a>	IMP INNOVATIONS LTD	METHOD AND APPARATUS FOR POWER SOURCE CONTROL
<a href="#">WO 2013137051 A1 20130919</a>	NISSAN MOTOR	ELECTRIC VEHICLE DRIVING FORCE CONTROL DEVICE AND CONTROL METHOD
<a href="#">WO 2013088509 A1 20130620</a>	TOYOTA MOTOR CO LTD	CONTROL DEVICE FOR HYBRID SYSTEM
<a href="#">WO 2013085396 A1 20130613</a>	HILL GREGORY PAUL	ELECTRICAL MACHINE
<a href="#">WO 2013092369 A1 20130627</a>	CONTINENTAL AUTOMOTIVE GMBH	APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN ELEMENT
<a href="#">WO 2013129053 A1 20130906</a>	NISSAN MOTOR	VEHICLE SHIFT CONTROL DEVICE
<a href="#">WO 2013133337 A1 20130912</a>	DUPONT TEIJIN ADVANCED PAPERS JAPAN LTD	MOTOR BOBBIN
<a href="#">WO 2013117500 A2 20130815</a>	RENAULT SA	SYSTEM AND METHOD FOR CONTROLLING THE POWER SUPPLY OF AN ELECTRIC MACHINE ON THE BASIS OF THE TEMPERATURE THEREOF

<a href="#">WO 2013100011 A1 20130704</a>	INTERMETALLICS CO LTD	SINTERED NEODYMIUM MAGNET
<a href="#">WO 2013084851 A1 20130613</a>	TOYOTA MOTOR CO LTD	LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2013094923 A1 20130627</a>	AMOTECH CO LTD	MOTOR COMPRISING INTEGRATED STATOR CORE
<a href="#">WO 2013085946 A1 20130613</a>	CATERPILLAR INC	METHOD AND APPARATUS TO ELIMINATE FUEL USE FOR ELECTRIC DRIVE MACHINES DURING TROLLEY OPERATION
<a href="#">WO 2013091943 A2 20130627</a>	BOSCH GMBH ROBERT	ROTOR FOR AN ELECTRIC MACHINE HAVING MAGNETS SECURED BY A THERMOPLASTIC MATERIAL AND CORRESPONDING MANUFACTURING METHOD
<a href="#">WO 2013099001 A1 20130704</a>	TOYOTA MOTOR CO LTD	ROTARY ELECTRIC MACHINE AND STATOR MANUFACTURING METHOD
<a href="#">WO 2013125694 A1 20130829</a>	AISIN AW CO	CONTROL DEVICE
<a href="#">WO 2013128992 A1 20130906</a>	AISIN AW CO	HYBRID-DRIVE DEVICE
<a href="#">WO 2013129957 A1 20130906</a>	POTAPOV YURIY SEMENOVICH	METHOD AND APPARATUS FOR PRODUCING ENERGY AND VEHICLE USING SAID METHOD AND APPARATUS
<a href="#">WO 2013137642 A1 20130919</a>	LEE CHUN-WOO	VARIABLE SPEED DRIVING APPARATUS
<a href="#">WO 2013088991 A1 20130620</a>	AUTONETWORKS TECHNOLOGIES LTD	ELECTRICAL WIRE CONNECTION STRUCTURE AND ELECTRICAL WIRE CONNECTION METHOD
<a href="#">WO 2013084946 A1 20130613</a>	BOSCH CORP	HYBRID VEHICLE CONTROL DEVICE AND CONTROL METHOD
<a href="#">WO 2013128837 A1 20130906</a>	NISSAN MOTOR	VEHICLE DRIVE CONTROL APPARATUS, AND VEHICLE DRIVE CONTROL METHOD
<a href="#">WO 2013110648 A2 20130801</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTATING ELECTRIC MACHINE
<a href="#">WO 2013114729 A1 20130808</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	ROTARY ELECTRIC MACHINE
<a href="#">WO 2013125682 A1 20130829</a>	NTN TOYO BEARING CO LTD	MOTOR DRIVE DEVICE FOR VEHICLES
<a href="#">WO 2013126637 A1 20130829</a>	REMY TECHNOLOGIES LLC	ELECTRIC MACHINE MODULE
<a href="#">WO 2013129024 A1 20130906</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	INDUCTION MOTOR, ELECTRIC DRIVE SYSTEM, AND ELECTRIC VEHICLE COMPRISING BOTH
<a href="#">WO 2013122256 A1 20130822</a>	TDK CORP	R-T-B SINTERED MAGNET
<a href="#">WO 2013110182 A1 20130801</a>	MAHY E CELL PARTNERSHIP	ELECTRODE ASSEMBLY FOR A LITHIUM-ION BATTERY
<a href="#">WO 2013125188 A1 20130829</a>	NISSAN MOTOR	MECHATRONICALLY INTEGRATED ELECTRIC MOTOR, AND METHOD FOR ASSEMBLING MECHATRONICALLY INTEGRATED ELECTRIC MOTOR
<a href="#">WO 2013118674 A1 20130815</a>	NISSAN MOTOR	MOTOR CONTROL UNIT
<a href="#">WO 2013131825 A2 20130912</a>	SIEMENS AG	COOLING DEVICE FOR A ROTOR OF AN ELECTRIC MACHINE
<a href="#">WO 2013110652 A1 20130801</a>	CONTINENTAL AUTOMOTIVE GMBH	ROTOR FOR A ROTATING ELECTRIC MACHINE AND ROTATING ELECTRIC MACHINE
<a href="#">WO 2013129455 A1 20130906</a>	AISIN AW CO	VEHICLE DRIVE DEVICE
<a href="#">WO 2013122255 A1 20130822</a>	TDK CORP	R-T-B SINTERED MAGNET
<a href="#">WO 2013101519 A1 20130704</a>	MAGNA E CAR SYSTEMS OF AMERICA INC	THERMAL MANAGEMENT SYSTEM FOR VEHICLE HAVING TRACTION MOTOR
<a href="#">WO 2013111829 A1 20130801</a>	NISSAN MOTOR	HYBRID VEHICLE CONTROL APPARATUS, AND HYBRID VEHICLE CONTROL METHOD
<a href="#">WO 2013117973 A2 20130815</a>	TOYOTA MOTOR CO LTD	POWER TRANSMITTING DEVICE, POWER RECEIVING DEVICE AND POWER TRANSFER SYSTEM
<a href="#">WO 2013125223 A1 20130829</a>	JFE STEEL CORP	METHOD FOR PRODUCING ELECTROMAGNETIC STEEL SHEET
<a href="#">WO 2013121541 A1 20130822</a>	TOYOTA MOTOR CO LTD	CONTROL DEVICE FOR HYBRID VEHICLE
<a href="#">WO 2013113103 A1 20130808</a>	AZURE DYNAMICS INC	APPARATUS AND METHOD FOR DELIVERING POWER IN A HYBRID VEHICLE
<a href="#">WO 2013125069 A1 20130829</a>	SIM DRIVE CORP	THREE-PHASE PERMANENT MAGNET SYNCHRONOUS MOTOR
<a href="#">WO 2013128671 A1 20130906</a>	NSK LTD	IN-WHEEL MOTOR
<a href="#">WO 2013133474 A1 20130912</a>	ILJIN ELECTRIC	INTERIOR PERMANENT MAGNET MOTOR
<a href="#">WO 2013087222 A1 20130620</a>	VOLKSWAGEN AG	DEVICE FOR GENERATING ELECTRICAL ENERGY
<a href="#">WO 2013121574 A1 20130822</a>	TOYOTA MOTOR CO LTD	VEHICLE AND VEHICLE CONTROL METHOD
<a href="#">WO 2013111467 A1 20130801</a>	TDK CORP	MAGNETIC MEASUREMENT DEVICE
<a href="#">WO 2013100723 A1 20130704</a>	PYONG HWA VALEO CO LTD	DRIVELINE ASSEMBLY STRUCTURE OF ELECTRIC VEHICLE

<a href="#">WO 2013124940 A1 20130829</a>	PANASONIC CORP	RESIN-SEALED SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2013118630 A1 20130815</a>	HITACHI CONSTRUCTION MACHINERY	TRANSPORTATION VEHICLE
<a href="#">WO 2013115325 A1 20130808</a>	NISSAN MOTOR	PROCESS AND EQUIPMENT FOR PRODUCING SINTERED MAGNET
<a href="#">WO 2013121924 A1 20130822</a>	NIPPON STEEL & SUMITOMO METAL	NON-ORIENTED ELECTROMAGNETIC STEEL SHEET
<a href="#">WO 2013126263 A2 20130829</a>	MAGNA E CAR SYSTEMS OF AMERICA INC	DETERMINATION AND DISPLAY OF EXPECTED RANGE OF VEHICLE HAVING ELECTRIC TRACTION MOTOR
<a href="#">WO 2013121668 A1 20130822</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	ROTATING ELECTRICAL MACHINE AND METHOD FOR MANUFACTURING ROTATING ELECTRICAL MACHINE
<a href="#">WO 2013111901 A1 20130801</a>	AISIN AW CO	CONTROL DEVICE OF VEHICLE DRIVE DEVICE
<a href="#">WO 2013111866 A1 20130801</a>	AISIN AW CO	HYBRID DRIVE DEVICE
<a href="#">WO 2013120570 A2 20130822</a>	DAIMLER AG	STATOR MOUNT FOR AN ELECTRIC MACHINE
<a href="#">WO 2013121544 A1 20130822</a>	TOYOTA MOTOR CO LTD	CONTROL DEVICE AND CONTROL SYSTEM
<a href="#">WO 2013113006 A1 20130801</a>	REMY TECHNOLOGIES LLC	ELECTRIC MACHINE COOLING
<a href="#">WO 2013111900 A1 20130801</a>	AISIN AW CO	CONTROL DEVICE OF VEHICLE DRIVE DEVICE
<a href="#">WO 2013108847 A1 20130725</a>	AISIN AW CO	CONTROL DEVICE FOR VEHICLE DRIVE DEVICE
<a href="#">WO 2013092398 A2 20130627</a>	CONTINENTAL AUTOMOTIVE GMBH	METHOD AND DEVICE FOR CORRECTING A MEASURED VALUE OF AN ANGLE OF ROTATION OF A ROTOR OF AN ELECTRIC MACHINE
<a href="#">WO 2013111380 A1 20130801</a>	HINO MOTORS LTD	ABNORMALITY DETECTION APPARATUS, HYBRID VEHICLE, ABNORMALITY DETECTION METHOD, AND PROGRAM
<a href="#">WO 2013090021 A2 20130620</a>	CHRYSLER GROUP LLC	ELECTRIC POWER DISSIPATION CONTROL

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## CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013086627 A1 20130620</a>	PANACIS INC	A SYSTEM AND METHOD FOR ENHANCING THE COST-EFFICIENCY OF RECHARGEABLE BATTERY SYSTEMS
<a href="#">WO 2013094261 A1 20130627</a>	SHARP KK	POWER CONVERSION APPARATUS
<a href="#">WO 2013088642 A1 20130620</a>	FUJI ELECTRIC CO LTD	POWER CONVERSION DEVICE
<a href="#">WO 2013094330 A1 20130627</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER CONVERSION DEVICE
<a href="#">WO 2013088047 A1 20130620</a>	VALEO SYS CONTROLE MOTEUR SAS	THERMALLY CONDUCTIVE AND ELECTRICALLY INSULATING LINK BETWEEN AT LEAST ONE ELECTRONIC COMPONENT AND A COMPLETELY OR PARTIALLY METAL RADIATOR
<a href="#">WO 2013092183 A2 20130627</a>	BOSCH GMBH ROBERT	ENERGY STORAGE DEVICE, SYSTEM HAVING AN ENERGY STORAGE DEVICE, AND METHOD FOR CONTROLLING AN ENERGY STORAGE DEVICE
<a href="#">WO 2013084417 A1 20130613</a>	FUJI ELECTRIC CO LTD	POWER CONVERSION APPARATUS
<a href="#">WO 2013092038 A2 20130627</a>	SIEMENS AG	RECTIFIER CIRCUIT
<a href="#">WO 2013092042 A2 20130627</a>	SIEMENS AG	RECTIFIER CIRCUIT
<a href="#">WO 2013133014 A1 20130912</a>	NISSAN MOTOR	INVERTER MODULE
<a href="#">WO 2013091938 A2 20130627</a>	BOSCH GMBH ROBERT	SYSTEM AND METHOD FOR CONTROLLING AN ENERGY STORAGE DEVICE
<a href="#">WO 2013125011 A1 20130829</a>	TOYOTA MOTOR CO LTD	CURRENT SENSOR AND POWER CONVERTER
<a href="#">WO 2013084416 A1 20130613</a>	FUJI ELECTRIC CO LTD	POWER CONVERTER
<a href="#">WO 2013088217 A1 20130620</a>	META SYSTEM SPA	PROCEDURE FOR THE MANUFACTURE OF BATTERY CHARGERS FOR VEHICLES AND BATTERY CHARGERS THUS OBTAINABLE
<a href="#">WO 2013124080 A2 20130829</a>	SIEMENS AG	POWER ELECTRONICS MODULE SYSTEM
<a href="#">WO 2013091949 A1 20130627</a>	BOSCH GMBH ROBERT	CONTROL DEVICE FOR SEMICONDUCTOR SWITCH ON AN INVERTER AND METHOD FOR THE ACTUATION OF AN INVERTER
<a href="#">WO 2013114758 A1 20130808</a>	FUJI ELECTRIC CO LTD	CONTROL DEVICE FOR RESONANCE-TYPE DC-DC CONVERTER
<a href="#">WO 2013125022 A1 20130829</a>	HITACHI LTD	SEMICONDUCTOR DEVICE
<a href="#">WO 2013092035 A2 20130627</a>	SIEMENS AG	RECTIFIER CIRCUIT
<a href="#">WO 2013118274 A1 20130815</a>	TECHNOVA INC	BIDIRECTIONAL CONTACTLESS POWER SUPPLY SYSTEM
<a href="#">WO 2013118677 A1 20130815</a>	NTN TOYO BEARING CO LTD	POWDER FOR MAGNETIC CORE AND POWDER MAGNETIC CORE
<a href="#">WO 2013126154 A1 20130829</a>	OLDENBURG GROUP INC	ALL-ELECTRIC POWERED ANFO VEHICLE
<a href="#">WO 2013129247 A1 20130906</a>	NISSAN MOTOR	ELECTRIC UNIT
<a href="#">WO 2013114549 A1 20130808</a>	MITSUBISHI ELECTRIC CORP	MAIN CIRCUIT SYSTEM FOR ELECTRIC ROLLING STOCK
<a href="#">WO 2013112304 A1 20130801</a>	EMPOWER MICRO SYSTEMS INC	STACKED VOLTAGE SOURCE INVERTER WITH SEPARATE DC SOURCES
<a href="#">WO 2013088496 A1 20130620</a>	MITSUBISHI ELECTRIC CORP	ELECTRIC POWER CONVERSION DEVICE
<a href="#">WO 2013125696 A1 20130829</a>	ROHM CO LTD	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2013128995 A1 20130906</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER CONVERSION DEVICE
<a href="#">WO 2013109719 A1 20130725</a>	MASSACHUSETTS INST TECHNOLOGY	STACKED SWITCHED CAPACITOR ENERGY BUFFER CIRCUIT
<a href="#">WO 2013111234 A1 20130801</a>	FUJI ELECTRIC CO LTD	POWER CONVERSION DEVICE
<a href="#">WO 2013118678 A1 20130815</a>	NISSAN MOTOR	POWER CONVERSION DEVICE AND METHOD FOR DRIVING SAME
<a href="#">WO 2013088870 A1 20130620</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER SEMICONDUCTOR MODULE AND POWER MODULE
<a href="#">WO 2013118223 A1 20130815</a>	FUJI ELECTRIC CO LTD	ELECTRIC POWER CONVERSION DEVICE
<a href="#">WO 2013091951 A2 20130627</a>	BOSCH GMBH ROBERT	SYSTEM AND DEVICE FOR CHARGING THE ENERGY STORAGE CELLS OF AN ENERGY STORAGE DEVICE
<a href="#">WO 2013110090 A1 20130725</a>	UNIV OHIO STATE	ENHANCED FLYBACK CONVERTER



<a href="#">WO 2013105166 A1 20130718</a>	FUJI ELECTRIC CO LTD	POWER CONVERSION APPARATUS
<a href="#">WO 2013125672 A1 20130829</a>	NISSAN MOTOR	POWER-SUPPLY DEVICE AND CONTROL METHOD THEREFOR

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## RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013112526 A1 20130801</a>	ACCESS BUSINESS GROUP INT LLC	WIRELESS POWER CONTROL SYSTEM
<a href="#">WO 2013091875 A2 20130627</a>	AMPIUM LTD	INDUCTIVE POWER COUPLING SYSTEMS FOR ROADWAYS
<a href="#">WO 2013113438 A1 20130808</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	CHARGE EQUALIZATION FOR CELLS OF A BATTERY
<a href="#">WO 2013128298 A2 20130906</a>	TOYOTA MOTOR CO LTD	VEHICLE CHARGING APPARATUS
<a href="#">WO 2013121472 A2 20130822</a>	TOYOTA MOTOR CO LTD	FEED CABLE, POWER SUPPLY SYSTEM AND ELECTRIC-POWERED VEHICLE
<a href="#">WO 2013127800 A2 20130906</a>	SCHUNK BAHN UND INDUSTRIETECHNIK GMBH	CURRENT TRANSMISSION DEVICE FOR CHARGING ELECTRICAL ENERGY STORES OF VEHICLES AT OVERHEAD CHARGING STATIONS
<a href="#">WO 2013099868 A1 20130704</a>	TOYOTA JIDOSHOKKI KK	VEHICLE CHARGING SYSTEM
<a href="#">WO 2013097797 A1 20130704</a>	SHENZHEN BYD AUTO R & D COMPANY LTD; BYD CO LTD	ELECTRIC AUTOMOBILE AND DISCHARGING DEVICE THEREOF
<a href="#">WO 2013099221 A1 20130704</a>	PANASONIC CORP	NON-CONTACT CHARGING DEVICE
<a href="#">WO 2013099549 A1 20130704</a>	MITSUBISHI ELECTRIC CORP	ENERGY MANAGEMENT SYSTEM
<a href="#">WO 2013098904 A1 20130704</a>	TOYOTA MOTOR CO LTD	POWER STORAGE SYSTEM
<a href="#">WO 2013098928 A1 20130704</a>	PIONEER CORP	VEHICLE DRIVE DEVICE
<a href="#">WO 2013125573 A1 20130829</a>	CHUO HATSUJO KK	CABLE HOUSING DEVICE
<a href="#">WO 2013128808 A1 20130906</a>	NEC ENERGY DEVICES LTD	BATTERY CONTROL SYSTEM, BATTERY PACK, ELECTRONIC DEVICE, AND CHARGER
<a href="#">WO 2013129452 A1 20130906</a>	EQUOS RES CO LTD	POWER TRANSMISSION SYSTEM
<a href="#">WO 2013140059 A1 20130926</a>	RENAULT SA	METHOD FOR THE CONTACTLESS CHARGING OF A BATTERY OF AN ELECTRIC MOTOR VEHICLE
<a href="#">WO 2013118451 A1 20130815</a>	SONY CORP	POWER SUPPLY DEVICE AND POWER RECEIVING DEVICE
<a href="#">WO 2013085007 A1 20130613</a>	HONDA MOTOR CO LTD	CHARGING DEVICE OF ELECTRIC VEHICLE
<a href="#">WO 2013080861 A1 20130606</a>	TOYOTA JIDOSHOKKI KK	NON-CONTACT POWER SUPPLY DEVICE
<a href="#">WO 2013084492 A1 20130613</a>	PANASONIC CORP	VEHICLE GUIDANCE DEVICE AND VEHICLE GUIDANCE METHOD
<a href="#">WO 2013104393 A1 20130718</a>	AUDI NSU AUTO UNION AG	BATTERY ARRANGEMENT FOR A MOTOR VEHICLE
<a href="#">WO 2013133265 A1 20130912</a>	TOYOTA JIDOSHOKKI KK	CELL BALANCING DEVICE
<a href="#">WO 2013128851 A1 20130906</a>	PANASONIC CORP	IN-VEHICLE CHARGER
<a href="#">WO 2013129217 A1 20130906</a>	NISSAN MOTOR	ELECTRIC VEHICLE
<a href="#">WO 2013129602 A1 20130906</a>	TOYOTA JIDOSHOKKI KK	CELL BALANCING DEVICE
<a href="#">WO 2013128249 A2 20130906</a>	SABIC INNOVATIVE PLASTICS IP	ENERGY ABSORBING SYSTEM FOR ELECTRIC VEHICLE CHARGING STATION AND METHODS FOR MAKING AND USING THE SAME
<a href="#">WO 2013118116 A2 20130815</a>	HUMAVOX LTD	ENERGY HARVESTING SYSTEM
<a href="#">WO 2013094721 A1 20130627</a>	SUMITOMO ELECTRIC INDUSTRIES	FEEDING APPARATUS AND COMMUNICATION METHOD
<a href="#">WO 2013097583 A1 20130704</a>	SHENZHEN BYD AUTO R & D COMPANY LTD	CHARGING DEVICE, METHOD FOR CONTROLLING CHARGING DEVICE AND METHOD FOR DETECTING PERIPHERAL DEVICE
<a href="#">WO 2013089510 A1 20130620</a>	V ENS CO LTD	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO 2013093151 A2 20130627</a>	MORA CANO FRANCISCO JOSE	DEVICE FOR RECHARGING THE PROPULSION BATTERIES OF AN ELECTRIC MOTOR VEHICLE
<a href="#">WO 2013121291 A2 20130822</a>	ACCENTURE GLOBAL SERVICES LTD	ELECTRIC VEHICLE DISTRIBUTED INTELLIGENCE
<a href="#">WO 2013129006 A1 20130906</a>	SUMITOMO ELECTRIC INDUSTRIES	POWER-SUPPLY DEVICE AND COMMUNICATION METHOD
<a href="#">WO 2013111127 A1 20130801</a>	BETTER PLACE GMBH	CHARGE SPOT DEVICE FOR CHARGING ELECTRIC VEHICLES
<a href="#">WO 2013132604 A1 20130912</a>	TOYOTA MOTOR CO LTD	ELECTRIC-POWERED VEHICLE AND METHOD FOR CONTROLLING SAME

<a href="#">WO 2013136787 A1 20130919</a>	PANASONIC CORP	ELECTRICITY SUPPLY DEVICE, ELECTRICITY RECEPTION DEVICE, AND ELECTRICITY SUPPLY SYSTEM
<a href="#">WO 2013092361 A1 20130627</a>	CONTINENTAL AUTOMOTIVE GMBH	INDUCTIVE TRANSFER OF ENERGY FROM A PRIMARY COIL TO A SECONDARY COIL OF AN ELECTROMOBILE MOTOR VEHICLE
<a href="#">WO 2013081056 A1 20130606</a>	MITSUBISHI HEAVY IND LTD	BATTERY SYSTEM
<a href="#">WO 2013094344 A1 20130627</a>	NEC CORP	STORAGE BATTERY DEVICE AND CHARGING CONTROL METHOD
<a href="#">WO 2013124978 A1 20130829</a>	TOYOTA MOTOR CO LTD	VEHICLE, CHARGING DEVICE, AND CHARGING SYSTEM
<a href="#">WO 2013125827 A1 20130829</a>	SAMSUNG ELECTRONICS CO LTD	APPARATUS AND METHOD FOR WIRELESS CHARGING
<a href="#">WO 2013113400 A1 20130808</a>	SIEMENS AG	METHOD FOR PROTECTING A CHARGING CABLE, AND A CHARGING DEVICE
<a href="#">WO 2013128807 A1 20130906</a>	NEC ENERGY DEVICES LTD	BATTERY CONTROL SYSTEM, BATTERY PACK, ELECTRONIC DEVICE, AND CHARGER
<a href="#">WO 2013129451 A1 20130906</a>	EQUOS RES CO LTD	POWER TRANSMISSION SYSTEM
<a href="#">WO 2013117425 A1 20130815</a>	ABB TECHNOLOGY AG	CONVERTER FOR A BATTERY CHARGING STATION
<a href="#">WO 2013110649 A2 20130801</a>	COMMISSARIAT ENERGIE ATOMIQUE	COMBINED CONTROL OF TWO VOLTAGE SOURCES
<a href="#">WO 2013121724 A1 20130822</a>	SONY CORP	POWER SUPPLY DEVICE AND POWER RECEIVING DEVICE WITH BILLING PROCESSING UNIT
<a href="#">WO 2013115251 A1 20130808</a>	SUMITOMO ELECTRIC INDUSTRIES	BATTERY DEVICE AND BATTERY HEATING SYSTEM AND VEHICLE
<a href="#">WO 2013087482 A1 20130620</a>	TYCO ELECTRONICS AMP GMBH	CONNECTOR WITH INDICATOR BODY AND SEPARATION DEVICE MOUNTABLE TO A CABLE
<a href="#">WO 2013093306 A1 20130627</a>	SCHNEIDER ELECTRIC IND SAS	METHOD FOR MONITORING AND OPTIMISING THE OPERATION OF A CHARGING TERMINAL FOR AN ELECTRIC VEHICLE AND CHARGING TERMINAL FOR IMPLEMENTING SAID METHOD
<a href="#">WO 2013089181 A1 20130620</a>	TOKAI RUBBER IND LTD	NON-CONTACT POWER SUPPLY APPARATUS
<a href="#">WO 2013128987 A1 20130906</a>	MITSUBISHI ELECTRIC CORP	DEVICE AND METHOD FOR INSPECTING CHARGER
<a href="#">WO 2013132874 A1 20130912</a>	PANASONIC CORP	CHARGING CABLE
<a href="#">WO 2013099782 A2 20130704</a>	SONY CORP	POWER RESERVE APPARATUS, POWER SYSTEM, AND ELECTRIC VEHICLE
<a href="#">WO 2013100559 A1 20130704</a>	HYOSUNG CORP	ELECTRIC VEHICLE CHARGING DEVICE
<a href="#">WO 2013121166 A2 20130822</a>	HODGSON RICHARD	SOLAR PV SYSTEM FOR VEHICLES
<a href="#">WO 2013087094 A1 20130620</a>	SIEMENS AG	METHOD FOR IDENTIFYING A CHARGING DEVICE
<a href="#">WO 2013087823 A1 20130620</a>	RENAULT SA	SYSTEM AND METHOD FOR COMPENSATING FOR HIGH-FREQUENCY LEAKAGE CURRENTS IN A MOTOR VEHICLE
<a href="#">WO 2013115035 A1 20130808</a>	SANYO ELECTRIC CO	POWER SOURCE DEVICE AND VEHICLE AND POWER STORAGE DEVICE PROVIDED WITH THIS POWER SOURCE DEVICE
<a href="#">WO 2013100764 A1 20130704</a>	ABB BV	METHOD, SYSTEM AND CHARGER FOR CHARGING A BATTERY OF AN ELECTRIC VEHICLE
<a href="#">WO 2013113585 A2 20130808</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	CHARGE EQUALIZATION METHOD FOR BATTERY ELEMENTS, BATTERY SYSTEM AND MOTOR VEHICLE HAVING SAID BATTERY SYSTEM
<a href="#">WO 2013084663 A1 20130613</a>	TOYOTA JIDOSHOKKI KK	BATTERY CHARGING AMOUNT CONTROL DEVICE AND METHOD
<a href="#">WO 2013128936 A1 20130906</a>	TOYOTA JIDOSHOKKI KK	ACTIVE MATERIAL COMPOSITE, METHOD FOR PRODUCING SAME, POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2013132547 A1 20130912</a>	MITSUBISHI MOTORS CORP	VEHICLE INFORMATION DISPLAY DEVICE
<a href="#">WO 2013118368 A1 20130815</a>	TOYOTA JIDOSHOKKI KK	CHARGING STATION AND RELATIVE POSITION CONTROL METHOD
<a href="#">WO 2013118745 A1 20130815</a>	IHI CORP	NON-CONTACT POWER SUPPLY SYSTEM
<a href="#">WO 2013111869 A1 20130801</a>	CHUO HATSUJO KK	CHARGING CABLE HOUSING DEVICE

<a href="#">WO 2013104466 A1 20130718</a>	ALCATEL LUCENT	A METHOD, A DEVICE, A SYSTEM, A COMPUTER PROGRAM AND A COMPUTER PROGRAM PRODUCT FOR DETERMINING INFORMATION ABOUT EFFICIENCY OF AN INDUCTIVE CHARGING SYSTEM, HAVING A PRIMARY COIL EMBEDDED IN A ROAD INFRASTRUCTURE
<a href="#">WO 2013114467 A1 20130808</a>	TOYOTA MOTOR CO LTD	POWER STORAGE SYSTEM
<a href="#">WO 2013114522 A1 20130808</a>	TOYOTA MOTOR CO LTD	VEHICLE POWER RECEIVING DEVICE, POWER SUPPLY EQUIPMENT AND ELECTRICAL POWER TRANSMISSION SYSTEM
<a href="#">WO 2013093269 A1 20130627</a>	PEUGEOT CITROEN AUTOMOBILES SA	METHOD FOR MANAGING ELECTRICITY IN A MOTOR VEHICLE, AND MOTOR VEHICLE IMPLEMENTING SUCH A METHOD
<a href="#">WO 2013129725 A1 20130906</a>	AD MOTORS CO LTD	CHARGING SOCKET FOR ELECTRIC VEHICLE, CHARGER PLUG AND CHARGING SYSTEM COMPRISING SAME
<a href="#">WO 2013084665 A1 20130613</a>	HONDA MOTOR CO LTD	POWER CONTROL DEVICE
<a href="#">WO 2013115498 A1 20130808</a>	KIM KYUNG SOO	DRIVING POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE AND CONTROL METHOD THEREFOR
<a href="#">WO 2013132558 A1 20130912</a>	PANASONIC CORP	AC ADAPTOR
<a href="#">WO 2013127445 A1 20130906</a>	SIEMENS AG	CHARGING SYSTEM FOR THE GALVANICALLY SEPARATED CHARGING OF AN ELECTRICAL ENERGY ACCUMULATOR OF A VEHICLE, ELECTRICALLY POWERED VEHICLE, CHARGING STATION FOR A VEHICLE, AND CORRESPONDING METHOD
<a href="#">WO 2013113751 A2 20130808</a>	VOLKSWAGEN AG; AUDI NSU AUTO UNION AG	NAVIGATION SYSTEM AND METHOD FOR AN ELECTRIC VEHICLE TRAVELLING FROM A STARTING POINT TO A DESTINATION
<a href="#">WO 2013121721 A1 20130822</a>	MITSUBISHI MOTORS CORP	VOLTAGE BALANCE CONTROL DEVICE
<a href="#">WO 2013114757 A1 20130808</a>	TOYOTA JIDOSHOKKI KK	BATTERY EQUALIZATION DEVICE AND METHOD
<a href="#">WO 2013088569 A1 20130620</a>	PIONEER CORP	FACILITY INFORMATION PRESENTING DEVICE AND FACILITY INFORMATION PRESENTING METHOD
<a href="#">WO 2013088877 A1 20130620</a>	MITSUBISHI HEAVY IND LTD	POWER DEMAND AMOUNT CALCULATION SYSTEM, POWER DEMAND AMOUNT CALCULATION METHOD, POWER DEMAND AMOUNT CALCULATION APPARATUS, PROGRAM, AND RECORDING MEDIUM
<a href="#">WO 2013094871 A1 20130627</a>	MYONGJI UNIV IND & ACAD COOP	BATTERY CHARGING DEVICE FOR AN ELECTRIC VEHICLE
<a href="#">WO 2013132640 A1 20130912</a>	TOYOTA MOTOR CO LTD	VEHICLE CONTROL DEVICE
<a href="#">WO 2013128700 A1 20130906</a>	TOYOTA AUTO BODY CO LTD	POWER SUPPLY APPARATUS
<a href="#">WO 2013135562 A2 20130919</a>	VOLKSWAGEN AG	METHOD FOR DISPLAYING INFORMATION RELATING TO THE CHARGING PROCESS AND/OR CHARGING STATE OF AN ELECTRIC OR HYBRID VEHICLE
<a href="#">WO 2013092765 A2 20130627</a>	BOSCH GMBH ROBERT	METHOD AND DEVICE FOR ADAPTING A VOLTAGE LIMIT IN AN ELECTRICAL SYSTEM
<a href="#">WO 2013104408 A1 20130718</a>	SIEMENS AG	CHARGING DEVICE
<a href="#">WO 2013111616 A1 20130801</a>	TOYOTA JIDOSHOKKI KK	CHARGING SYSTEM
<a href="#">WO 2013092548 A2 20130627</a>	PHOENIX CONTACT GMBH & CO	UNLOCKING CIRCUIT
	JANKOWSKI MARTIN	
<a href="#">WO 2013118336 A1 20130815</a>	MITSUBISHI ELECTRIC CORP	POWER CONVERSION DEVICE
<a href="#">WO 2013115365 A1 20130808</a>	MITSUBISHI HEAVY IND LTD	ELECTRICAL CHARGING/DISCHARGING CONTROLLER, CHARGING CONTROL METHOD, DISCHARGING CONTROL METHOD, AND PROGRAM
<a href="#">WO 2013115318 A1 20130808</a>	NEC CORP	POWER SUPPLY/DEMAND ADJUSTMENT SYSTEM
<a href="#">WO 2013084999 A1 20130613</a>	INST ENERGY APPLIC TECHNOLOGIES CO LTD	RAPID CHARGING POWER SUPPLY SYSTEM
<a href="#">WO 2013104910 A2 20130718</a>	CHINTALA SANDEEP KUMAR	BATTERY MANAGEMENT APPARATUS AND METHOD
<a href="#">WO 2013105477 A1 20130718</a>	SUMITOMO ELECTRIC INDUSTRIES	POWER RECEPTION CONNECTOR AND COMMUNICATION SYSTEM
<a href="#">WO 2013107968 A2 20130725</a>	PEUGEOT CITROEN AUTOMOBILES SA	SYSTEM FOR COMMUNICATING BY MEANS OF HIGH-FREQUENCY PLC CARRIER CURRENTS OVER A DRIVING LINE

<a href="#">WO 2013111410 A1 20130801</a>	TOYOTA JIDOSHOKKI KK	BATTERY CELL VOLTAGE EQUALISATION CIRCUIT
<a href="#">WO 2013115193 A1 20130808</a>	SHARP KK	ELECTRIC VEHICLE, ELECTRICAL CHARGER/DISCHARGER, ELECTRICAL CHARGING/DISCHARGING SYSTEM, CONTROL PROGRAM, AND RECORDING MEDIUM
<a href="#">WO 2013115244 A1 20130808</a>	NEC CORP	CHARGING-TIME-PREDICTING DEVICE, CHARGING-TIME-PREDICTING METHOD, AND PROGRAM
<a href="#">WO 2013090930 A1 20130620</a>	AEROVIRONMENT INC	ELECTRIC VEHICLE CHARGER DISPLAY SYSTEM FOR DISTANT AND LOCAL VIEWING
<a href="#">WO 2013100556 A1 20130704</a>	HYOSUNG CORP	ELECTRIC VEHICLE CHARGING DEVICE HAVING HIGH ENERGY EFFICIENCY
<a href="#">WO 2013114679 A1 20130808</a>	CHUO HATSUJO KK	CHARGING-CABLE STORAGE DEVICE
<a href="#">WO 2013115034 A1 20130808</a>	SANYO ELECTRIC CO	POWER SOURCE DEVICE FOR VEHICLE AND VEHICLE PROVIDED WITH SAID POWER SOURCE DEVICE
<a href="#">WO 2013094718 A1 20130627</a>	SUMITOMO ELECTRIC INDUSTRIES	FEEDING APPARATUS AND COMMUNICATION METHOD
<a href="#">WO 2013118445 A1 20130815</a>	DENSO CORP	BATTERY PACK
<a href="#">WO 2013123988 A2 20130829</a>	ERICSSON TELEFON AB L M; VOLVO CAR CORP	SYSTEM AND METHOD FOR CONSUMPTION METERING AND TRANSFER CONTROL
<a href="#">WO 2013131591 A2 20130912</a>	RWE AG	ELECTRONIC IDENTIFICATION PLATE FOR MEASURING DEVICES
<a href="#">WO 2013089516 A1 20130620</a>	VENS CO LTD	ELECTRIC VEHICLE AND METHOD FOR CONTROLLING SAME
<a href="#">WO 2013084754 A1 20130613</a>	TOYOTA JIDOSHOKKI KK	CONTACTLESS POWER TRANSMISSION DEVICE
<a href="#">WO 2013105476 A1 20130718</a>	SUMITOMO ELECTRIC INDUSTRIES	POWER RECEPTION CONNECTOR, CHARGING SYSTEM, AND COMMUNICATION SYSTEM
<a href="#">WO 2013111311 A1 20130801</a>	TOYOTA MOTOR CO LTD	ON-BOARD CHARGING AND COMMUNICATION DEVICE AND VEHICLE CHARGING AND COMMUNICATION SYSTEM
<a href="#">WO 2013115428 A1 20130808</a>	LS CABLE & SYSTEM	ELECTRIC VEHICLE CHARGING SYSTEM AND ELECTRIC VEHICLE CHARGING METHOD
<a href="#">WO 2013096061 A2 20130627</a>	SCHNEIDER ELECTRIC USA INC	DIRECT COMMUNICATIONS SYSTEM FOR CHARGING ELECTRIC VEHICLES
<a href="#">WO 2013113112 A1 20130808</a>	HYDRO QUEBEC	PROTECTED SYSTEM FOR CONTROLLING POWER TRANSACTIONS FOR AN ELECTRIC VEHICLE
<a href="#">WO 2013124012 A2 20130829</a>	SIEMENS AG	CHARGING DEVICE FOR AN ELECTRICALLY OPERATED VEHICLE
<a href="#">WO 2013088695 A2 20130620</a>	TOYOTA JIDOSHOKKI KK	BATTERY CELL VOLTAGE EQUALIZATION APPARATUS
<a href="#">WO 2013087670 A2 20130620</a>	VOLKSWAGEN AG	METHOD AND DEVICE FOR DISPLAYING INFORMATION ABOUT A VEHICLE ENERGY ACCUMULATOR
<a href="#">WO 2013125217 A1 20130829</a>	PANASONIC CORP	VEHICLE-MOUNTED APPARATUS, CHARGER/DISCHARGER, AND CHARGING/DISCHARGING SYSTEM
<a href="#">WO 2013104746 A2 20130718</a>	PHOENIX CONTACT GMBH & CO	CABLE CONNECTOR
<a href="#">WO 2013092064 A2 20130627</a>	BOSCH GMBH ROBERT	BATTERY SYSTEM AND METHOD
<a href="#">WO 2013118347 A1 20130815</a>	CHUO HATSUJO KK	APPARATUS FOR HOUSING CHARGING CABLE
<a href="#">WO 2013108340 A1 20130725</a>	YAZAKI CORP	ELECTRICAL CONNECTOR
<a href="#">WO 2013108338 A1 20130725</a>	YAZAKI CORP	ELECTRICAL CONNECTOR
<a href="#">WO 2013108318 A1 20130725</a>	PANASONIC CORP	UNAUTHORIZED CONNECTION DETECTION DEVICE, UNAUTHORIZED CONNECTION DETECTION SYSTEM AND METHOD FOR DETECTING UNAUTHORIZED CONNECTION
<a href="#">WO 2013118962 A1 20130815</a>	KOREA ADVANCED INST SCI & TECH	METHOD AND APPARATUS FOR DETERMINING OPTIMAL OPERATING INFORMATION USING OPTIMAL INFORMATION
<a href="#">WO 2013122052 A1 20130822</a>	TOYOTA JIDOSHOKKI KK	NON-CONTACT POWER TRANSMITTING APPARATUS
<a href="#">WO 2013104410 A1 20130718</a>	SIEMENS AG	METHOD FOR OPERATING A CHARGING DEVICE FOR CHARGING A TRACTION BATTERY
<a href="#">WO 2013107371 A1 20130725</a>	SHENZHEN BYD AUTO R & D COMPANY LTD	ELECTRIC VEHICLE RUNNING CONTROL SYSTEM
	BYD CO LTD	
<a href="#">WO 2013108341 A1 20130725</a>	YAZAKI CORP	ELECTRICAL CONNECTOR

<a href="#">WO 2013093287 A2 20130627</a>	VALEO SYS CONTROLE MOTEUR SAS	METHOD OF EXCHANGING ELECTRICAL ENERGY BETWEEN AN ELECTRICAL NETWORK CONVEYING A DC OR AC ELECTRICAL QUANTITY AND AN ELECTRICAL ENERGY STORAGE UNIT FOR HYBRID OR ELECTRIC VEHICLE
<a href="#">WO 2013108342 A1 20130725</a>	YAZAKI CORP	ELECTRICAL CONNECTOR
<a href="#">WO 2013112235 A2 20130801</a>	EATON CORP	ELECTRIC VEHICLE SUPPLY EQUIPMENT TESTING APPARATUS
<a href="#">WO 2013107567 A2 20130725</a>	BOSCH GMBH ROBERT; SAMSUNG SDI CO LTD	MOTOR VEHICLE, BATTERY, AND METHOD FOR CONTROLLING A BATTERY
<a href="#">WO 2013091793 A2 20130627</a>	AUDI NSU AUTO UNION AG	VEHICLE HAVING A BATTERY-POWERED DRIVE ASSEMBLY
<a href="#">WO 2013093963 A1 20130627</a>	MITSUBISHI ELECTRIC CORP	CHARGING APPARATUS
<a href="#">WO 2013118113 A2 20130815</a>	BETTER PLACE GMBH	METHOD AND SYSTEM FOR OPTIMIZATION OF DEPLOYMENT OF BATTERY SERVICE STATIONS FOR ELECTRIC VEHICLES
<a href="#">WO 2013133037 A1 20130912</a>	NISSAN MOTOR	CHARGE PORT CONTROL DEVICE FOR ELECTRIC VEHICLE
<a href="#">WO 2013121723 A2 20130822</a>	TOKAI RIKA CO LTD; TOYOTA MOTOR CO LTD	WIRELESS CHARGING DEVICE AND METHOD FOR CONTROLLING WIRELESS CHARGING
<a href="#">WO 2013138781 A1 20130919</a>	CHARGEPOINT INC	AN ELECTRIC VEHICLE CHARGING STATION DYNAMICALLY RESPONDING TO POWER LIMIT MESSAGES BASED ON A RECENT HISTORY OF POWER PROVIDED

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## CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2013104844 A1 20130718</a>	RENAULT SA	DEVICE FOR INSTALLING AND UNINSTALLING A VEHICLE BATTERY
<a href="#">WO 2013106368 A2 20130718</a>	JOHNSON CONTROLS TECHNOLOGY LLC	SYSTEMS AND METHODS FOR DE-ENERGIZING BATTERY PACKS
<a href="#">WO 2013127020 A1 20130906</a>	HUANG CHIH-SHU	BATTERY EXCHANGE STATION MANIPULATION SYSTEM AND DEVICE
<a href="#">WO 2013118732 A1 20130815</a>	FUJIMOTO HIROMICHI	ELECTRICITY STORAGE DEVICE REPLACING SYSTEM
<a href="#">WO 2013124078 A1 20130829</a>	BOSCH GMBH ROBERT	EXCHANGEABLE ENERGY STORAGE DEVICE
<a href="#">WO 2013136479 A1 20130919</a>	TOYOTA MOTOR CO LTD	EXTRACTION DEVICE

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