

### Noticias

El Gobierno ha aprobado el “Plan de Impulso a la Movilidad con Vehículos de Energías Alternativas” [MOVEA](#). Se unifica así en un único programa las ayudas estatales existentes hasta el momento a la adquisición de vehículos de energías alternativas, instrumentadas en los Programas MOVELE y PIMA Aire.

El mercado de vehículos eléctricos e híbridos prosiguió su crecimiento durante el 2014 cerrando el ejercicio con un aumento de las matriculaciones del 28,5% y el 54,5 %, respectivamente, según los [datos](#) aportados por la patronal del sector.

La ciudad de Madrid ha incorporado a su oferta de transporte un nuevo [servicio de “car-sharing” 100% eléctrico](#) ofrecido por la empresa Car2Go. Será una flota de 500 vehículos eléctricos Smart los que operarán con pequeños traslados dentro del casco urbano. El aparcamiento de estos vehículos estará exento de pago en las zonas de estacionamiento regulado.

El pasado 23 de noviembre de 2015, los Gobiernos de España, Portugal y Francia presentaron en la embajada francesa en España una [iniciativa conjunta en favor de la movilidad eléctrica](#) que firmaron la ministra de Agricultura, Alimentación y Medio Ambiente española, Isabel García

Tejerina, el secretario de Estado de Energía portugués, Artur Trindade, la Secretaria General de Industria y de la Pequeña y Mediana Empresa del Ministerio de Industria, Energía y Turismo español, Begoña Cristeto Blasco, y el embajador francés, Yves Saint-Geours. Esta iniciativa busca desarrollar infraestructuras de puntos de recarga para los vehículos eléctricos entre los tres países, así como soluciones de interoperabilidad entre los sistemas y servicios de recarga energética entre los usuarios.

La red de autobús urbana de Zaragoza incorporará durante varias semanas un [autobús 100% eléctrico](#) para ser probado dentro del servicio habitual. Se trata de un vehículo modelo Irizar i2e. El vehículo tiene una autonomía de entre 200 y 220 kilómetros, lo que supone entre 14 y 16 horas de trabajo, y se recarga en 5 horas al final de cada jornada. Se trata del primer autobús eléctrico urbano que respeta la norma de seguridad antivuelco R.66.

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

[BOLETINES OEPM](#)

NIPO: 073-15-016-6

## CONTENIDO:

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## Solicitudes de Patente Publicadas

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

### BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015145522</a>	TOSHIBA KK	ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE CELL, ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, NON-AQUEOUS ELECTROLYTE SECONDARY CELL, AND CELL PACK
<a href="#">WO 2015146024</a>	SANYO ELECTRIC CO	NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015147122</a>	HITACHI SHIPBUILDING ENG CO	ALL-SOLID-STATE SECONDARY BATTERY
<a href="#">WO 2015147209</a>	MITSUI MINING & SMELTING CO	METHOD FOR MANUFACTURING LITHIUM METAL COMPLEX OXIDE HAVING LAYERED CRYSTAL STRUCTURE
<a href="#">WO 2015147234</a>	TEIJIN LTD	FIBROUS CARBON-CONTAINING ELECTRODE MIXTURE LAYER FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES COMPRISING SAME, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015151376</a>	SONY CORP	SECONDARY BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRIC VEHICLE, ELECTRICITY-STORAGE APPARATUS, AND ELECTRICAL POWER SYSTEM
<a href="#">WO 2015152092</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	NEGATIVE-ELECTRODE MATERIAL FOR NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, NEGATIVE-ELECTRODE MIXTURE FOR NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, NEGATIVE ELECTRODE FOR NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, AND VEHICLE
<a href="#">WO 2015152094</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015152115</a>	NEC ENERGY DEVICES LTD	LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2015156167</a>	NISSAN MOTOR	FLAT SECONDARY BATTERY
<a href="#">WO 2015159426</a>	MITSUBISHI ELECTRIC CORP	CHARGING/DISCHARGING CONTROL SYSTEM, CONTROL APPARATUS, CHARGING/DISCHARGING CONTROL METHOD, AND PROGRAM
<a href="#">WO 2015146076</a>	SANYO ELECTRIC CO	NON-AQUEOUS ELECTROLYTIC SOLUTION SECONDARY BATTERY AND PRODUCTION METHOD THEREFOR
<a href="#">WO 2015146649</a>	SHOWA DENKO KK	SLURRY FOR POSITIVE ELECTRODE OF LITHIUM ION SECONDARY CELL, POSITIVE ELECTRODE OBTAINED USING SAID SLURRY, METHOD FOR MANUFACTURING SAID POSITIVE ELECTRODE, LITHIUM ION SECONDARY CELL FORMED USING SAID POSITIVE ELECTRODE, AND METHOD FOR MANUFACTURING SAID CELL
<a href="#">WO 2015147123</a>	MITSUBISHI CHEM CORP	COMPOSITE GRAPHITE PARTICLES FOR NONAQUEOUS SECONDARY BATTERY NEGATIVE ELECTRODES, ACTIVE MATERIAL FOR NONAQUEOUS SECONDARY BATTERY NEGATIVE ELECTRODES AND NONAQUEOUS SECONDARY BATTERY
<a href="#">WO 2015148601</a>	DOW GLOBAL TECHNOLOGIES LLC	LITHIUM BATTERY CATHODE MATERIALS THAT CONTAIN STABLE FREE RADICALS
<a href="#">WO 2015151606</a>	HITACHI METALS LTD	POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERIES, METHOD FOR PRODUCING SAME AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2015156446</a>	UNIV NAT CHONNAM IND FOUND	GRAPHENE-METAL NANOPARTICLE COMPOSITE, CARBON NANOFIBER COMPOSITE CONTAINING COMPOSITE, AND SECONDARY BATTERY CONTAINING CARBON NANOPARTICLE COMPOSITE

<a href="#">WO 2015159421</a>	MITSUBISHI ELECTRIC CORP	ENERGY MANAGEMENT CONTROLLER, ENERGY MANAGEMENT SYSTEM, CHARGE/DISCHARGE CONTROL METHOD AND PROGRAM
<a href="#">WO 2015145927</a>	SANYO ELECTRIC CO	BATTERY SYSTEM
<a href="#">WO 2015146997</a>	DAIKIN IND LTD	ELECTROLYTIC SOLUTION AND ELECTROCHEMICAL DEVICE
<a href="#">WO 2015152095</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015156261</a>	UNITIKA LTD	LAMINATED POROUS FILM AND PRODUCTION METHOD THEREFOR
<a href="#">WO 2015159433</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	RECTANGULAR SECONDARY BATTERY
<a href="#">WO 2015159717</a>	SUMITOMO ELECTRIC INDUSTRIES	ELECTRICAL INSULATION SHEET FOR RECTANGULAR BATTERY, RECTANGULAR BATTERY, AND PRODUCTION METHOD FOR RECTANGULAR BATTERY
<a href="#">WO 2015146648</a>	SHOWA DENKO KK	SLURRY FOR POSITIVE ELECTRODE OF LITHIUM-ION SECONDARY CELL, POSITIVE ELECTRODE OBTAINED USING SAID SLURRY, METHOD FOR MANUFACTURING SAID ELECTRODE, LITHIUM-ION SECONDARY CELL USING SAID POSITIVE ELECTRODE, AND METHOD FOR MANUFACTURING SAID CELL
<a href="#">WO 2015146864</a>	TOSOH CORP	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, AND METHOD FOR PRODUCING SAME
<a href="#">WO 2015146919</a>	SHIN KOBE ELECTRIC MACHINERY	LEAD STORAGE BATTERY
<a href="#">WO 2015147175</a>	SCHOOL CORP KANSAI UNIVERSITY	BINDER, ELECTRODE AND ELECTROCHEMICAL DEVICE
<a href="#">WO 2015147280</a>	FUJIFILM CORP	ALL-SOLID-STATE SECONDARY CELL, METHOD FOR MANUFACTURING ELECTRODE SHEET FOR CELL, AND METHOD FOR MANUFACTURING ALL-SOLID-STATE SECONDARY CELL
<a href="#">WO 2015147281</a>	FUJIFILM CORP	ALL-SOLID SECONDARY CELL, SOLID ELECTROLYTE COMPOSITION AND CELL ELECTRODE SHEET USED FOR ALL-SOLID SECONDARY CELL, AND METHOD FOR MANUFACTURING CELL ELECTRODE SHEET AND ALL-SOLID SECONDARY CELL
<a href="#">WO 2015151099</a>	TECHNION RES & DEV FOUNDATION	A METHOD FOR PASSIVE METAL ACTIVATION AND USES THEREOF
<a href="#">WO 2015152113</a>	NEC ENERGY DEVICES LTD	GRAPHITE-BASED NEGATIVE ELECTRODE ACTIVE MATERIAL, NEGATIVE ELECTRODE, AND LITHIUM ION SECONDARY BATTERY
<a href="#">WO 2015152215</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	METHOD FOR PRODUCING NEGATIVE ELECTRODE FOR ALL-SOLID BATTERY, AND NEGATIVE ELECTRODE FOR ALL-SOLID BATTERY
<a href="#">WO 2015153911</a>	TESLA MOTORS INC	FUNCTIONAL REDUNDANCY OF COMMUNICATIONS AND DATA TRANSMISSION IN ENERGY STORAGE SYSTEM
<a href="#">WO 2015159908</a>	SUMITOMO ELECTRIC INDUSTRIES	MOLTEN SALT BATTERY AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2015146900</a>	NEC CORP	NEGATIVE ELECTRODE CARBON MATERIAL, METHOD FOR PRODUCING NEGATIVE ELECTRODE CARBON MATERIAL, NEGATIVE ELECTRODE FOR LITHIUM SECONDARY CELL, AND LITHIUM SECONDARY CELL
<a href="#">WO 2015148450</a>	UNIV CORNELL	DENDRITE INHIBITING ELECTROLYTES FOR METAL-BASED BATTERIES
<a href="#">WO 2015149211</a>	SHOWA DENKO KK UNIV FUDAN	A POSITIVE ELECTRODE ACTIVE MATERIAL AND A LI SECONDARY BATTERY
<a href="#">WO 2015150111</a>	AVL LIST GMBH	METHOD FOR ARRANGING A BATTERY INSIDE A VEHICLE
<a href="#">WO 2015151704</a>	FDK CORP	NICKEL HYDROGEN SECONDARY BATTERY
<a href="#">WO 2015159331</a>	HITACHI LTD	SOLID-STATE BATTERY, ELECTRODE FOR SOLID-STATE BATTERY, AND PRODUCTION PROCESSES THEREFOR
<a href="#">WO 2015145884</a>	MITSUI MINING & SMELTING CO	HYDROGEN STORAGE ALLOY
<a href="#">WO 2015147000</a>	DAIKIN IND LTD	ELECTROLYTE AND ELECTROCHEMICAL DEVICE

<a href="#">WO 2015147279</a>	FUJIFILM CORP	ALL-SOLID SECONDARY CELL, SOLID ELECTROLYTE COMPOSITION AND CELL ELECTRODE SHEET USED FOR SAME, AND METHOD FOR MANUFACTURING CELL ELECTRODE SHEET AND ALL-SOLID SECONDARY CELL
<a href="#">WO 2015150901</a>	TOYOTA MOTOR CO LTD	NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015152093</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODES OF NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, NEGATIVE ELECTRODE FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERIES, NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND VEHICLE
<a href="#">WO 2015156188</a>	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	WIRING MODULE
<a href="#">WO 2015160115</a>	LG CHEMICAL LTD	BATTERY MODULE AND BATTERY PACK INCLUDING SAME
<a href="#">WO 2015145521</a>	TOSHIBA KK	NEGATIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE CELL, NEGATIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL, NON-AQUEOUS ELECTROLYTE SECONDARY CELL, AND CELL PACK
<a href="#">WO 2015146034</a>	GS YUASA INT LTD	POWER STORAGE SYSTEM, OPERATING STATE ESTIMATION METHOD, AND DEVICE FOR ESTIMATING OPERATING STATE OF POWER STORAGE ELEMENT
<a href="#">WO 2015149345</a>	BASF CORP BASF BATTERY MATERIALS SUZHOU CO LTD	LITHIUM-ION BATTERIES AND PREPARATION METHOD THEREOF
<a href="#">WO 2015152088</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	CARBONACEOUS MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY NEGATIVE ELECTRODE, NEGATIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, NON-AQUEOUS ELECTRODE SECONDARY BATTERY, AND VEHICLE
<a href="#">WO 2015152089</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	CARBONACEOUS MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY NEGATIVE ELECTRODE, NEGATIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND VEHICLE
<a href="#">WO 2015152091</a>	KUREHA CORP KUREHA BATTERY MATERIALS JAPAN CO LTD	CARBONACEOUS MATERIAL FOR NEGATIVE ELECTRODE OF NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, NEGATIVE ELECTRODE FOR NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY, AND VEHICLE
<a href="#">WO 2015155919</a>	PANASONIC IP MAN CO LTD	CELL BLOCK AND CELL MODULE
<a href="#">WO 2015159935</a>	SHOWA DENKO KK UMICORE NV	NEGATIVE ELECTRODE MATERIAL FOR LITHIUM-ION BATTERY, AND USE THEREFOR
<a href="#">WO 2015144074</a>	BYD CO LTD	LITHIUM ION BATTERY, SOLID ELECTROLYTE AND METHOD OF PREPARING THE SAME
<a href="#">WO 2015146685</a>	DAIKIN IND LTD	ELECTROLYTE SOLUTION, ELECTROCHEMICAL DEVICE, SECONDARY BATTERY AND MODULE
<a href="#">WO 2015151374</a>	SANYO ELECTRIC CO	POWER SUPPLY SYSTEM
<a href="#">WO 2015146562</a>	TOYOTA JIDOSHOKKI KK	ELECTRICITY-STORAGE DEVICE
<a href="#">WO 2015147005</a>	DAIKIN IND LTD	ELECTROLYTIC SOLUTION AND ELECTROCHEMICAL DEVICE
<a href="#">WO 2015163398</a>	MITSUI MINING & SMELTING CO	NEGATIVE ELECTRODE ACTIVE SUBSTANCE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERIES
<a href="#">WO 2015147003</a>	DAIKIN IND LTD	ELECTROLYTE SOLUTION, ELECTROCHEMICAL DEVICE, LITHIUM ION SECONDARY BATTERY AND MODULE
<a href="#">WO 2015157106</a>	ILLINOIS TOOL WORKS	HEATER FOR ELECTRIC VEHICLE BATTERIES
<a href="#">WO 2015162938</a>	SANYO ELECTRIC CO	ASSEMBLED BATTERY AND VEHICLE PROVIDED WITH SAME
<a href="#">WO 2015163230</a>	TOYOTA JIDOSHOKKI KK	POWER STORAGE DEVICE
<a href="#">WO 2015165333</a>	DAI ALEX	MULTIFUNCTIONAL VOLTAGE MEASUREMENT DEVICE OF

		EMERGENCY BATTERY
<a href="#">WO 2015146387</a>	HONDA MOTOR CO LTD	ELECTRICALLY DRIVEN VEHICLE
<a href="#">WO 2015159956</a>	OHISHI MITSUE OHISHI YASUTOSHI	ENGINE JETTING OUT COMBUSTION GAS AS DRIVING FORCE
<a href="#">WO 2015162698</a>	ELIY POWER CO LTD NAGANO AUTOMATION CO LTD	SECONDARY-BATTERY PRODUCTION METHOD AND PRODUCTION DEVICE
<a href="#">WO 2015162841</a>	PANASONIC IP MAN CO LTD	BATTERY BLOCK
<a href="#">WO 2015151440</a>	SUMITOMO SEIKA CHEMICALS NAT INST OF ADVANCED IND SCIEN	BINDER FOR ELECTRIC DOUBLE-LAYER CAPACITOR ELECTRODE, ELECTRIC DOUBLE-LAYER CAPACITOR ELECTRODE COMPRISING SAME BINDER, ELECTRIC DOUBLE-LAYER CAPACITOR USING SAME ELECTRODE, AND ELECTRIC APPARATUS
<a href="#">WO 2015163698</a>	SK BATTERY SYSTEMS CO LTD	BATTERY CELL ASSEMBLY FOR SECONDARY BATTERY, AND SECONDARY BATTERY COMPRISING SAME
<a href="#">WO 2015156276</a>	SUMITOMO ELECTRIC INDUSTRIES	ELECTRICAL ACCUMULATOR DEVICE
<a href="#">WO 2015162885</a>	GS YUASA INT LTD	NONAQUEOUS ELECTROLYTE SECONDARY CELL
<a href="#">WO 2015162919</a>	TOPPAN PRINTING CO LTD	ELECTRODE FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
<a href="#">WO 2015147007</a>	DAIKIN IND LTD	ELECTROLYTE AND ELECTROCHEMICAL DEVICE
<a href="#">WO 2015145496</a>	SANYO ELECTRIC CO	CURRENT DETECTION APPARATUS AND POWER SUPPLY SYSTEM
<a href="#">WO 2015147566</a>	LG INNOTEK CO LTD	WIRELESS POWER TRANSMISSION SYSTEM HAVING WIRELESS POWER TRANSMISSION DEVICE
<a href="#">WO 2015163113</a>	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	WIRING MODULE
<a href="#">WO 2015166622</a>	SONY CORP	BATTERY, NEGATIVE ELECTRODE, BATTERY PACK, ELECTRONIC DEVICE, ELECTRIC VEHICLE, ELECTRICITY STORAGE DEVICE AND ELECTRIC POWER SYSTEM
<a href="#">WO 2015166839</a>	KURARAY CHEMICAL KK	POROUS CARBON MATERIAL FOR ELECTRODE OF ENERGY STORAGE DEVICE AND METHOD FOR MANUFACTURING SAID MATERIAL
<a href="#">WO 2015167046</a>	LG CHEMICAL LTD	CIRCUIT BOARD FOR SECONDARY BATTERY AND BATTERY PACK COMPRISING SAME
<a href="#">WO 2015165407</a>	BYD CO LTD	POWER BATTERY DEVICE
<a href="#">WO 2015166777</a>	ZEON CORP	PRODUCTION METHOD FOR COMPLEX PARTICLES FOR USE IN ELECTRODE OF ELECTROCHEMICAL ELEMENT

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## SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015156648</a>	ITM SEMICONDUCTOR CO LTD	ACTIVE CELL BALANCING CIRCUIT USING CELL VOLTAGE MEASUREMENT CIRCUIT OF CAPACITOR CHARGING METHOD
<a href="#">WO 2015161712</a>	BYD CO LTD	ELECTRIC VEHICLE AND CAPACITOR THEREOF

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## SISTEMAS DE RECUPERACIÓN DE ENERGÍA; FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015146384</a>	JATCO LTD	FLYWHEEL REGENERATION SYSTEM
<a href="#">WO 2015146385</a>	JATCO LTD	FLYWHEEL REGENERATION SYSTEM
<a href="#">WO 2015143623</a>	SOUTH UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA	FLYWHEEL ENERGY STORAGE DEVICE, WIND POWER GENERATION SYSTEM AND VEHICLE ENERGY FEEDBACK BRAKE SYSTEM
<a href="#">WO 2015151565</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	OPERATION CONTROL SYSTEM FOR VEHICLE, VEHICLE, AND PROGRAM
<a href="#">WO 2015152377</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	VEHICLE CONTROL DEVICE AND VEHICLE CONTROL METHOD
<a href="#">WO 2015146597</a>	TOYOTA MOTOR CO LTD	ELECTRICAL SOURCE CONTROL APPARATUS

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## MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015151615</a>	HONDA MOTOR CO LTD	STATOR FOR ROTARY ELECTRIC MACHINE
<a href="#">WO 2015156351</a>	SUZUKI MOTOR CORP	DRIVE CONTROL DEVICE
<a href="#">WO 2015151931</a>	HONDA MOTOR CO LTD	STATOR OF ROTATING ELECTRIC MACHINE AND METHOD FOR MANUFACTURING SAID STATOR
<a href="#">WO 2015146773</a>	ISUZU MOTORS LTD	HYBRID VEHICLE, AND CONTROL METHOD THEREFOR
<a href="#">WO 2015147053</a>	HITACHI METALS LTD	METHOD FOR MANUFACTURING R-T-B SERIES SINTERED MAGNET
<a href="#">WO 2015146772</a>	ISUZU MOTORS LTD	HYBRID VEHICLE, AND CONTROL METHOD THEREFOR
<a href="#">WO 2015152126</a>	AISIN AW CO TOYOTA MOTOR CO LTD	VEHICULAR DRIVING APPARATUS
<a href="#">WO 2015163397</a>	HITACHI METALS LTD	METHOD FOR PRODUCING R-T-B SINTERED MAGNET
<a href="#">WO 2015151200</a>	HONDA MOTOR CO LTD	STATOR FOR ROTARY ELECTRIC MACHINE
<a href="#">WO 2015148258</a>	PRIPPEL TECHNOLOGIES INC	INDUCTION MOTOR WITH TRANSVERSE LIQUID COOLED ROTOR AND STATOR
<a href="#">WO 2015162834</a>	PANASONIC IP MAN CO LTD	VEHICLE DRIVE DEVICE
<a href="#">WO 2015159876</a>	SUZUKI MOTOR CORP	CONTROL DEVICE FOR VEHICLES
<a href="#">WO 2015146210</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	PERMANENT MAGNET ROTATING ELECTRIC MACHINE AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2015154152</a>	HIDROSYST LTD	ELECTRIC GENERATOR
<a href="#">WO 2015146771</a>	ISUZU MOTORS LTD	HYBRID VEHICLE, AND HYBRID-VEHICLE CONTROL METHOD
<a href="#">WO 2015163459</a>	AISIN AW CO	VEHICLE DRIVING APPARATUS
<a href="#">WO 2015162586</a>	BRUSA ELEKTRONIK AG	COMPRESSED STRAND, USE THEREOF AND METHOD FOR PRODUCING A STATOR FOR AN ELECTRIC MACHINE
<a href="#">WO 2015166258</a>	CUMMINS GENERATOR TECHNOLOGIES	VEHICLE WITH A START-STOP SYSTEM WHEREIN THE STARTER-GENERATOR IS DIRECTLY COUPLED TO THE INTERNAL COMBUSTION ENGINE
<a href="#">WO 2015165012</a>	FOSTER ASSETS CORP	BRUSHLESS MOTOR AND SYSTEM THEREOF

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## CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015151399</a>	PANASONIC IP MAN CO LTD	VOLTAGE CONTROL APPARATUS AND VOLTAGE CONTROL METHOD
<a href="#">WO 2015156240</a>	DENSO CORP	POWER SUPPLY DEVICE
<a href="#">WO 2015146130</a>	DENSO CORP	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME
<a href="#">WO 2015146131</a>	DENSO CORP	SEMICONDUCTOR DEVICE MANUFACTURING METHOD
<a href="#">WO 2015151811</a>	AISIN AW CO	INVERTER CONTROL DEVICE
<a href="#">WO 2015152002</a>	AISIN AW CO	INVERTER CONTROL DEVICE
<a href="#">WO 2015159621</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	POWER CONVERSION DEVICE
<a href="#">WO 2015156357</a>	HITACHI CONSTRUCTION MACHINERY	HYBRID WORK MACHINE
<a href="#">WO 2015163143</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	CONVERTER AND POWER CONVERSION DEVICE
<a href="#">WO 2015145232</a>	TOYOTA MOTOR CO LTD	DC/DC CONVERTER AND ELECTRICAL STORAGE SYSTEM
<a href="#">WO 2015145882</a>	HITACHI LTD	POWER CONVERSION DEVICE AND MACHINE EQUIPPED WITH POWER CONVERSION DEVICE

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## RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015145473</a>	SEQUOIA AUTOMATION S R L	ENERGY CHARGING SYSTEM RELATED TO THE STOP OF AN ELECTRIC VEHICLE
<a href="#">WO 2015151467</a>	TOYOTA MOTOR CO LTD	POWER RECEPTION DEVICE AND VEHICLE INCLUDING THE SAME
<a href="#">WO 2015152405</a>	TOSHIBA KK	POWER SUPPLY SYSTEM AND VEHICLE
<a href="#">WO 2015155582</a>	TOYOTA MOTOR CO LTD	VEHICLE ON WHICH TRAVELING MOTOR IS MOUNTED
<a href="#">WO 2015143891</a>	STATE GRID CORP CHINA CHINA ELECTRIC POWER RES INST STATE GRID LIAONING ELECTRIC POWER SUPPLY CO LTD	VIRTUAL SYNCHRONIZATION MOTOR CONTROL METHOD FOR ENERGY STORAGE AND CHARGING AND DISCHARGING OF ELECTRIC VEHICLE
<a href="#">WO 2015160937</a>	HOVNANIAN SHANT	MOBILE SYSTEM FOR GENERATION, STORAGE, AND PROVISION OF ELECTRICAL POWER
<a href="#">WO 2015146388</a>	HONDA MOTOR CO LTD	EXTERNAL POWER SUPPLY APPARATUS AND VEHICLE POWER SUPPLY METHOD
<a href="#">WO 2015156360</a>	HITACHI AUTOMOTIVE SYSTEMS LTD	BATTERY MONITORING DEVICE
<a href="#">WO 2015160451</a>	QUALCOMM INC	DEVICES, SYSTEMS, AND METHOD FOR POWER CONTROL OF DYNAMIC ELECTRIC VEHICLE CHARGING SYSTEMS
<a href="#">WO 2015160510</a>	QUALCOMM INC	INDUCTIVE POWER SUPPLY FOR VEHICLES COMPRISING A PLURALITY OF CHARGING COILS WHICH CAN BE OPERATED IN DIFFERENT SEQUENCES
<a href="#">WO 2015161862</a>	NEC EUROPE LTD	A METHOD FOR LOAD BALANCING OF MULTIPLE CHARGING STATIONS FOR MOBILE LOADS WITHIN A CHARGING STATIONS NETWORK AND A CHARGING STATIONS NETWORK
<a href="#">WO 2015162526</a>	TOYOTA MOTOR CO LTD	CHARGING APPARATUS FOR VEHICLE
<a href="#">WO 2015150894</a>	TOYOTA MOTOR CO LTD	VEHICLE
<a href="#">WO 2015159466</a>	TOYOTA MOTOR CO LTD	VEHICLE AND CONTACTLESS POWER TRANSFER SYSTEM
<a href="#">WO 2015159684</a>	AUTONETWORKS TECHNOLOGIES LTD SUMITOMO WIRING SYSTEMS SUMITOMO ELECTRIC INDUSTRIES	COMMUNICATION APPARATUS
<a href="#">WO 2015166654</a>	PANASONIC IP MAN CO LTD	SEMICONDUCTOR DEVICE AND SEMICONDUCTOR MODULE
<a href="#">WO 2015146392</a>	HONDA MOTOR CO LTD	ELECTRIC VEHICLE AND VEHICLE POWER FEEDING METHOD
<a href="#">WO 2015160513</a>	QUALCOMM INC	INDUCTIVE POWER SUPPLY FOR VEHICLES COMPRISING A PLURALITY OF CHARGING COILS HAVING A SHORTER PITCH THAN THE PICK-UP COILS
<a href="#">WO 2015162471</a>	TOYOTA MOTOR CO LTD	VEHICLE AND CONTROL METHOD FOR VEHICLE

[...volver a CONTENIDO](#)

## CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2015158934</a>	BENGOA SAEZ DE CORTAZAR DOMINGO	STORAGE AND INTRODUCTION SYSTEM OF ELECTRIC VEHICLE BATTERIES
<a href="#">WO 2015149286</a>	SHENZHEN ZHILUN DRIVING TECHNOLOGY FOR ELECTRIC VEHICLE CO LTD	VEHICLE BATTERY CLAMPING DEVICE

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Los ITPs\*\* de la OEPM nos proporcionan información imprescindible para decidir la priorización óptima de proyectos de I+D en los que invertir.



**LANZAMIENTO**



Los ITPs\*\* de la OEPM nos han ahorrado horas de revisión bibliográfica para definir el punto de partida de nuestros proyectos de I+D.



**EJECUCIÓN**



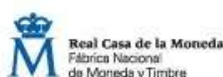
Los ITPs\*\* de la OEPM detectaron solicitudes de patente relevantes cuando estábamos a mitad del proyecto y gracias a ello pudimos reconducir nuestra investigación.



**CONCLUSIÓN**



Gracias a los ITPs\*\* de la OEPM hemos podido decidir la mejor forma de protección de nuestros resultados de I+D y redactar adecuadamente nuestras solicitudes de patente.



\* La OEPM cuenta con más de 150 examinadores de patentes especializados en los diversos sectores tecnológicos y en la búsqueda de información científico-técnica.

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