



Boletín VT

COCHE ELÉCTRICO

1^{er} trimestre 2025

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Vigilancia Tecnológica

Noticias

Movilidad sostenible: ¿qué es el Plan MOVES III? El Programa MOVES III es un plan de fomento de la movilidad sostenible que ofrece ayudas para la compra de vehículos eléctricos y la creación de puntos de recarga. Tras la última prórroga aprobada por el Gobierno, su vigencia se extiende del 1 de enero al 31 de diciembre de 2025.

mantener el apoyo a la compra de vehículos eléctricos y la infraestructura de recarga, así como el restablecimiento de la deducción del 15% en el IRPF. De igual modo, el Real Decreto-ley prevé la posibilidad de que las comunidades autónomas incorporen nuevas simplificaciones administrativas en la tramitación.

EL MITECO prorroga el MOVES III hasta fin de año con carácter retroactivo desde el 1 de enero e incorpora 400 millones al programa

El Consejo de Ministros, a petición del Ministerio para la Transición Ecológica y el Reto Demográfico (MITECO) ha aprobado prorrogar el Programa de incentivos ligados a la movilidad eléctrica (MOVES III), hasta el próximo 31 de diciembre, con carácter retroactivo desde el pasado 1 de enero. La medida se incluye en un Real Decreto-ley que prevé una dotación económica de 400 millones de euros para

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CONTENIDO:

- **TECNOLOGÍAS VEHICULARES**
 - [Baterías](#)
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 - [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
WO2025061395A1	TI AUTOMOTIVE FULDABRUECK GMBH [DE]	Use of a cooling pipe for electrically powered vehicles
WO2025063528A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and device including same
WO2025060008A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electric device
WO2025063416A1	SAMSUNG SDI CO LTD [KR]	Argyrodite-type sulfide-based solid electrolyte, solid electrolyte membrane, and all-solid-state rechargeable batteries
WO2025063668A1	LG ENERGY SOLUTION LTD [KR]	Battery module
WO2025062254A1	SEMICONDUCTOR ENERGY LAB [JP]	Secondary battery
WO2025060007A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Buffer member, battery cell, battery, and electrical apparatus
WO2025062919A1	KUBOTA KK [JP]	Housing for battery pack and battery pack
WO2025060010A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery and electrical apparatus
WO2025063155A1	AUTONETWORKS TECHNOLOGIES LTD [JP]	Pair of circuit units
WO2025063499A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and vehicle including same
WO2025063501A1	LG ENERGY SOLUTION LTD [KR]	Battery module and vehicle including same
WO2025063610A1	POSCO FUTURE M CO LTD [KR]	Cathode active material for lithium secondary battery and lithium secondary battery comprising same
WO2025062886A1	MURATA MANUFACTURING CO [JP]	Secondary battery
WO2025063350A1	JEIO TECH CO LTD [KR]	Secondary battery test chamber capable of actively handling fire while having uniform temperature distribution
WO2025063503A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025063604A1	POSCO SILICON SOLUTION CO LTD [KR]	Negative electrode material for secondary battery
WO2025063779A1	SBTL ADVANCED MAT CO LTD [KR]	Secondary battery composite sheet for thermal runaway prevention, formed by combining silica aerogel and pouch film
WO2025063796A1	SK ON CO LTD [KR]	Battery cell and battery device including same
WO2025063431A1	SAMSUNG SDI CO LTD [KR]	Negative electrode active material and rechargeable lithium battery including same
WO2025063706A1	LG ENERGY SOLUTION LTD [KR]	Composition for forming gel polymer electrolyte, gel polymer electrolyte, and lithium secondary battery comprising gel polymer electrolyte
WO2025063110A1	GS YUASA INT LTD [JP]	Power storage element and method for producing power storage element
WO2025065005A1	ALLIANCE SUSTAINABLE ENERGY [US]	Radio frequency plasma for cathode material synthesis and recycle
WO2025054701A1	9351 0618 QUEBEC INC [CA]	Battery module with thermal management system
WO2025058766A1	ENERGY EXPLORATION TECH INC [US]	Non-flammable electrolytes and batteries comprising the same
WO2025057930A1	NUVOTON TECHNOLOGY CORP JAPAN [JP]	Battery monitoring device and battery monitoring method
WO2025056951A1	VIDYASIRIMEDHI INSTITUTE OF SCIENCE AND TECH [TH]	Electrolyte for a lithium battery and lithium battery comprising the same

WO2025054792A1	LANJUN NEW ENERGY TECH CO LTD [CN]	Battery cell, battery, and electric device
WO2025058428A1	LG ENERGY SOLUTION LTD [KR]	Battery system and control method using same
WO2025058009A1	KRI INC [JP]	Battery capacity estimation device and battery capacity estimation program
WO2025057685A1	DENSO CORP [JP]	Battery state detection device and program
WO2025054970A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electrical device
WO2025054976A1	XIAMEN AMPACK TECH LIMITED [CN]	Battery module and manufacturing method therefor, battery pack, and electrical device
WO2025058235A1	SK ON CO LTD [KR]	Positive active material for rechargeable lithium battery, and rechargeable lithium battery comprising same
WO2025058464A1	AMOGREENTECH CO LTD [KR]	Pad for delaying thermal runaway of battery and preventing flames, and battery pack having same
WO2025059075A1	ADDEN ENERGY INC [US]	System for applying isostatic pressure on electrochemical cells
WO2025059460A1	CUBERG INC [US]	Negative electrodes with lithium metal layers and durable polymer base layers
WO2025057710A1	CANON KK [JP]	Solid electrolyte base material, solid electrolyte, secondary battery, and method for manufacturing solid electrolyte base material
WO2025057904A1	GS YUASA INT LTD [JP]	Non-aqueous electrolyte power storage element
WO2025058407A1	CHUNBO CO LTD [KR]	Lithium bis(fluorosulfonyl)imide containing reduced sulfamide
WO2025057161A1	UNIV RAMOT [IL]	Graphene-silicon composite electrodes and a method of preparing same
WO2025057564A1	GS YUASA INT LTD [JP]	Power storage element and power storage device
WO2025059670A1	OHIO STATE INNOVATION FOUNDATION [US]	Pre-lithiated oxide anodes and methods of making and use thereof
WO2025056345A1	HUNTSMAN INT LLC [US]	Polyurethane-based elastomer foam suitable for battery potting
WO2025054677A1	LAKHEY HOLDINGS PTY LTD [AU]	A method for regeneration of a cathode active material
WO2025060403A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electrical apparatus
WO2025056687A1	NORTHVOLT AB [SE]	Composite cathode and methods for forming the same
WO2025055333A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electric device
WO2025052323A1	A RAYMOND ET CIE [FR]	Battery lid fastener
WO2025052322A1	A RAYMOND ET CIE [FR]	Battery lid fastener, battery back and method of securing a lid to a battery pack
WO2025053445A1	LG ENERGY SOLUTION LTD [KR]	Battery diagnosis apparatus, battery pack, electric vehicle and battery diagnosis method
WO2025054402A1	ALLIANCE SUSTAINABLE ENERGY [US]	Battery abuse system that facilitates in-situ x-ray imaging and multi-modal measurements and methods thereof
WO2025052633A1	HONDA MOTOR CO LTD [JP]	Charging information management device
WO2025050430A1	CHONGQING TALENT NEW ENERGY CO LTD [CN]	Battery module, module comprising annular battery, and electric device
WO2025053425A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same and vehicle including same
WO2025053240A1	NUVOTON TECHNOLOGY CORP JAPAN [JP]	Battery monitoring device and battery monitoring method
WO2025053665A1	LG ENERGY SOLUTION LTD [KR]	Battery pack comprising battery assembly, and electric vehicle comprising battery pack
WO2025052288A1	FPT IND SPA [IT]	Improved cover for a vehicular battery
WO2025053453A1	SK ON CO LTD [KR]	Device and method for inspecting battery cell
WO2025052289A1	FPT IND SPA [IT]	Improved safety ventilation system for vehicular battery
WO2025053500A1	LG ENERGY SOLUTION LTD [KR]	Battery module having heating function
WO2025053662A1	LG ENERGY SOLUTION LTD [KR]	Lithium secondary battery
WO2025053621A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode and lithium secondary battery
WO2025053408A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025052837A1	DENSO CORP [JP]	Battery unit
WO2025053390A1	SK ON CO LTD [KR]	Battery assembly

WO2025053415A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and ess comprising battery pack
WO2025053533A1	LG ENERGY SOLUTION LTD [KR]	Secondary battery, manufacturing method thereof, and battery pack
WO2025053667A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode and lithium ion secondary battery comprising negative electrode
WO2025053607A1	LG ENERGY SOLUTION LTD [KR]	Battery cell assembly and battery pack comprising same
WO2025052784A1	IBIDEN CO LTD [JP]	Heat transfer suppression sheet, heat transfer suppression member, and battery pack
WO2025053404A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and ess comprising same
WO2025053668A1	LG ENERGY SOLUTION LTD [KR]	Anode and lithium ion secondary battery comprising anode
WO2025053157A1	GS YUASA INT LTD [JP]	Liquid lead storage battery
WO2025053586A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material and lithium secondary battery comprising same
WO2025053476A1	LG ENERGY SOLUTION LTD [KR]	Electrolyte additive, electrolyte comprising same for lithium secondary battery, and lithium secondary battery
WO2025053625A1	LG ENERGY SOLUTION LTD [KR]	Anode slurry preparation method and apparatus, anode slurry, anode and lithium secondary battery
WO2025053521A1	HONGIK UNIV INDUSTRY ACADEMIA COOPERATION FOUNDATION [KR]	System for detecting thermal runaway of battery
WO2025052808A1	BRIDGESTONE CORP [JP]	Battery life prediction device and battery life prediction method
WO2025053623A1	LG ENERGY SOLUTION LTD [KR]	Anode composition, anode for lithium secondary battery, comprising same, lithium secondary battery, and method for preparing anode composition
WO2025053684A1	LG ENERGY SOLUTION LTD [KR]	Electrode assembly and cylindrical lithium secondary battery comprising same
WO2025053663A1	LG ENERGY SOLUTION LTD [KR]	Battery assembly and battery pack comprising same
WO2025053520A1	LG ENERGY SOLUTION LTD [KR]	Lithium secondary battery
WO2025053152A1	GS YUASA INT LTD [JP]	Liquid lead storage battery
WO2025053624A1	LG ENERGY SOLUTION LTD [KR]	Battery unit
WO2025053154A1	GS YUASA INT LTD [JP]	Liquid lead storage battery
WO2025053499A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material and method for preparing same
WO2025053559A1	LG ENERGY SOLUTION LTD [KR]	Method for manufacturing surface-modified electrode active material and electrode and lithium secondary battery manufactured thereby
WO2025053525A1	LG ENERGY SOLUTION LTD [KR]	Conveying device
WO2025053548A1	LG ENERGY SOLUTION LTD [KR]	Cathode material, secondary battery comprising same, and method for measuring particle strength of cathode material
WO2025051857A1	BROSE FAHRZEUGTEILE SE & CO KG WUERZBURG [DE]	Electrically driven motor vehicle and method for operating same
WO2025053143A1	TOYOTA JIDOSHOKKI KK [JP]	Power storage module
WO2025053444A1	LG ENERGY SOLUTION LTD [KR]	Unit cell stacking apparatus and unit cell stacking method
WO2025053622A1	LG ENERGY SOLUTION LTD [KR]	Lithium secondary battery, battery module, and battery pack
WO2025053433A1	LG ENERGY SOLUTION LTD [KR]	Battery diagnosis apparatus, battery pack, electric vehicle and battery diagnosis method
WO2025053570A1	LG ENERGY SOLUTION LTD [KR]	Method for manufacturing positive electrode, positive electrode, and lithium secondary battery comprising same
WO2025053466A1	LG ENERGY SOLUTION LTD [KR]	Tape forming jig, jelly roll taping apparatus including same, and jelly roll taping method
WO2025050875A1	NIO TECHNOLOGY ANHUI CO LTD [CN]	Sampling device, battery management system and battery pack
WO2025053563A1	LG ENERGY SOLUTION LTD [KR]	Battery management device and battery management method
WO2025050616A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Control apparatus and electric device

WO2025050618A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Control apparatus and electrical device
WO2025050637A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Film wrapping device
WO2025049473A1	EDISON TECH INC [US]	Extreme fast-charging systems and associated methods
WO2025045454A1	TRUMPF LASER UND SYSTEMTECHNIK SE [DE]	Laser-assisted stripping of battery packs
WO2025048103A1	SAMSUNG SDI CO LTD [KR]	Solid electrolyte membrane, preparation method thereof, and all-solid rechargeable batteries
WO2025046597A1	TVS MOTOR CO LTD [IN]	A fire-resistant battery pack and a method for manufacturing thereof
WO2025047791A1	PANASONIC IP MAN CO LTD [JP]	Electrode current collector for secondary batteries, and secondary battery
WO2025047977A1	MITSUBISHI CHEM CORP [JP]	Battery pack, use of adhesive sheet, and recycling method
WO2025047974A1	MITSUBISHI CHEM CORP [JP]	Battery pack and use of adhesive sheet
WO2025045924A1	MUHR & BENDER KG [DE]	Heat exchanger
WO2025044983A1	EVE ENERGY CO LTD [CN]	Circuit, battery management system, and electric vehicle
WO2025048465A1	LG ENERGY SOLUTION LTD [KR]	Apparatus and method for estimating soh
WO2025045158A1	SVOLT ENERGY TECH CO LTD [CN]	Battery pack
WO2025048406A1	LG ENERGY SOLUTION LTD [KR]	Secondary battery electrolyte additive, lithium secondary battery non-aqueous electrolyte comprising same, and lithium secondary battery
WO2025047302A1	MURATA MANUFACTURING CO [JP]	Trimagnesium disulfide-containing compound and secondary battery
WO2025047688A1	PANASONIC IP MAN CO LTD [JP]	Lithium secondary battery
WO2025047687A1	PANASONIC IP MAN CO LTD [JP]	Lithium secondary battery
WO2025043526A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Case, battery, electric device, and method for assembling case
WO2025048332A1	LG ENERGY SOLUTION LTD [KR]	Electrolyte additive, electrolyte comprising same for lithium secondary battery, and lithium secondary battery
WO2025048331A1	LG ENERGY SOLUTION LTD [KR]	Electrolyte additive, lithium secondary battery electrolyte comprising same, and lithium secondary battery
WO2025048561A1	LG ENERGY SOLUTION LTD [KR]	Battery pack comprising flange, partition, and heatsink fin
WO2025048348A1	POSCO FUTURE M CO LTD [KR]	Cathode active material for lithium secondary battery, method for manufacturing same and lithium secondary battery comprising same
WO2025048560A1	LG ENERGY SOLUTION LTD [KR]	Cathode and lithium secondary battery comprising same
WO2025048405A1	LG CHEMICAL LTD [KR]	Cathode active material, method for manufacturing same, and cathode and lithium secondary battery comprising same
WO2025047908A1	PANASONIC IP MAN CO LTD [JP]	Lithium secondary battery
WO2025043415A1	XIAMEN AMPACK TECH LIMITED [CN]	Battery module, battery pack, and electric device
WO2025049747A1	YAZAKI CORP [JP]	Lithium-ion battery having binder-free anode
WO2025048298A1	DAEJOO ELECTRONIC MAT CO LTD [KR]	Preparation method for solid electrolyte, solid electrolyte prepared thereby, and all-solid-state battery comprising same
WO2025043299A1	JANUS ELECTRIC PTY LTD [AU]	Vehicle battery system
WO2025046596A1	TVS MOTOR CO LTD [IN]	A thermal management system for an energy storage unit and a method thereof
WO2025049863A1	EAGLEPICHER TECHNOLOGIES LLC [US]	System for reducing battery cell failure propagation risk of a rechargeable battery
WO2025047224A1	PANASONIC IP MAN CO LTD [JP]	Charging plan creation system, charging plan creation method, and charging plan creation program
WO2025047564A1	mitsui chemicals inc [JP]	Laminate, housing for accommodating battery, battery pack, and movable body
WO2025043379A1	NINGDE AMPEREX TECHNOLOGY LTD [CN]	Secondary battery and electronic apparatus
WO2025047308A1	DENSO CORP [JP]	Impedance measurement device
WO2025049251A2	PURE LITHIUM CORP [US]	Lithium metal battery

WO2025048536A1	AMOGREENTECH CO LTD [KR]	Method for manufacturing si-based alloy for negative electrode active material of secondary battery and si-based alloy for negative electrode active material of secondary battery manufactured thereby
WO2025047414A1	TOYOTA JIDOSHOKKI KK [JP]	Power storage module
WO2025048516A1	LG ENERGY SOLUTION LTD [KR]	Composition for coating negative electrode active material, negative electrode active material, negative electrode composition, negative electrode, and lithium secondary battery comprising same
WO2025047354A1	PANASONIC IP MAN CO LTD [JP]	Non-aqueous electrolyte secondary battery
WO2025046418A1	SEMICONDUCTOR ENERGY LAB [JP]	Control system
WO2025047520A1	GS YUASA INT LTD [JP]	Power storage element
WO2025048452A1	LG ENERGY SOLUTION LTD [KR]	Apparatus and method for estimating soh
WO2025048474A1	LG ENERGY SOLUTION LTD [KR]	Pack case
WO2025049785A1	CUBERG INC [US]	Negative electrodes comprising polymer base layers for lithium-metal and lithium-ion electrochemical cells
WO2025048226A1	LIBEST INC [KR]	Composition for non-aqueous electrolyte, and electrochemical cell comprising composition
WO2025048371A1	LG ENERGY SOLUTION LTD [KR]	Method for recovering lithium
WO2025049276A1	NANOTECH ENERGY INC [US]	Methods and systems for processing and recycling of carbonaceous materials
WO2025048254A1	LG ENERGY SOLUTION LTD [KR]	Battery pack having ignition delay structure
WO2025048438A1	LG ENERGY SOLUTION LTD [KR]	Resistance measurement method of anode of secondary battery, and secondary battery capable of measuring resistance of anode
WO2025048069A1	BREAK THE RULES CO LTD [KR]	Mobile waste battery diagnosis system
WO2025048593A2	SAMSUNG SDI CO LTD [KR]	Elastic sheet for all-solid-state secondary battery, and all-solid-state secondary battery
WO2025045646A1	HENKEL AG & CO KGAA [DE]	Curable and debondable two-part (2k) thermally conductive adhesive composition
WO2025045895A1	NORTHVOLT REVOLT AB [SE]	Processes and systems for discharge
WO2025044207A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Electric vehicle and thermal management system thereof
WO2025041029A1	H55 SA [CH]	A battery module
WO2025042187A1	LG ENERGY SOLUTION LTD [KR]	Apparatus and method for managing battery
WO2025041952A1	SAMSUNG SDI CO LTD [KR]	Elastic sheet for all solid-state battery and all solid-state battery including same
WO2025042103A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and vehicle including same
WO2025043089A1	UNIV PITTSBURGH COMMONWEALTH SYS HIGHER EDUCATION [US]	Dendrite-free anodes and current collectors for lithium metal batteries and lithium-ion batteries
WO2025042062A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and vehicle comprising same
WO2025042066A1	SK ON CO LTD [KR]	Lithium secondary battery
WO2025042214A1	LG ENERGY SOLUTION LTD [KR]	Jelly roll-type electrode assembly, manufacturing method therefor, and secondary battery comprising same
WO2025042092A1	LG CHEMICAL LTD [KR]	Positive electrode active material, method for producing same, and positive electrode and lithium secondary battery comprising same
WO2025041885A1	DONGWHA ELECTROLYTE CO LTD [KR]	Lithium secondary battery
WO2025042672A1	ASCEND ELEMENTS INC [US]	Impurity control in lithium-ion battery recycling
WO2025042249A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, and positive electrode and lithium secondary battery comprising same
WO2025042671A1	ASCEND ELEMENTS INC [US]	Ternary positive active electrode leaching
WO2025042190A1	LG CHEMICAL LTD [KR]	Separator for lithium secondary battery and method for manufacturing same
WO2025041176A1	TVS MOTOR CO LTD [IN]	System and method for adaptive charging a battery pack of a vehicle

WO2025042265A1	LG ENERGY SOLUTION LTD [KR]	Battery cell assembly and battery pack including the same
WO2025041792A1	IDEMITSU KOSAN CO [JP]	Electrode, lithium ion battery positive electrode, and lithium ion battery
WO2025042191A1	LG CHEMICAL LTD [KR]	Electrode-integrated separator for lithium secondary battery and method for manufacturing same
WO2025041990A1	POSCO HOLDINGS INC [KR]	Cathode active material for lithium secondary battery, manufacturing method therefor, and lithium secondary battery comprising same
WO2025042202A1	LG ENERGY SOLUTION LTD [KR]	Electrode current collector, lithium secondary battery comprising same, battery module, and battery pack
WO2025042240A1	LG ENERGY SOLUTION LTD [KR]	Anode slurry composition, lithium secondary battery anode including same, and lithium secondary battery
WO2025042172A1	LG CHEMICAL LTD [KR]	Method for producing positive electrode active material
WO2025041619A1	TOYOTA CHUO KENKYUSHO KK [JP]	Apparatus for producing lithium metal and method for producing lithium metal
WO2025042902A1	AMTEK RES INTERNATIONAL LLC [US]	Coated separators including at least one adhesive
WO2025039326A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electric device
WO2025042735A1	ASPEN AEROGELS INC [US]	Composite thermal barrier and method
WO2025037124A1	GENIMA INNOVATIONS MARKETING GMBH [DE]	Extinguishing device for e-car traction batteries
WO2025037889A1	LG ENERGY SOLUTION LTD [KR]	Battery cell, battery pack, and vehicle comprising same
WO2025037829A1	LG ENERGY SOLUTION LTD [KR]	All-solid-state battery and manufacturing method therefor
WO2025038980A1	UNIV HOUSTON SYSTEM [US]	Compositions and methods for recycling lithium-ion battery materials
WO2025037897A1	LG ENERGY SOLUTION LTD [KR]	Apparatus for forming pouch-type battery case, pouch-type battery case manufactured using same, and method for forming cup part of pouch-type battery case by using apparatus for forming pouch-type battery case
WO2025037616A1	SUMITOMO METAL MINING CO [JP]	Positive-electrode active material for all-solid-state lithium ion secondary batteries, and all-solid-state lithium ion secondary battery
WO2025036577A1	SABIC GLOBAL TECHNOLOGIES BV [NL]	A battery cell casing, a method of producing said casing and a battery cell comprising said casing.
WO2025035525A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Power distribution apparatus, battery, and electric device
WO2025037794A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025037908A1	LG ENERGY SOLUTION LTD [KR]	Battery cell assembly and battery pack comprising same
WO2025037965A1	LG ENERGY SOLUTION LTD [KR]	Method for manufacturing solid electrolyte membrane
WO2025037923A1	LG ENERGY SOLUTION LTD [KR]	Lithium secondary battery
WO2025035527A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Power distribution apparatus, battery, and electric device
WO2025035528A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Power distribution apparatus, battery, and electric device
WO2025037890A1	LG ENERGY SOLUTION LTD [KR]	Electrode assembly, cylindrical battery, and battery pack and vehicle including same
WO2025035628A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte, secondary battery, and electrical apparatus
WO2025037847A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, and positive electrode slurry, positive electrode, and lithium secondary battery, each comprising same
WO2025038961A1	SOLID POWER OPERATING INC [US]	Tension mechanism and method for manufacture of an electrode
WO2025037840A1	LG CHEMICAL LTD [KR]	Anode for lithium secondary battery, manufacturing method therefor and lithium secondary battery comprising same
WO2025035620A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Secondary battery and preparation method therefor
WO2025035524A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Power distribution apparatus, battery, and electric device
WO2025037848A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, and positive electrode and lithium secondary battery including same

WO2025037341A1	OLA ELECTRIC MOBILITY LTD [IN]	Battery pack housing having overmoulded bus bar
WO2025037939A1	LG ENERGY SOLUTION LTD [KR]	Electrode current collector, electrode assembly comprising electrode current collector, and method for manufacturing electrode current collector
WO2025036379A1	UNIV WESTLAKE [CN]	Anode-free lithium metal battery, manufacturing method therefor and use thereof
WO2025037814A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode for lithium secondary battery and method for manufacturing same
WO2025036717A1	NEWFREY LLC [US]	Thermal barrier with elastically deformable spacer assembly
WO2025037815A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode for lithium secondary battery and method for manufacturing same
WO2025035707A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electric device
WO2025037743A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025037793A1	SK ON CO LTD [KR]	Bipolar battery and manufacturing method therefor
WO2025037855A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, method for preparing same, and positive electrode and lithium secondary battery comprising same
WO2025037816A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode for lithium secondary battery and manufacturing method therefor
WO2025031529A1	MYCON GMBH [DE]	Method and device for recycling and/or repairing structural batteries made of glued individual cells, in particular for electric vehicles
WO2025031528A1	MYCON GMBH [DE]	Method and device for making accessible the interior of a closed battery housing, in particular for electric vehicles, and battery housing for same
WO2025032599A1	TVS MOTOR CO LTD [IN]	An energy storage assembly and a battery unit
WO2025033123A1	DENSO CORP [JP]	Circuit board of battery monitoring system, power supply system, and power supply control system
WO2025032965A1	MURATA MANUFACTURING CO [JP]	Secondary battery
WO2025034068A1	LG ENERGY SOLUTION LTD [KR]	Cathode for all-solid-state battery, and all-solid-state battery comprising same
WO2025034052A1	LG ENERGY SOLUTION LTD [KR]	Anode active material, anode composition, anode, and lithium secondary battery
WO2025033413A1	MURATA MANUFACTURING CO [JP]	Secondary battery electrolyte solution and secondary battery
WO2025033068A1	MURATA MANUFACTURING CO [JP]	Solid-state battery
WO2025033613A1	BATTERY R&D ASS OF KOREA [KR]	Battery evaluation apparatus and battery evaluation method using same
WO2025033122A1	GS YUASA INT LTD [JP]	Non-aqueous electrolyte power storage element
WO2025033646A1	DEEPSMARTECH CO LTD [KR]	Negative electrode material for secondary battery comprising polymer protective layer and method for preparing same
WO2025033645A1	DEEPSMARTECH CO LTD [KR]	Separator for secondary battery comprising polymer protective layer and manufacturing method therefor
WO2025033656A1	L&F CO LTD [KR]	Cathode active material and lithium secondary battery including same
WO2025033260A1	FUJI PIGMENT [JP]	Method for producing electrode active material, electrode, and lithium ion battery
WO2025033514A1	MURATA MANUFACTURING CO [JP]	Positive electrode for secondary battery, secondary battery, and method for recycling positive electrode for secondary battery
WO2025033791A1	LG ENERGY SOLUTION LTD [KR]	Solid electrolyte membrane and all-solid-state battery comprising same
WO2025033589A1	UNIV KOREA IND UNIV COOP FOUND [KR]	Anodeless lithium secondary battery, lithium metal secondary battery, lithium secondary battery, and all-solid-state secondary battery comprising metal glass coating layer
WO2025033513A1	MURATA MANUFACTURING CO [JP]	Secondary battery
WO2025033324A1	CANON KK [JP]	Polymer electrolyte and secondary battery
WO2025033355A1	TOYOTA JIDOSHOKKI KK [JP]	Negative electrode for power storage device, and power storage device
WO2025033946A1	LG ENERGY SOLUTION LTD [KR]	Separator for electrochemical device and electrochemical device comprising same

WO2025034032A1	LG ENERGY SOLUTION LTD [KR]	Composite electrolyte membrane, manufacturing method thereof, and lithium secondary battery comprising same
WO2025033659A1	SK ON CO LTD [KR]	Cathode active material, method for preparing same, cathode comprising same, and all-solid state battery
WO2025033916A1	LG ENERGY SOLUTION LTD [KR]	Binder composition, and negative electrode for secondary battery and lithium secondary battery comprising binder composition
WO2025034018A1	SK ON CO LTD [KR]	Mixing device
WO2025033556A1	MAXELL LTD [JP]	Electrochemical element and production method therefor
WO2025033331A1	TOYOTA JIDOSHOKKI KK [JP]	Positive electrode for power storage device, and power storage device
WO2025033311A1	CANON KK [JP]	Polymer electrolyte and secondary battery
WO2025030739A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Adhesive tape adhering apparatus, adhesive tape adhering system, and adhesive tape adhering method
WO2025033343A1	SUMITOMO RIKO CO LTD [JP]	Molded urethane foam and heat dissipation structure including same
WO2025033989A1	LG ENERGY SOLUTION LTD [KR]	Battery manufacturing system and battery manufacturing method
WO2025033638A1	SAMSUNG SDI CO LTD [KR]	Negative active material and rechargeable lithium battery including same
WO2025033639A1	SAMSUNG SDI CO LTD [KR]	Negative active material and rechargeable lithium battery including same
WO2025026798A1	AUTONEUM MAN AG [CH]	Flame shield for a battery of an electric vehicle and battery housing comprising it
WO2025029849A2	ENERGY EXPLORATION TECH INC [US]	Solid state batteries and methods of making and use thereof
WO2025029850A1	ENERGY EXPLORATION TECH INC [US]	Solid state lithium ion conductors and batteries, and methods of making and use thereof
WO2025029071A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and vehicle including same
WO2025027621A1	TVS MOTOR CO LTD [IN]	Battery pack cooling system
WO2025028760A1	SK ON CO LTD [KR]	Battery pack
WO2025028239A1	IBIDEN CO LTD [JP]	Heat transfer suppression member and battery pack
WO2025028608A1	NUVOTON TECHNOLOGY CORP JAPAN [JP]	Wireless communication device and monitoring system
WO2025028386A1	IBIDEN CO LTD [JP]	Heat transfer suppression sheet and battery pack
WO2025031680A1	BAYERISCHE MOTOREN WERKE AG [DE]	Control device and method for actively reducing a voltage in a high-voltage system
WO2025029025A1	LG ENERGY SOLUTION LTD [KR]	Electrode assembly and secondary battery comprising same
WO2025029106A1	LG ENERGY SOLUTION LTD [KR]	Lithium-ion secondary battery comprising electrode manufactured by dry manufacturing method
WO2025027377A1	VIDYASIRIMEDHI INSTITUTE OF SCIENCE AND TECH [TH]	Lithium-ion battery and method for preparing the same
WO2025028962A1	POSCO FUTURE M CO LTD [KR]	Cathode active material for lithium secondary battery, manufacturing method of same, and lithium secondary battery comprising same
WO2025026128A1	UNIV WESTLAKE [CN]	Negative electrode-free lithium metal battery, and preparation method therefor and use thereof
WO2025027649A1	INDIAN INST TECH MADRAS [IN]	Battery disassembly system
WO2025028923A1	LG CHEMICAL LTD [KR]	Positive electrode active material, method for manufacturing same, and positive electrode and lithium secondary battery comprising same
WO2025029119A1	LG ENERGY SOLUTION LTD [KR]	Electrode manufacturing device and electrode manufacturing method
WO2025027980A1	MURATA MANUFACTURING CO [JP]	Battery pack
WO2025028875A1	SK ON CO LTD [KR]	Positive electrode active material, lithium secondary battery comprising same, and method for manufacturing positive electrode active material
WO2025028149A1	PANASONIC IP MAN CO LTD [JP]	Battery management device, battery pack, battery management method, and battery management program
WO2025029023A1	LG ENERGY SOLUTION LTD [KR]	Battery module including circuit board
WO2025029124A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode composition, negative electrode for lithium secondary battery, comprising same, and lithium secondary battery comprising negative electrode

WO2025028932A1	LG ENERGY SOLUTION LTD [KR]	Anode active material, anode and lithium secondary battery
WO2025029024A1	LG ENERGY SOLUTION LTD [KR]	Method for manufacturing electrode assembly
WO2025028602A1	MITSUI CHEMICALS INC [JP]	Positive electrode active material and all-solid-state battery
WO2025029457A1	DDP SPECIALTY ELECTRONIC MATERIALS US LLC [US]	Two-component low-density polyurethane potting formulation
WO2025028895A1	LG ENERGY SOLUTION LTD [KR]	Electrode, electrode assembly, and electrode cutting device
WO2025029028A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode composition, negative electrode, and lithium secondary battery
WO2025029123A1	LG ENERGY SOLUTION LTD [KR]	Method for evaluating of slurry dispersion status and method for manufacturing slurry using same
WO2025029803A1	ASPEN AEROGELS INC [US]	Thermal barrier with encapsulated isolation material layer and method
WO2025029097A1	LG ENERGY SOLUTION LTD [KR]	Anode, manufacturing method therefor, and electrochemical device comprising same
WO2025028896A1	IUCF HYU [KR]	Porous polyetherimide/aramid nanofibril composite membrane and secondary battery comprising same
WO2025027144A1	HYONIC LTD [GB]	Electrochemical cell additive
WO2025028739A1	UNIV ULSAN FOUND IND COOP [KR]	Battery management system for maximizing battery life and method thereof
WO2025023658A1	LG ENERGY SOLUTION LTD [KR]	Cable-type cell assembly, cable-type battery module and cable-type battery pack
WO2025021822A1	OCTAVE [BE]	Battery module holder and related battery energy storage system
WO2025022044A1	STELLANTIS AUTO SAS [FR]	Electric or hybrid motor vehicle comprising a device for fastening pipes
WO2025023562A1	NEPES YAHAD CORP [KR]	Secondary battery cell having fire extinguishing layer formed therein
WO2025023570A1	LG ENERGY SOLUTION LTD [KR]	Secondary battery
WO2025023610A1	IUCF HYU [KR]	Positive electrode active material for sodium secondary battery, preparation method therefor, and sodium secondary battery comprising same
WO2025023591A1	LG ENERGY SOLUTION LTD [KR]	Pouch-type battery case and lithium secondary battery comprising same
WO2025022868A1	PANASONIC IP MAN CO LTD [JP]	Lithium secondary battery and separator
WO2025023417A1	SAMSUNG SDI CO LTD [KR]	All-solid-state rechargeable battery
WO2025023653A1	BATTERY SOLUTION CO LTD [KR]	Cathode active material for sodium secondary battery, manufacturing method therefor, and sodium secondary battery comprising same
WO2025023693A1	LG ENERGY SOLUTION LTD [KR]	Battery pack
WO2025023416A1	SAMSUNG SDI CO LTD [KR]	All-solid-state rechargeable battery
WO2025023592A1	LG ENERGY SOLUTION LTD [KR]	Electrode current collector and lithium secondary battery including same
WO2025022411A1	TVS MOTOR CO LTD [IN]	A structure for connecting a plurality of cells in an energy storage device
WO2025021002A1	WUHAN LOTUS CARS CO LTD [CN]	Charging station for traction battery pack, traction battery pack, charging system, and vehicle
WO2025021099A1	NIO TECHNOLOGY ANHUI CO LTD [CN]	Battery pack and electrical apparatus
WO2025020376A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte, secondary battery and electric device
WO2025020469A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrode assembly, battery cell, battery, and electrical device
WO2025017508A1	RAICAM DRIVELINE S R L [IT]	Tubular fitting for conveying a coolant liquid to and from electric vehicle battery packs
WO2025018402A1	SUMITOMO METAL MINING CO [JP]	Coated positive electrode active material for lithium secondary batteries, method for producing coated positive electrode active material for lithium secondary batteries, and lithium secondary battery
WO2025018075A1	DENSO CORP [JP]	Power supply system, control device, and control program
WO2025018163A1	PANASONIC IP MAN CO LTD [JP]	Power supply device
WO2025017343A1	EXELX LTD [AE]	Apparatus for regeneration of nickel-metal hydride (nimh) batteries

WO2025017917A1	NISSAN MOTOR [JP]	All-solid-state battery system and method for controlling pressure on battery module of all-solid-state battery system
WO2025018076A1	DENSO CORP [JP]	Storage battery monitoring system and control program
WO2025018845A1	LG ENERGY SOLUTION LTD [KR]	Cylindrical lithium secondary battery
WO2025017132A1	BLUE SOLUTIONS [FR]	Metal layer comprising lithium or lithium alloy through-grains
WO2025018798A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, and positive electrode and lithium secondary battery comprising same
WO2025018146A1	SUMITOMO RIKO CO LTD [JP]	Cooling heat exchanger
WO2025019557A2	SONOCHARGE ENERGY INC [US]	Devices, systems, and methods for rejuvenating energy devices
WO2025017723A1	PATEL JITENDRAKUMAR JETHALAL [IN]	A system for temperature stabilization in electrical vehicles
WO2025016794A1	VALEO SYSTEMES THERMIQUES [FR]	Thermal control unit, in particular for a motor vehicle, and corresponding thermal control system
WO2025018807A1	MIWON COMMERCIAL CO LTD [KR]	Liquefied composition of propargyl carboxylate derivative used as electrolyte additive and preparation method therefor
WO2025019804A1	QUANTUMSCAPE BATTERY INC [US]	Acid surface treatment of solid electrolytes
WO2025017480A1	LG ENERGY SOLUTION LTD [KR]	Apparatus and method for energy maximization in a secondary battery system
WO2025015803A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Separator and preparation method therefor, secondary battery, and electric device
WO2025018660A1	LG ENERGY SOLUTION LTD [KR]	Battery module, and battery pack and vehicle including same
WO2025015878A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell winding device and method and battery manufacturing device
WO2025015733A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Positive electrode sheet, battery cell, battery, and electric device
WO2025018739A1	LG CHEMICAL LTD [KR]	Positive active material, and positive electrode and lithium secondary battery comprising same
WO2025012224A1	AMPERE SAS [FR]	Method for diagnosing the storage cells of a traction battery of an electric or hybrid motor vehicle
WO2025014900A1	UNIV CALIFORNIA [US]	Epsilon-phase mgxvopo4 as cathode materials for magnesium ion batteries
WO2025014029A1	SAMSUNG SDI CO LTD [KR]	Solid electrolyte, preparation method thereof, and solid electrolyte membrane and all-solid-state rechargeable batteries comprising same
WO2025014028A1	SAMSUNG SDI CO LTD [KR]	Negative electrode for all-solid-state rechargeable batteries and preparation method thereof, and all-solid-state rechargeable batteries and preparation method thereof
WO2025014329A1	LG ENERGY SOLUTION LTD [KR]	Battery module
WO2025014146A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025014194A1	LG ENERGY SOLUTION LTD [KR]	Battery module and battery pack including same
WO2025012489A1	UNIV DEUSTO [ES]	Vehicle with means for absorbing energy from knocks or impact
WO2025014004A1	KIM JI TAE [KR]	Off-gas-based battery thermal runaway monitoring system and battery extinguishing system
WO2025013693A1	AUTONETWORKS TECHNOLOGIES LTD [JP]	Battery system
WO2025013694A1	AUTONETWORKS TECHNOLOGIES LTD [JP]	Battery system
WO2025013537A1	PANASONIC IP MAN CO LTD [JP]	Battery analysis system, battery analysis method, and battery analysis program
WO2025013623A1	MURATA MANUFACTURING CO [JP]	Electrolyte solution for secondary batteries, and secondary battery
WO2025013361A1	HITACHI HIGH TECH CORP [JP]	Method for estimating lithium-ion battery degradation, and lithium-ion battery degradation notification method
WO2025013412A1	HITACHI ZOSEN CORP [JP]	Solid-state battery unit, solid-state battery stack, solid-state battery pack, method for manufacturing solid-state battery unit, and method for manufacturing solid-state battery stack
WO2025013566A1	PANASONIC IP MAN CO LTD [JP]	Battery pack, method for manufacturing same, and method for replacing secondary battery cell
WO2025013611A1	MURATA MANUFACTURING CO [JP]	Secondary battery

WO2025014316A1	LG ENERGY SOLUTION LTD [KR]	Anode active material, anode composition, lithium secondary battery anode comprising same, and lithium secondary battery comprising anode
WO2025014027A1	SAMSUNG SDI CO LTD [KR]	Negative electrode for all-solid-state battery and all-solid-state battery including same
WO2025014235A1	LG ENERGY SOLUTION LTD [KR]	Anode for lithium secondary battery, and manufacturing method therefor
WO2025014236A1	LG ENERGY SOLUTION LTD [KR]	Negative electrode for lithium secondary battery and method for manufacturing same
WO2025010714A1	JIANGYIN NANOPOROUS INNOVATIVE MATERIALS TECH LTD [CN]	Silicon-containing compound, current collector, preparation method, electrode sheet, and use
WO2025014312A1	SK ON CO LTD [KR]	Electrode notching device
WO2025014921A2	FASTCAP SYSTEMS CORP [US]	Electrodes for energy storage devices
WO2025010953A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery pressing device and battery production system
WO2025010977A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery pressurizing device and battery production system
WO2025010955A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery pressurization device and battery production system
WO2025010988A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Negative electrode sheet, secondary battery and electrical apparatus
WO2025010978A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery pressurizing device and battery production system
WO2025010827A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Positive electrode sheet, battery and electrical device
WO2025009770A1	LG ENERGY SOLUTION LTD [KR]	Battery pack and energy storage system comprising same
WO2025009474A1	MURATA MANUFACTURING CO [JP]	Secondary battery evaluation system
WO2025009799A1	LG ENERGY SOLUTION LTD [KR]	Electrode comprising active material layer having double-layered structure, and secondary battery comprising same
WO2025009892A1	LS E MOBILITY SOLUTIONS CO LTD [KR]	Cooling module and battery disconnect device comprising same
WO2025007338A1	HONGFUJIN PREC IND WUHAN CO LTD [CN]	Battery management method and battery pack
WO2025009522A1	SUMITOMO RIKO CO LTD [JP]	Cooling heat exchanger
WO2025008756A1	IBM [US]	Rechargeable battery with an sei protective layer on the surface of a metal anode and method for making same
WO2025009934A1	LG ENERGY SOLUTION LTD [KR]	Battery module
WO2025009875A1	LG CHEMICAL LTD [KR]	Positive electrode active material and preparation method therefor
WO2025009879A1	GRAPHENIDE TECH CO LTD [KR]	Electrode additive, and lithium metal electrode and lithium metal battery comprising same
WO2025009921A1	UNIV EWHA IND COLLABORATION [KR]	Separator coating material, comprising conductive metal-organic framework, for secondary battery, and lithium-sulfur secondary battery comprising same
WO2025009876A1	GRAPHENIDE TECH CO LTD [KR]	Electrode additive, negative electrode comprising same for lithium secondary battery, and method for manufacturing negative electrode for lithium secondary battery
WO2025009247A1	TOYOTA JIDOSHOKKI KK [JP]	Method for manufacturing electrode for electric power storage module, and method for manufacturing electric power storage module
WO2025009830A1	LG CHEMICAL LTD [KR]	Carbon nanotube dispersion and preparation method therefor
WO2025009017A1	TDK CORP [JP]	Power storage element
WO2025010817A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte, secondary battery and electric device
WO2025007599A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Winding needle, winding apparatus, battery manufacturing apparatus, and winding method
WO2025007595A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Polythiophene conductive polymer, positive electrode slurry, positive electrode sheet and preparation method therefor, battery cell, battery, and electric device
WO2025003619A1	SUEZ INT [FR]	Method for dismantling batteries, involving deep discharging and energy recovery
WO2025005623A1	LG ENERGY SOLUTION LTD [KR]	Battery manufacturing apparatus

WO2025005247A1	HORIBA LTD [JP]	Battery case evaluation system, battery case evaluation program, and battery case evaluation method
WO2025005962A1	UNIV LELAND STANFORD JUNIOR [US]	Ultra-low temperature rechargeable li/cl2 batteries with thionyl chloride electrolytes
WO2025004811A1	PANASONIC IP MAN CO LTD [JP]	Secondary battery
WO2025005665A1	NAUL INC [KR]	Method for reprocessing waste lithium secondary battery
WO2025003609A1	VERKOR [FR]	Electrolyte, and lithium ion battery comprising same
WO2025004937A1	ORGANO CORP [JP]	Battery housing body and battery pack
WO2025005834A1	EPIROC ROCK DRILLS AB [SE]	Battery system and method for electric power flow control therein
WO2025004869A1	SUMITOMO RIKO CO LTD [JP]	Heat exchanger for cooling
WO2025004950A1	GS YUASA INT LTD [JP]	All-solid-state secondary battery
WO2025005658A1	POSCO FUTURE M CO LTD [KR]	Cathode active material for lithium secondary battery. And lithium secondary battery comprising same
WO2025005656A1	POSCO FUTURE M CO LTD [KR]	Cathode active material for lithium secondary battery and lithium secondary battery comprising same
WO2025003611A1	PELLENC ENERGY [FR]	Metal microparticles for battery anode
WO2025000213A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery pressurizing device and method
WO2025005661A1	POSCO FUTURE M CO LTD [KR]	Method for preparing positive electrode active material for lithium secondary battery and lithium secondary battery comprising positive electrode active material prepared thereby
WO2025005119A1	FUJIFILM CORP [JP]	Binder for all-solid-state secondary battery, inorganic solid electrolyte-containing composition, sheet for all-solid-state secondary battery, and all-solid-state secondary battery
WO2025004746A1	PANASONIC IP MAN CO LTD [JP]	Secondary battery
WO2025005746A1	LG ENERGY SOLUTION LTD [KR]	Cathode active material, cathode comprising same, and lithium secondary battery
WO2025004066A1	TVS MOTOR CO LTD [IN]	A thermal management system for an energy storage system and a method thereof
WO2025000559A1	ZHUHAI COSMX BATTERY CO LTD [CN]	Battery and electronic device
WO2025000557A1	ZHUHAI COSMX BATTERY CO LTD [CN]	Battery and electronic device
WO2025003375A1	SPECIALTY OPERATIONS FRANCE [FR]	Positive electrode composition
WO2025000560A1	ZHUHAI COSMX BATTERY CO LTD [CN]	Electrolyte and battery
WO2025005745A1	LG ENERGY SOLUTION LTD [KR]	Positive electrode active material, method for preparing same, positive electrode comprising same, and lithium secondary battery
WO2025003361A1	I TEN [FR]	Process for manufacturing a porous electrode, and battery containing such an electrode
WO2025005660A1	POSCO FUTURE M CO LTD [KR]	Method for preparing positive electrode active material for lithium secondary battery, and lithium secondary battery comprising positive electrode active material prepared using same
WO2025003357A1	I TEN [FR]	Process for manufacturing a porous electrode, and battery containing such an electrode
WO2025000468A1	NINGDE AMPEREX TECHNOLOGY LTD [CN]	Electrochemical device and electronic device
WO2025005091A1	TOAGOSEI CO LTD [JP]	Composite electrolyte and power storage device
WO2025005668A1	LG CHEMICAL LTD [KR]	Separator for electrochemical device and electrochemical device comprising same
WO2025002224A1	BEIJING WELION NEW ENERGY TECH CO LTD [CN]	Oxygen element-doped sulfide electrolyte and preparation method therefor and use thereof
WO2025005015A1	TOAGOSEI CO LTD [JP]	Composition and method for producing same, dried product and method for producing same, solid electrolyte, and power storage device
WO2025002897A1	MUNICH ELECTRIFICATION GMBH [DE]	Battery management system, battery pack and switch device control method
WO2025001323A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANG HAI LIMITED [CN]	Battery case, battery, and electric device
WO2025000741A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte, sodium secondary battery and electric device

WO202500800A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Negative electrode sheet and preparation method therefor, battery cell and electric device
WO2025000955A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte solution, lithium-ion battery and formation method therefor, and electric apparatus
WO2025000865A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Electrolyte, lithium-ion battery and formation method therefor, and electric device
WO2025000866A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Lithium-ion battery, preparation method therefor, and electric apparatus
WO2025001184A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Negative electrode sheet, cell, battery and electric device
WO2025001479A1	SHENZHEN CAPCHEM TECHNOLOGY CO LTD [CN]	Secondary battery electrolyte additive and preparation method therefor
WO2025000969A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Adhesive tape attaching device and adhesive tape attaching method
WO2025001415A1	HUAWEI TECH CO LTD [CN]	Graphite negative electrode material, and preparation method therefor and use thereof
WO2025003569A1	AVANT TECNO OY [FI]	Battery pack
WO2025003570A1	AVANT TECNO OY [FI]	Battery pack
WO2025001158A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Positive electrode sheet, battery cell, secondary battery and electric device
WO2025001012A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery production device, battery production apparatus, and battery production method
WO2025000951A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Positive electrode sheet, battery cell, battery, and electric device
WO2025055491A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electrical device
WO2025044260A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electrical device
WO2025053411A1	KIM WON BAE [KR]	Battery case for fire extinguishing of electric vehicle and fire extinguishing connector for fire extinguishing of electric vehicle
WO2025026221A1	BYD CO LTD [CN]	Integrated cooling device and electric vehicle
WO2025060246A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Buffer pad, battery cell, battery, and electric device having same
WO2025055558A1	EVE ENERGY CO LTD [CN]	Liquid cooling system and battery box using same
WO2025020460A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery, battery system and electrical device
WO2025044798A1	BYD CO LTD [CN]	Battery pack and electric vehicle
WO2025043785A1	CHONGQING TALENT NEW ENERGY CO LTD [CN]	Ring-shaped battery, battery module, and electric device
WO2025025612A1	HUAWEI DIGITAL POWER TECH CO LTD [CN]	Method for pulse heating of power battery of electric vehicle, and electric vehicle
WO2025036032A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Heat exchange assembly, battery and electric device
WO2025011193A1	SUNWODA MOBILITY ENERGY TECHNOLOGY CO LTD [CN]	Cooling device and battery pack
WO2025056086A1	EVE POWER CO LTD [CN]	Lithium iron phosphate battery and hybrid vehicle
WO2025010893A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery and electrical apparatus
WO2025007746A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Box assembly, battery and electrical device
WO2025015982A1	SUNWODA MOBILITY ENERGY TECHNOLOGY CO LTD [CN]	Battery pack and electrical device
WO2025011192A1	SUNWODA MOBILITY ENERGY TECHNOLOGY CO LTD [CN]	Cooling device and battery pack
WO2025020674A1	BYD CO LTD [CN]	Heat exchange plate and battery pack case having same, battery pack, and vehicle
WO2025000801A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Communication pipe, thermal management assembly, battery, and electric device
WO2025001023A1	SUNWODA MOBILITY ENERGY TECHNOLOGY CO LTD [CN]	Battery pack and electric vehicle
WO2025001006A1	SUNWODA MOBILITY ENERGY TECHNOLOGY CO LTD [CN]	Battery cell and battery module
WO2025002461A1	SVOLT ENERGY TECH CO LTD [CN]	Power battery

WO2025007922A1	ZHUHAI COSMX BATTERY CO LTD [CN]	Electrolyte and battery comprising same
WO2025007423A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery and electric device
WO2025010826A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery, and electric device
WO2025015699A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery cell, battery and electric device
WO2025011391A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery and electric device
WO2025015697A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Protective film, battery cell, battery, and electric device
WO2025062329A1	FIAT RICERCHE [IT]	Method and system for conditioning the temperature of a traction battery of an electric or hybrid vehicle

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SUPERCONDENSADORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025012248A1	UNIV BORDEAUX [FR] INST POLYTECHNIQUE BORDEAUX [FR] CENTRE NAT RECH SCIENT [FR]	Process for the preparation of a porous monolithic carbonaceous material, the porous monolithic carbonaceous material obtained by said process, and its use as supercapacitor electrode
WO2025057904A1	GS YUASA INT LTD [JP]	Non-aqueous electrolyte power storage element
WO2025062254A1	SEMICONDUCTOR ENERGY LAB [JP]	Secondary battery
WO2025063110A1	GS YUASA INT LTD [JP]	Power storage element and method for producing power storage element
WO2025047414A1	TOYOTA JIDOSHOKKI KK [JP] TOYOTA MOTOR CO LTD [JP]	Power storage module
WO2025029560A1	UNIV NORTHWESTERN [US]	Screen-printed microsupercapacitors enabled by hexagonal boron nitride ionogel electrolytes
WO2025033355A1	TOYOTA JIDOSHOKKI KK [JP]	Negative electrode for power storage device, and power storage device
WO2025053143A1	TOYOTA JIDOSHOKKI KK [JP]	Power storage module
WO2025033381A1	NIPPON CHEMICON [JP]	Solid electrolytic capacitor and production method
WO2025009247A1	TOYOTA JIDOSHOKKI KK [JP] TOYOTA MOTOR CO LTD [JP]	Method for manufacturing electrode for electric power storage module, and method for manufacturing electric power storage module
WO2025005091A1	TOAGOSEI CO LTD [JP]	Composite electrolyte and power storage device
WO2025003361A1	I TEN [FR]	Process for manufacturing a porous electrode, and battery containing such an electrode
WO2025003357A1	I TEN [FR]	Process for manufacturing a porous electrode, and battery containing such an electrode
WO2025063754A1	POSTECH RES & BUSINESS DEV FOUND [KR]	Method for wettability modification of carbon allotropes and wettability-modified carbon allotropes thereof
WO2025047188A1	PANASONIC IP MAN CO LTD [JP]	Power storage unit
WO2025009876A1	GRAPHENIDE TECH CO LTD [KR]	Electrode additive, negative electrode comprising same for lithium secondary battery, and method for manufacturing negative electrode for lithium secondary battery
WO2025048375A1	JB EST CO LTD [KR]	Carbon material for supercapacitor electrode and method for producing same

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SISTEMAS DE RECUPERACIÓN DE ENERGÍA FRENOS REGENERATIVOS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025004099A1	MAHINDRA & MAHINDRA LTD [IN]	Systems for achieving regenerative braking in a vehicle
WO2025041152A1	TVS MOTOR CO LTD [IN]	System and method for controlling regenerative braking in a vehicle
WO2025048077A1	LG ENERGY SOLUTION LTD [KR]	System and method for determining and managing battery degradation
WO2025021880A2	BREMBO SPA [IT]	Vehicle and method for brake blending in a vehicle
WO2025048078A1	LG ENERGY SOLUTION LTD [KR]	System and method for determining and managing battery degradation
WO2025038928A1	TRANSP IP HOLDINGS LLC [US]	Propulsion and/or braking control system
WO2025004146A1	mitsubishi electric corp [JP]	Brake control device and brake control method
WO2025048753A1	TURKIYENIN OTOMOBILI GIRISIM GRUBU SANAYI VE TICARET ANONIM SIRKETI [TR]	A braking system
WO2025046835A1	MITSUBISHI MOTORS CORP [JP]	Braking control device
WO2025044614A1	CHINA FAW CO LTD [CN]	Vehicle braking control method and apparatus, and vehicle
WO2025006444A1	FCA US LLC [US]	Intelligent optimized energy storage control for electrified vehicles
WO2025046175A1	STELLANTIS AUTO SAS [FR]	Monitoring regenerative braking phases in a land vehicle

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MÁQUINAS ELÉCTRICAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025032793A1	NISSAN MOTOR [JP]	Charging control method and charging control system
WO2025025154A1	SCHAEFFLER TECHNOLOGIES AG [DE]	Electric-motor stator and electric motor
WO2025002525A1	BENAMARA RAMZI [DZ]	Self-charging electric car
WO2025000933A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Axial electric motor, power assembly and electric device
WO2025064958A1	HYDRO GEAR LP [US]	Electric motor and controller assembly
WO2025054636A1	TRAN QUOC HIEU [VN]	Powertrain using a complementary combined power supply for electric cars
WO2025027072A1	BROSE FAHRZEUGTEILE SE & CO KG WUERZBURG [DE]	Electric motor for a motor vehicle
WO2025001398A1	HUAWEI DIGITAL POWER TECH CO LTD [CN]	Electric motor, power assembly and electric vehicle
WO2025038025A1	POLESTAR PERFORMANCE AB [SE]	A rotor for an electric motor
WO2025016892A1	VITESCO TECH GMBH [DE]	Method for operating an electric motor, computer program, computer program product, system, and vehicle
WO2025008116A1	POLESTAR PERFORMANCE AB [SE]	A method for attaching a busbar to a rotor winding of a rotor
WO2025060616A1	ANHUI WELLING AUTO PARTS CORPORATION LTD [CN]	Electric motor, water pump, and vehicle
WO2025038801A2	MAGNA INT INC [CA]	Discontinuous control strategy for rare-earth-free powertrain system in electric vehicle applications
WO2025031680A1	BAYERISCHE MOTOREN WERKE AG [DE]	Control device and method for actively reducing a voltage in a high-voltage system
WO2025044779A1	CRRC ZHUZHOU ELECTRIC LOCOMOTIVE RES INSTITUTE CO LTD [CN]	Stator, electric motor, and preparation method for stator
WO2025001704A1	HUAWEI DIGITAL POWER TECH CO LTD [CN]	Motor with distributed oil passing of motor shaft, power assembly and electric vehicle
WO2025055379A1	DONGFENG MOTOR GROUP CO LTD [CN]	Electric motor drive system and vehicle
WO2025047200A1	HITACHI INDUSTRY EQUIPMENT SYSTEMS CO LTD [JP]	Rotating electrical machine
WO2025033349A1	NITTOKU CO LTD [JP]	Method for manufacturing stator, device for manufacturing stator, and method for manufacturing motor
WO2025032810A1	NISSAN MOTOR [JP]	Drive unit
WO2025016655A1	IFP ENERGIES NOW [FR]	Axial flux electric machine with thermal guide between each coil and each associated tooth
WO2025001379A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Interlayer insulation paper, stator, axial motor, electric drive assembly and driving device
WO2025001380A1	CONTEMPORARY AMPEREX INTELLIGENCE TECH SHANGHAI LIMITED [CN]	Slot insulation paper, stator, axial motor, electric drive assembly, and driving device
WO2025022171A1	REZAEI SANI MEYSAM [IR]	A combined cycle generator with a 100% efficiency
WO2025033887A1	NEW MOTECH CO LTD [KR]	In-wheel motor with electronic brake module
WO2025011858A1	AUDI AG [DE]	Method for operating a drive device for a motor vehicle, corresponding drive device and computer program product
WO2025011691A1	SCHAEFFLER TECHNOLOGIES AG [DE]	Rotor, method for producing a rotor, axial flux machine and motor vehicle
WO2025033888A1	NEW MOTECH CO LTD [KR]	In-wheel motor

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CONVERTIDORES, INVERSORES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025028221A1	DENSO CORP [JP]	Semiconductor module and power conversion device
WO2025044798A1	BYD CO LTD [CN]	Battery pack and electric vehicle
WO2025032791A1	NISSAN MOTOR [JP]	Charging/discharging control method and charging/discharging control device
WO2025032796A1	NISSAN MOTOR [JP]	Electric-vehicle charging control method and electric-vehicle charging control device
WO2025054636A1	TRAN QUOC HIEU [VN]	Powertrain using a complementary combined power supply for electric cars
WO2025012880A1	EATON INTELLIGENT POWER LTD [IE]	Tap changer-based llc converter
WO2025033675A1	SOLUM CO LTD [KR]	Resonant converter and electric vehicle charger comprising same
WO2025063607A1	TOOL & TECH CO LTD [KR]	Discharger for battery pack of electric vehicle
WO2025059330A1	VITESCO TECHNOLOGIES USA LLC [US]	Three-in-one converter integrating solar pv dc/dc, low voltage dc/dc, and high voltage dc/dc
WO2025018235A1	HITACHI ASTEMO LTD [JP]	Charging device and power conversion device
WO2025026730A1	AMPERE SAS [FR]	Method for recharging a traction battery with a voltage source of voltage lower than that of the traction battery and corresponding vehicle
WO2025032797A1	NISSAN MOTOR [JP]	Charging control method and charging control device
WO2025047246A1	DENSO CORP [JP]	Control device for three-level inverter, and program
WO2025003090A1	VITESCO TECH GMBH [DE]	Method for controlling a converter for converting a first electrical voltage into a second electrical voltage
WO2025062495A1	SUBARU CORP [JP]	Drive system
WO2025032790A1	NISSAN MOTOR [JP]	Charge/discharge control method and charge/discharge control device
WO2025026892A1	COMMISSARIAT ENERGIE ATOMIQUE [FR]	Method for controlling a power converter
WO2025064513A1	TAE TECH INC [US]	Energy systems for managing power to primary and auxiliary loads
WO2025062198A1	EATON INTELLIGENT POWER LTD [IE]	Method to operate a bidirectional two-stacked phase shifted dc-to-dc converter in pre-charge mode
WO2025008237A1	VITESCO TECH GMBH [DE]	Electric drive system, control device and control method for such a drive system and computer program
WO2025057622A1	SANDEN CORP [JP]	Electric compressor control board and electric compressor provided with same
WO2025019388A1	GEORGIA TECH RES INST [US]	Modular multilevel inertial-less mv to dc (mv2dc) transformers
WO2025004814A1	DENSO CORP [JP]	Power supply system and control program
WO2025007221A1	HILLCREST ENERGY TECH LTD [CA]	A closed-loop control method for zero voltage switching converters
WO2025000374A1	HUAWEI DIGITAL POWER TECH CO LTD [CN]	Voltage converter, controller applied to voltage converter, and power adapter
WO2025013562A1	SANDEN CORP [JP]	Active filter device and electric air compressor provided with same
WO2025031680A1	BAYERISCHE MOTOREN WERKE AG [DE]	Control device and method for actively reducing a voltage in a high-voltage system
WO2025054006A1	UNIV TEXAS [US]; HUANG QIN [US]	Isolated single-stage bi-directional ac-dc converters
WO2025059765A1	HILLCREST ENERGY TECH LTD [CA]	Pulse distortion compensation for pulse-width-modulation based converters
WO2025009320A1	DENSO CORP [JP]	Semiconductor module
WO2025057809A1	DENSO CORP [JP]	Temperature control device for mobile body and program
WO2025013133A1	NISSAN MOTOR [JP]	Drive unit
WO2025004813A1	DENSO CORP [JP]	Power supply system and control program
WO2025054731A1	LAM JOHN [CA]	High power factor ac/dc converters with reduced storage capacitance
WO2025059459A1	DIMAAG AI INC [US]	Charging electric vehicles using dc-to-dc converters with immersion-cooled inductors
WO2025062635A1	MITSUBISHI ELECTRIC CORP [JP]	Drive circuit for semiconductor element and power conversion device
WO2025009900A1	FOUND RES & BUSINESS SEOUL NAT UNIV SCI & TECH [KR]	Integrated charger
WO2025051423A1	BOSCH GMBH ROBERT [DE]	Active filter circuit for a power electronics circuit and system having an active filter circuit
WO2025013134A1	NISSAN MOTOR [JP]	Drive unit

WO2025053286A1	AISIN CORP [JP]	Vehicle drive device
WO2025000108A1	ELEAPPOWER LTD [CA]	Apparatus for passive common-mode leakage mitigation
WO2025030123A1	SCALVY INC [US]	Methods and systems for power control

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RECARGA DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025031782A1	KONINKLIJKE PHILIPS NV [NL]	An electric vehicle charging system and method and an electric vehicle

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CAMBIO DE BATERÍAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO2025011031A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Battery swapping device and battery swapping station
WO2025001283A1	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]	Rack, rack assembly, and vehicle

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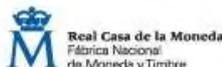
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