

Desde el primer trimestre de 2021, la Oficina Española de Patentes y Marcas (OEPM) viene colaborando con el Centro Tecnológico Industrial de Castilla-La Mancha (ITECAM) para la realización de los Boletines de Vigilancia Tecnológica en el sector metal-mecánico, en el marco del Convenio firmado entre ambas entidades en junio de 2020 con el objeto de facilitar, impulsar y estimular el conocimiento y la utilización de los derechos de Propiedad Industrial dentro de la asociación.

Itecam, Centro Tecnológico Industrial de Castilla-La Mancha, está constituido como asociación empresarial sin ánimo de lucro, con el objetivo de fomentar la innovación e impulsar la competitividad en las industrias del sector metalmeccánico, si bien en los últimos años su actividad se ha orientado también a otras industrias manufactureras, tales como la industria agroalimentaria o las relacionadas con la construcción. Desarrolla una I+D+i aplicada, trabajando en la generación de nuevos productos y servicios, la mejora de los procesos, implantación de tecnologías, la transferencia del conocimiento y la transformación digital.

Según datos estadísticos del INE, en el año 2018 había en España 59.659 empresas en el sector del metal, dando trabajo a 836.139 personas y generando un negocio de 215.347 millones de euros, lo que supone casi la tercera parte del total del sector industrial.

La Oficina Española de Patentes y Marcas tiene entre sus objetivos la protección y fomento de la actividad de

creación e innovación tecnológica en nuestro país, así como la transmisión de la información sobre propiedad industrial de que dispone para orientar la actividad investigadora, a través de sus servicios de información tecnológica, uno de ellos estos Boletines.

Este boletín, de forma similar a los demás Boletines que viene realizando la OEPM para distintos sectores tecnológicos, recoge con periodicidad trimestral, una selección de las solicitudes de patente publicadas en Estados Unidos, Japón, Corea, Alemania, España, Italia, Noruega, Turquía, Singapur, India, China (aquellas a nombre de: Huawei, Universidad de Tsinghua, Universidad de Shenzhen), así como solicitudes internacionales PCT y de la Oficina Europea de Patentes (EP). También, incluye noticias sobre actividades relevantes de la OEPM.

Las solicitudes de patente incluidas en el Boletín se clasifican en los siguientes apartados: Fundición, Mecanizado, Conformado por deformación, Fabricación aditiva, Pulvimetalurgia, Tecnologías de unión, Tratamientos superficiales. Se puede acceder a las solicitudes de patente para cada grupo, pulsando sobre los apartados que aparecen en el recuadro a continuación. Para cada documento de patente un enlace permite consultar el texto completo del mismo. Si se desea recibir este Boletín periódicamente basta con cumplimentar el correspondiente *formulario de suscripción*

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- MECANIZADO
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Fundición

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022085766	HONDA MOTOR CO LTD	JP	Low-pressure casting apparatus
WO 2022112611	KURTZ GMBH & CO KG	DE	Mold, apparatus and method for low pressure casting
US 2022152692	HYUNDAI MOTOR CO LTD	KR	Cooling apparatus of die casting mold
WO 2022097713	SHIBAURA MACHINE CO LTD	JP	Molding machine
WO 2022063099	CRRC QISHUYAN INST CO LTD	CN	Composite material brake rotor, preparation method therefor, and friction stir tool
US 2022145431	HYUNDAI MOTOR CO LTD	KR	High strength and high thermal conductivity casting aluminum alloy and manufacturing method thereof
WO 2022084555	FOSECO INT	GB	Composition, core and mould for casting and moulding processes
WO 2022122496	OSKAR FRECH GMBH CO KG	DE	Pressure die-casting machine having a shut-off valve in the melt inlet channel, and operating method
WO 2022085058	DIE ENG CORPORATION	JP	Valve device, mold, and die casting apparatus
WO 2022124448	SOHN HEE SIK	KR	Highly corrosion-resistant magnesium-added aluminum alloy for casting
US 2022161313	IND TECH RES INST	TW	Aluminum alloy wheel and method for manufacturing the same
WO 2022098062	KOREA INSTITUTE OF MAT SCIENCE	KR	High-strength, high-anticorrosive, biodegradable magnesium alloy and implant using same
WO 2022070507	UBE MACHINERY CORP LTD	JP	Injection device for die casting machine, and casting method
WO 2022120641	GEELY HOLDING GROUP CO LTD	CN	Pressure injection system and large-tonnage die casting machine
WO 2022117964	SAFRAN	FR	Method for obtaining a product made of titanium alloy or a titanium-aluminium intermetallic compound
WO 2022078547	SCHAEFFLER TECHNOLOGIES AG	DE	Method for producing a component of a sliding bearing, and component, sliding bearing and transmission of a wind turbine
WO 2022117965	SAFRAN	FR	Casting ring for obtaining a product made of titanium alloy or a titanium-aluminium intermetallic compound and method using same

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
KR 20220036140	SAMKEE AUTOMOTIVE CO LTD	KR	Die-casting movable mold capable of discharging release agent and cooling water between slide core and core holder
KR 20220029044	WOO KANG UP	KR	System and method for centrifugal casting and hot forging integrated process
KR 20220077198	KOREA INSTITUTE OF PRODUCTION TECHNOLOGY	KR	Manufacturing method of beryllium free copper alloy using Metaheuristic
KR 20220055656	INC DAELIM IND	KR	Non-blister manufacturing method of aluminum alloy parts by die casting
KR 20220069601	ILGAHNG	KR	Separable core type die casting mold and die casting method using thereof
KR 20220068675	BOOGONG IND CO LTD	KR	Apparatus for manufacturing heat resisting small-diameter steel tube by centrifugal casting and control method of the same
WO 2022093447	NOVELIS INC	US	Functionally gradient aluminum alloy products and methods of making
KR 20220071798	JINYANG MACHINERY CO LTD	KR	Cooling system for low pressure casting apparatus
KR 20220071779	JINYANG MACHINERY CO LTD	KR	Apparatus for supplying molten metal of low pressure casting machine
KR 20220068328	HYUNDAI MOTOR CO LTD	KR	Aluminum alloy composition for die casting and method for heat treatment of aluminum alloy using it
WO 2022087863	CHEN SHUO	CN	Automatic feeding device of side hub cap injection molding machine
US 2022170138	GM GLOBAL TECH OPERATIONS LLC	US	Aluminum alloy for casting and additive manufacturing of engine components for high temperature applications
KR 20220057788	WOO JONG YE	KR	Al-Die casting alloy of bonded piston seal of automobile and manufacturing method thereof
KR 20220080404	SEA MECHANICS CO LTD	KR	Ingot automatic supply apparatus of die casting facility
DE 102020216056	BOSCH GMBH ROBERT	DE	Method and device for creating a piece of aluminium
DE 102020007981	OTTO VON GUERICKE UNIV MAGDEBURG KOERPERSCHAFT DES OEFFENTLICHEN RECHTS	DE	Process for the production of components from an aluminum matrix composite material and the component obtainable therefrom
KR 20220060998	KOREA INSTITUTE OF MAT SCIENCE	KR	Biodegradable magnesium alloy with high strength and high corrosion resistance and implants using the same

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Mecanizado

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022107201	STARTECHNO COMPANY LTD	JP	Workpiece machining device and ultrasonic machining apparatus equipped with same
WO 2022063777	VIGEL SPA	IT	Multi-axis machining center provided with mechanized tool magazine
JP 2022050031	MITSUBISHI CHEM CORP	JP	Cutting method
US 2022193822	MFG SERVICE SOLUTIONS LIMITED	GB	Gas mixer for cutting applications
US 2022118486	INNOVANEER INC	US	Laser System for Non-Contact and Selective Removal of Corrosion from Tubes Internal Surfaces
ES 2912039	UNIV SANTIAGO COMPOSTELA	ES	Glass processing
EP 4000801	CHEN SOUND IND CO LTD	TW	Drum-type tool magazine adaptive to multi-axis machining center
WO 2022107192	STARTECHNO COMPANY LTD	JP	Workpiece machining device, and ultrasonic machining apparatus provided with said workpiece machining device
WO 2022103246	NPS CO LTD	KR	Laser cutting system
EP 3984686	BYSTRONIC LASER AG	CH	Method, control unit and laser cutting system for combined path and laser process planning for highly dynamic real-time systems
WO 2022108482	LLC SPETSVENTRESHENIE	RU	Laser cutting machine with rigid attachment of a protective casing
US 2022161368	YOUNG JAMES C	US	Vegetation edger with laser and method
WO 2022108483	LLC SPETSVENTRESHENIE	RU	Laser cutting machine with radiation protection directly in the cutting zone
US 2022168849	GREAT COMPUTER CORP	TW	Method for laser processing packaging box
WO 2022063775	VIGEL SPA	IT	Multi-axis machining center with mechanized tool magazine
WO 2022117436	TRUMPF WERKZEUGMASCHINEN GMBH CO KG	DE	Laser cutting method for cutting out a workpiece part
WO 2022116181	NANJING LISHUI HIGH TECH VENTURE CAPITAL MAN CO LTD	CN	Clamping device for laser cutting machine
WO 2022093537	ROFIN SINAR TECH LLC	US	Laser cutting self-wrapping, split sleeves from continuous feed
WO 2022106875	ARCELORMITTAL	LU	Process and equipment to laser cut very high strength metallic material

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022131477	SAMSUNG DISPLAY CO LTD	KR	Method for laser cutting display materials and device for laser cutting display materials
EP 4015134	BYSTRONIC LASER AG	CH	Laser machining nozzle with riblets inside, and laser cutting machine with such nozzle
WO 2022108480	LLC SPETSVENTRESHENIE	RU	Laser cutting machine with access to the working region thereof
WO 2022093136	BAYKAL MAKINA SANAYI VE TICARET ANONIM SIRKETI	TR	Bridge and body embodiment for laser cutting machine
WO 2022108481	LLC SPETSVENTRESHENIE	RU	Laser cutting machine with spring-loaded shock absorbers
EP 4008504	REBEL DYNAMICS S R L	IT	Cutting assembly for machine for producing covering capsules for bottle tops, machine for producing covering capsules for bottle tops, and cutting method
WO 2022089910	TRUMPF WERKZEUGMASCHINEN GMBH CO KG	DE	Method and device for laser cutting by means of a laser beam guided in a multicore fibre, and associated computer-program product
US 2022152743	NPS CO LTD	KR	System and method for cutting film
WO 2022113837	SHT CORPORATION LTD	JP	Method for cutting electromagnetic steel sheet, and method for fabricating core
EP 3984688	BYSTRONIC LASER AG	CH	Method, computer program and laser cutting system for smart corner cutting
KR 20220068437	JUNG RAPHAEL	KR	Laser cutting method
EP 3995283	GERRESHEIMER REGENSBURG GMBH	DE	Laser cutting of microinjection moulded parts
US 2022161293	LACKS ENTPR INC	US	Laser ablated paint over surface treated chrome
US 2022193825	APPLE INC	US	Laser-based cutting of transparent components for an electronic device
WO 2022073044	UNIV SOUTH AFRICA	ZA	Method of producing a nanofluid using laser ablation, corresponding nanofluid and laser ablation system for manufacturing nanofluids
EP 4000792	GF MACHINING SOLUTIONS SA	CH	Laser ablation method for engraving a workpiece with a texture
US 2022184746	TAYLOR MADE GOLF CO	US	Laser ablation process and corresponding golf club head made by the same
JP 2022049994	TOKYO SEIMITSU CO LTD	JP	Laser processing method and device
EP 4015136	BOEING CO	US	Coating to enable laser removal of an outer livery on a composite substrate

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Conformado por Deformación

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
US 2022162722	HYUNDAI MOTOR CO LTD	KR	Hot stamping component and manufacturing method thereof
WO 2022127942	UNIV WUHAN	CN	Methods for laser-integrated additive manufacturing and connecting based on control of molten pool flow by pulsed laser
US 2022154305	HYUNDAI MOTOR CO LTD	KR	Hot Stamped Part and Method for Manufacturing the Same
US 2022111430	VOESTALPINE STAHL GMBH	AT	Method for stacking punched lamination elements to form lamination stacks
US 2022161307	ZHOU DAJUN	US	Stamping machine and method including variable binder gap
US 2022105554	WILLIAMSON SETH LELAND	US	Stamping Device for Sheet-Metal Ammunition Tray
DE 102020129484	ARDAGH METAL BEVERAGE EUROPE GMBH	CH	Method for producing a metal container
US 2022161360	HYUNDAI MOTOR CO LTD	KR	Hot-stamped article using a tailor welded blank method and a method of manufacturing the same
KR 20220057279	HYUNDAI STEEL CO LTD	KR	Hot stamping galvanized iron steel hot stamping product having iron-nickel alloy layer to prevent liquid metal embrittlement and method of manufacturing the same
KR 20220029287	SHIN YOUNG CO LTD	KR	Hybrid heating apparatus for hot stamping
KR 20220079295	HYUNDAI STEEL CO LTD	KR	Hot stamping coating steel sheet having excellent collision capacity and method of manufacturing the same
DE 102020132513	WINKELMANN POWERTRAIN COMPONENTS GMBH & CO KG	DE	Process for manufacturing a rotor shaft
DE 102020133114	VIBRACOUSTIC SE	DE	Rotatable component, tool and method for producing a rotatable component
DE 102020134557	FRAUNHOFER GES FORSCHUNG	DE	Method and device for the high-pressure shaping of workpieces

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Fabricación Aditiva

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022090983	UNIV DE COIMBRA	PT	Methods and apparatus for cognitive robotic additive manufacturing system based on the directed energy deposition (ded) technology
WO 2022099354	AMPRO INNOVATIONS PTY LTD	AU	Apparatus for direct metal deposition additive manufacturing
EP 4015987	LORTEK S COOP	ES	Height measuring system in laser metal depositions and corresponding measuring method
WO 2022107993	KOREA MARITIME UNIV IND ACAD	KR	Surface lamination method and surface lamination apparatus using direct energy deposition device without making pores between bead rows
WO 2022096600	CHIRON GROUP SE	DE	System for additive manufacturing with a handling unit and cleaning head
US 2022193776	DIVERGENT TECH INC	US	Hybrid processing of freeform deposition material by progressive forging
EP 4005706	SIEMENS AG	DE	Method for layered production of an object
WO 2022123174	SAFRAN	FR	Hybrid manufacturing process for producing a turbomachine component comprising an internal cooling circuit

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Pulvimetalurgia

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022083806	INSTITUTE OF PHYSICS OF MAT	CZ	Method of consolidating powders by volumetric forming
US 2022184694	MTC POWDER SOLUTIONS AB	SE	Hot isostatic pressing (hip) fabrication of multi-metallic components for pressure-controlling equipment
US 2022184695	CAMERON INT CORP	US	Hot isostatic pressing (hip) fabrication of multi-metallic components for pressure-controlling equipment

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Tecnologías de Unión

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
US 2022134484	BOSCH GMBH ROBERT	DE	Method and device for ascertaining the energy input of laser welding using artificial intelligence
WO 2022086061	LG ENERGY SOLUTION LTD	KR	Ultrasonic welding apparatus including rotatable anvil, and welding method using same
EP 3991909	SAMSUNG SDI CO LTD	KR	Laser welding method and laser welding device for secondary battery
US 2022181752	NEPTUNE SCOOTERS	US	Manufacturing a battery pack using a welding jig
WO 2022118591	NIPPON LIGHT METAL CO	JP	Rotating tool, bonding device, and bonding method
WO 2022076799	IPG PHOTONICS CORP	US	Beam shaping system in the process of laser welding
WO 2022085035	MAUS ITALIA SPA	IT	Orbital welding system for welding the joints of tubes of tube plates of heat exchangers
US 2022126392	HEALTH PRO SUPPLIES LTD	HK	Ultrasonic welding mold for mask machine capable of quickly changing customized patterns
US 2022184737	MAGNA INT INC	CA	Method and apparatus for applying an active joining force during laser welding of overlapping workpieces
WO 2022085669	FURUKAWA ELECTRIC CO LTD	JP	Laser welding method and laser welding device
DE 102020130325	HERRMANN ULTRASCHALLTECHNIK GMBH & CO KG	DE	Method for operating an ultrasonic welding machine
EP 3996129	NEXPERIA BV	NL	A semiconductor device and a method of manufacturing a semiconductor device
WO 2022092042	FANUC CORP	JP	Laser welding method for workpiece
US 2022120142	HALLIBURTON ENERGY SERVICES INC	US	Automatic cable and device deployment system
WO 2022113436	NIPPON LIGHT METAL CO	JP	Bonded member and method for manufacturing same
WO 2022095341	SHANGHAI INST OPTICS & FINE MECH CAS	CN	Laser welding and heat treatment method for high-strength steel
WO 2022075211	PANASONIC IP MAN CO LTD	JP	Laser welding method and laser welding device

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022075209	PANASONIC IP MAN CO LTD	JP	Laser welding method and laser welding device
WO 2022075208	PANASONIC IP MAN CO LTD	JP	Laser welding method and laser welding device
WO 2022102910	LG ENERGY SOLUTION LTD	KR	Battery pack having circuit board and electrode lead bonded directly to each other by laser welding method
WO 2022107700	AMADA CO LTD	JP	Side nozzle, laser welder, and laser welding method
DE 102020214758	BOSCH GMBH ROBERT	DE	Method for welding a component
US 2022105588	GE PREC HEALTHCARE LLC	US	Containers for retaining anesthetic agent and manufacturing methods thereof
JP 2022050856	AZBIL CORP	JP	Welding structure for thin tube and welding method for thin tube
KR 20220042684	LG ENERGY SOLUTION LTD	KR	Ultrasonic welding condition judging system including vibration measurement sensor and judging method using the same
KR 20220041427	LG ENERGY SOLUTION LTD	KR	Ultrasonic welding horn
KR 20220075771	SAEMYONG KORES CO LTD	KR	Manufacturing Method for Aluminum Alloy Battery Housing for Automobile Using Friction Stir Welding
KR 20220068555	LG ENERGY SOLUTION LTD	KR	Method of manufacturing battery cell using laser welding method and battery cell manufactured using the same
EP 4015126	GYS	FR	Tig-tack-welding method of two sheets or workpieces, corresponding welding method and welding station
KR 20220037769	CHANGKUMCORPORATION	KR	Welding apparatus with ultrasonic inspection function
US 2022161351	ESAB GROUP INC	US	Hyper-tig welding electrode
KR 20220043361	HWANG JI YUN	KR	Gas lens body structure for improved durability and efficient TIG welding
IT 202000007666	DOBRA VINSENT	IT	Protection head for tig torch
KR 20220075130	SUPER TIG WELDING CO LTD	KR	Apparatus for controlling the height of filler metal in TIG welding and method thereof

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Tratamientos Superficiales

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022108762	LAM RES CORP	US	Low resistivity contacts and interconnects
EP 3992330	PARTIX	BE	Powder coating method
EP 3988686	NADIR S R L	IT	Process for manufacturing a catalytic coating and device for heterogeneous catalysis
US 2022148802	THUSS RICHARD	US	Products and applications for the templated fabrication of materials using cold spray deposition
WO 2022080803	UP CHEMICAL CO LTD	KR	Thermally stable ruthenium precursor composition, and method for forming ruthenium-containing film
US 2022195599	ASM IP HOLDING BV	NL	Transition metal deposition method
US 2022178026	APPLIED MATERIALS INC	US	Carbon cvd deposition methods to mitigate stress induced defects
US 2022102284	FEI CO	US	Depositive shielding for fiducial protection from redeposition
WO 2022073176	APPLIED MATERIALS INC	US	Plasma-enhanced chemical vapor deposition processes for depositing passivation films on microelectronic structures
US 2022145461	HANSOL CHEMICAL CO LTD	KR	Rare earth precursor, method of preparing the same, and method of forming thin film using the same
US 2022122866	APPLIED MATERIALS INC	US	Magnetic holding structures for plasma processing applications
WO 2022077636	EASTERN SUPERCONDUCTING TECH SUZHOU CO LTD	CN	Mocvd reaction system and method for preparing rebco high-temperature superconducting tape
US 2022106681	HONDA MOTOR CO LTD	JP	Moisture governed growth method of atomic layer ribbons and nanoribbons of transition metal dichalcogenides
US 2022165852	APPLIED MATERIALS INC	US	Methods and apparatus for metal fill in metal gate stack
US 2022115227	CHANGXIN MEMORY TECH INC	CN	Semiconductor structure preparation process and semiconductor structure
KR 20220063907	HANSOL CHEMICAL CO LTD	KR	Rare earth precursors preparation method thereof and process for the formation of thin films using the same

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
KR 20220039318	EG CHEM	KR	4 New Group 4 organometallic precursor compound with excellent thermal stability manufacturing method thereof and thin film formation method using the same.
WO 2022108908	LAM RES CORP	US	Low resistance pulsed CVD tungsten
US 2022106333	AIR LIQUIDE AMERICAN	US	Indium precursors for vapor depositions
US 2022130647	EUGENE TECHNOLOGY CO LTD	KR	Batch type substrate processing apparatus
EP 4015135	FYZIKALNI USTAV AV CR V V I	CZ	A method and a device for assembly of a nanomaterial structure
KR 20220048638	HYUNSUNG TECH & CREATION CO LTD	KR	Method for preparation of metal oxide compound having room temperature superconductivity by using alternating target laser ablation deposition and metal oxide thin film using the method
KR 20220035628	CINOS CO LTD	KR	Coating method for semiconductor equipment using laser beam and metal powder and semiconductor equipment for semiconductor deposition processing having coating layer by this method
EP 4002017	COMADUR SA	CH	Anti-corrosion protection for timepiece magnets, in particular neodymium-iron-boron
DE 102020127662	AIXTRON SE	DE	Susceptor for a CVD reactor
US 2022157561	APPLIED MATERIALS INC	US	Apparatus and methods for controlling ion energy distribution
WO 2022129590	OERLIKON SURFACE SOLUTIONS AG PFAEFFIKON	CH	Altin-crn-based coating for forming tools
US 2022108886	APPLIED MATERIALS INC	US	Method of forming a 2-dimensional channel material using ion implantation
EP 4001453	SWATCH GROUP RES & DEV LTD	CH	Method for depositing a metal decorative and/or functional layer on a surface of an item made from an electrically non-conductive ceramic material
WO 2022114431	IUCF HYU ERICA CAMPUS	KR	Metal thermal spray method for electromagnetic wave-shielding concrete
JP 2022050520	SHINETSU CHEMICAL CO	JP	Film deposition apparatus and film deposition method
DE 102020215892	FRAUNHOFER GES FORSCHUNG	DE	Device for forming amorphous carbon layers on component surfaces having reduced surface roughness
US 2022154328	SUMITOMO HEAVY INDUSTRIES ION TECH CO LTD	JP	Insulating structure, method for manufacturing insulating structure, ion generation device, and ion implanter
WO 2022117387	FORSCHUNGSVERBUND BERLIN EV	DE	Method for producing an oxide crystal having a perovskite structure

Nº DE PUBLICACIÓN	SOLICITANTE	PAÍS DEL SOLICITANTE	TÍTULO
WO 2022118834	ADEKA CORP	JP	Indium compound, raw material for forming thin film, thin film, and method for producing same
WO 2022114782	LAKE MAT CO LTD	KR	Tantalum compound, preparation method therefor, and tantalum-containing thin film deposition composition comprising same
WO 2022087594	UNIV MINNESOTA	US	Solid source metal-organic molecular beam epitaxy for depositon of ultra-low vapor pressure metals and metal oxides
WO 2022103266	LEVITECH B V	NL	Multi-chamber apparatus and method for ALD
WO 2022107769	ADEKA CORP	JP	Method for manufacturing thin film
KR 20220026269	ICHEMS CO LTD	KR	Deposition method of molybdenum-containing thin films and molybdenum-containing thin films manufactured thereby
KR 20220047430	WONIK MAT CO LTD	KR	A new ruthenium precursors preparation method thereof raw material containing the ruthenium precursors and process for the formation of high purity thin ruthenium films using thereof
US 2022139713	ASM IP HOLDING BV	NL	Molybdenum deposition method
US 2022145451	TOKYO ELECTRON LTD	JP	Method and apparatus for forming ruthenium film
KR 20220037268	HANWHA CORP	KR	Anti-Pollution Method of Substrate Processing Apparatus
US 2022139662	AXCELIS TECH INC	US	Etching aluminum nitride or aluminum oxide to generate an aluminum ion beam
EP 4006194	KUZANIA JAWOR S A	PL	Method of selective pvd deposition of multi-functional coatings for the purpose of improving the durability of forging tools
KR 20220075082	WONIK MATERIALS CO LTD	KR	Method for selectively depositing Ruthenium thin film
KR 20220060818	UNIV SEJONG IND ACAD COOP FOUN	KR	Tunsten precursor method and apparatus for deposition of tungsten film using the same
KR 20220058213	SAMSUNG SDI CO LTD	KR	Organic metal compound composition for depositing thin film comprising the organic metal compound manufacturing method for thin film using the composition thin film manufactured from the composition and semiconductor device including the thin film
KR 20220058214	SAMSUNG SDI CO LTD	KR	Organic metal compound composition for depositing thin film comprising the organic metal compound manufacturing method for thin film using the composition thin film manufactured from the composition and semiconductor device including the thin film

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KR 20220058191	SOULBRAIN CO LTD	KR	Group 3 metal precursor compound and preparing method of thin film containing metal using the same
KR 20220071930	LAKE MAT CO LTD	KR	Tantalum compound preparation method thereof and composition for tantalum-containing thin film deposition comprising the same
KR 20220073275	OCEAN BRIDGE CO LTD	KR	Metal precursor compound and deposition method for preparing film using the same
KR 20220058190	SOULBRAIN CO LTD	KR	Group 3 metal precursor and thin film containing metal
JP 2022068022	GAS-PHASE GROWTH LTD	JP	Forming method, forming material, and new compound
US 2022127724	ASM IP HOLDING BV	NL	Method of depositing vanadium metal, structure, device and a deposition assembly

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NOTICIAS

PUBLICACIÓN DEL INFORME "LA OEPM EN CIFRAS 2021"



La Oficina Española de Patentes y Marcas, O.A. (OEPM) ha hecho públicos los datos y cifras de patentes, modelos de utilidad, marcas, nombres comerciales, diseños e Informes Tecnológicos de Patentes (ITP), relativos al año 2021, en su informe anual denominado "La OEPM en cifras".

Las fuentes utilizadas para la elaboración del folleto corresponden a las Bases de Datos de la OEPM, así como de la Oficina Europea de Patentes (OEP), la Organización Mundial de la Propiedad Intelectual (OMPI) y la Oficina de Propiedad Intelectual de la Unión Europea (EUIPO).

Más información

La OEPM en cifras 2021

ELENA GARCÍA ARMADA, PREMIO POPULAR AL INVENTOR EUROPEO 2022

El pasado 21 de junio de 2022, la Oficina Europea de Patentes (EPO) dio a conocer los ganadores de la decimosexta edición de los Premios al Inventor Europeo, galardones que cada año concede a personas destacadas en Europa y fuera de ella que, con sus innovaciones, contribuyen al desarrollo tecnológico, al crecimiento económico y a la mejora de la sociedad.



La investigadora del Consejo Superior de Investigaciones Científicas (CSIC), Elena García Armada, recibió el Premio Popular al Inventor Europeo 2022 por su pionero exoesqueleto adaptable. El exoesqueleto permite caminar a los niños en silla de ruedas durante las sesiones de rehabilitación y reduce la degradación muscular y las complicaciones médicas. La investigadora del CSIC recibe así uno de los reconocimientos internacionales más relevantes en el ámbito de la innovación.

Más información

Premios al Inventor Europeo

1ª EDICIÓN DE LOS PREMIOS A LA MEJOR INVENCIÓN PROTEGIDA POR PROPIEDAD INDUSTRIAL

El pasado 1 de junio se celebró la gala de entrega de galardones de la Primera Edición de los Premios a la Mejor Invención Protegida por Propiedad Industrial, convocada por la Oficina Española de Patentes y Marcas, O.A. (OEPM), en los jardines de la sede madrileña de la Escuela de Organización Industrial (EOI).



El acto fue presidido por la Sra. Ministra de Industria, Comercio y Turismo, Reyes Maroto Illera, acompañada del Subsecretario del Ministerio y Presidente de la OEPM, Pablo Garde Lobo. Ambos destacaron la importancia de la Propiedad Industrial como activos intangibles, y el compromiso del gobierno por la innovación.

El objetivo de estos premios es distinguir la protección de resultados de investigación mediante Patentes y Modelos de Utilidad concedidos en el año 2020 por la OEPM, reconociendo así públicamente el valor de la I+D española protegida y posicionada competitivamente en el mercado. Con todo ello, el fin último perseguido no es otro que el de apoyar y fomentar la actividad investigadora, científica y tecnológica y premiar el carácter innovador de nuestros inventores como motor del desarrollo tecnológico de nuestra sociedad.

Más información

