

Boletín VT

REDES DE SENSORES INALÁMBRICAS

37

1.º trimestre 2019

Vigilancia Tecnológica

Desde su aparición, los campos de aplicación de las redes de sensores inalámbricos se han ido ampliando de forma constante. La posibilidad de crear extensas plataformas de gestión integrada para la monitorización, captura de datos, y control remoto y en tiempo real mediante estas redes sensoriales, ha proporcionado una poderosa herramienta para el desarrollo de aplicaciones y servicios en sectores económicos tan diversos como el agrícola, el industrial o el de la administración pública.

El presente boletín, elaborado por la Unidad de Información Tecnológica de la Oficina Española de Patentes y Marcas (OEPM), pretende revisar la evolución de la innovación, en el marco de las patentes de las tecnologías TIC en relación con algunas de las aplicaciones más relevantes abordadas por las redes de sensores

inalámbricas, tales como: su uso en entornos agrícolas (gestión de cultivos, plagas, invernaderos, regadíos), su uso en entornos urbanos o públicos (seguridad ciudadana, infraestructuras, gestión de información medioambiental, polución, residuos) o su uso para la detección y gestión de incendios.

De este modo, el boletín, de periodicidad trimestral, recogerá las publicaciones más recientes de solicitudes internacionales de patente (solicitudes PCT) publicadas en el trimestre inmediatamente anterior a su elaboración. Se ha restringido el ámbito de este boletín a solicitudes PCT por considerarse que al ser estas solicitudes con las que las empresas pretenden proteger sus invenciones en distintos países, se corresponden con invenciones de una cierta relevancia tecnológica.

CONTENIDO:

- Redes de sensores para entornos agrícolas
- Redes de sensores para entornos urbanos o públicos
- Redes de sensores para detectar incendios
- Otras referencias

NIPO: 116-19-015-9

Solicitudes de Patente Publicadas

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

REDES DE SENSORES PARA ENTORNOS AGRÍCOLAS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2018219942 A1	INSTITUT NATIONAL DE LA RECH AGRONOMIQUE INRA	Phenotyping apparatus
WO 2018231460 A1	GROW SOLUTIONS TECH LLC	Systems and methods for bypassing harvesting for a grow pod
WO 2018231524 A1	GROW SOLUTIONS TECH LLC	Systems and methods for providing an external notification of a grow pod status
WO 2018236272 A1	DELAVAL HOLDING AB	Arrangement, method and measurement indicator for urea determination
WO 2019027771 A1	PREC PLANTING LLC	Pressure measurement module
WO 2018226144 A1	DELAVAL HOLDING AB	Control system for a rotary milking parlor and method of controlling a rotary milking parlor
WO 2018231516 A1	GROW SOLUTIONS TECH LLC	Systems and methods for managing a weight of a plant in a grow pod
WO 2018236298 A1	TUERK TRAKTOER VE ZIRAAT MAKINELERI A S	Control system and method for agricultural tractors
WO 2019022596 A1	PROTI FARM R & D B V	Method and system for controlling the climate of an insect rearing climate area
WO 2019025317 A1	PHILIPS LIGHTING HOLDING BV	Dimming method for constant light intensity
WO 2018225107 A1	CYNOMYS S R L	Network of iot sensors for monitoring harmful gas in animal stables
WO 2018231498 A1	GROW SOLUTIONS TECH LLC	Bed seed holder for grow pod
WO 2019002545 A1	KVERNELAND GROUP LES LANDES GENUSSON S A S	Method for controlling operation of an agricultural system and agricultural system
WO 2019004902 A1	DELAVAL HOLDING AB N V	Control of a milking station
WO 2019009700 A1	NEDERLANDSCHE APPARATENFABRIEK NEDAP	Method and system for monitoring the development of animals
WO 2019049130 A1	COTTLAB LTD	Self-propelled robotic harvester for selective picking of high quality agriculture row crops
WO 2019002880 A1	OBSERVE TECH LIMITED	Data collection system and method for feeding aquatic animals
WO 2019004819 A1	LELY PATENT NV	Milking system
WO 2019007520 A1	SELEGGT GMBH	Method for producing chicken including determining the gender of chicken embryo's
WO 2019023261 A2	BOEREMA MARTIN	Aqueous grow chamber recirculating nutrient control system and sensor calibration
WO 2019025241 A1	BOSCH GMBH ROBERT	Method for determining the orientation of a robot, orientation determination apparatus of a robot, and robot

WO 2019029904 A1	ARCELIK AS	Liquid leakage detection method in plant growing cabinets
WO 2019025301 A1	PHILIPS LIGHTING HOLDING BV	Wake up light optimization for plant growth
WO 2019050944 A1	PREC PLANTING LLC	Targeted fluid/solid dispensing based on sensed seed data or sensed plant data
WO 2018231461 A1	GROW SOLUTIONS TECH LLC	Systems and methods for molecular air control in a grow pod
WO 2018231369 A1	GROW SOLUTIONS TECH LLC	Systems and methods for providing air flow in a grow pod
WO 2019020694 A1	BIOGENTS AG	Method and system for recording and/or monitoring populations of insects
WO 2019005742 A1	ACUITUS AG INC	Computer platform for controlling agricultural assets
WO 2019035937 A1	FRANKLIN ROBOTICS INC	Inertial collision detection method for outdoor robots
WO 2018222261 A1	FLORIDA ATLANTIC UNIV BOARD OF TRUSTEES	Systems and methods for federated power management
WO 2019005899 A1	NOLAN PATRICK L	Automated scent training
WO 2019022594 A1	HANSKAMP AGROTECH B V	Toilet for cattle, in particular for cow
WO 2018231314 A1	GROW SOLUTIONS TECH LLC	Devices and systems for providing and using crop control hardware in a master controller in an assembly line grow pod
WO 2018231433 A1	GROW SOLUTIONS TECH LLC	Systems and methods for determining seed levels in a grow pod
WO 2019025323 A1	AGRI ADVANCED TECH GMBH	Method and apparatus for processing an eggshell in the region of the blunt pole of an avian egg
WO 2019039954 A1	FARTUKOV VASILY ALEXANDROVICH	Smart modular variable watering system
WO 2018224291 A1	ARCELIK AS	A plant growing cabinet in which light intensity is controlled
WO 2018232727 A1	GU YUZHONG	Greenhouse temperature and humidity monitoring system
WO 2019021313 A1	CAPITAWORLD PLATFORM PRIVATE LTD	A monitoring and prediction system for agricultural loan-insurance and method thereof
WO 2019023312 A1	CNH IND AMERICA LLC	Harvester combine header lifting power unit
WO 2018223238 A1	HERBO TECH INC	Method and apparatuses for autonomous hydroponic culture
WO 2018230620 A1	MOMO LTD	Program, method, information processing device, and server device
WO 2018231503 A1	GROW SOLUTIONS TECH LLC	System for removing contaminated seeds or plants
WO 2018231463 A1	GROW SOLUTIONS TECH LLC	Systems and methods for harvesting plants
WO 2018231558 A1	GROW SOLUTIONS TECH LLC	Systems for providing an assembly line grow pod
WO 2019032648 A1	INDIGO AG INC	Machine learning in agricultural planting, growing, and harvesting contexts
WO 2019035756 A1	DELAVAL HOLDING AB	Method and system for fodder administration
WO 2018231324 A1	GROW SOLUTIONS TECH LLC	Industrial cart and system with means for communicating with an industrial cart
WO 2018231513 A1	GROW SOLUTIONS TECH LLC	Systems and method for recycling heat in a grow pod
WO 2019021265 A1	MULLER YOAV	System and methods for controlling animals populations
WO 2019027709 A1	VALMONT INDUSTRIES	System and method for variable rate irrigation wind control and compensation
WO 2019051261 A1	BABYLON MICRO FARMS INC	Automated hydroponic growing appliance
WO 2019016807 A1	I DRIPPER LTD	Soil water potential effector apparatus and uses thereof
WO 2019021962 A1	SHARP KK	Weight scale, weight measurement method, and animal toilet

WO 2019009469 A1	HWANG SEUL LI	Tongs-type fumigator
WO 2019033158 A1	RUBICON RES PTY LTD	Method and system for water distribution and soil moisture determination
WO 2019035340 A1	TANAKA SUIKO	Plant cultivation system
WO 2019001885 A1	BOSCH GMBH ROBERT	Conveying system for conveying agricultural produce or material and method for controlling said conveying system
WO 2019013995 A1	MONSANTO TECHNOLOGY LLC	Yield monitoring systems and methods
WO 2019036532 A1	ADAMS LAND & CATTLE CO	Livestock sorting facility
WO 2018231850 A1	AMBER AGRICULTURE INC	System and method for monitoring storage conditions in particulate goods
WO 2019011409 A1	HONEDER PETER	Sensor with sensor electronic unit for emitting transmission data
WO 2018231521 A1	GROW SOLUTIONS TECH LLC	Systems and methods for determining harvest timing for plant matter within a grow pod
WO 2018231492 A1	GROW SOLUTIONS TECH LLC	System and method for measuring plant growth
WO 2019031181 A1	YANMAR CO LTD	Fruit growth monitoring system and fruit growth monitoring method
WO 2018231409 A1	GROW SOLUTIONS TECH LLC	System and method for testing contaminants in a grow pod
WO 2019004344 A1	KUBOTA KK	Working vehicle
WO 2019000040 A1	UNIV GRIFFITH	A sensor
WO 2018234424 A1	JANSSEN PHARMACEUTICA NV	Device for generating ultra pure 1-methylcyclopropene
WO 2019023642 A1	LAYTON KEVIN	Systems and methods for atmospheric vapor observation
WO 2018231443 A2	GROW SOLUTIONS TECH LLC	Systems and methods for using water as a ballast in an assembly line grow pod
WO 2018219942 A1	INSTITUT NATIONAL DE LA RECH AGRONOMIQUE INRA	Phenotyping apparatus
WO 2018231460 A1	GROW SOLUTIONS TECH LLC	Systems and methods for bypassing harvesting for a grow pod
WO 2018231524 A1	GROW SOLUTIONS TECH LLC	Systems and methods for providing an external notification of a grow pod status
WO 2018236272 A1	DELAVAL HOLDING AB	Arrangement, method and measurement indicator for urea determination
WO 2019027771 A1	PREC PLANTING LLC	Pressure measurement module

[...ver más](#)

REDES DE SENSORES PARA ENTORNOS URBANOS O PÚBLICOS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2019054949 A1	SMARTCLEAN TECH PTE LTD	System and method for predictive cleaning
WO 2018225030 A1	SENSE SQUARE S R L S	Atmospheric pollution source mapping and tracking of pollutants by using air quality monitoring networks having high space-time resolution
WO 2019007494 A1	BOSCH GMBH ROBERT	Insect trapping apparatus
WO 2019007497 A1	CMC S R L	Non-intrusive vibrational method and apparatus of a centralized system for water distribution network pipelines' leak detection and monitoring
WO 2019051577 A1	LEONARD JEREMY	Autonomous submersible pump
WO 2019030786 A1	TARELLI RICCARDO	Multifunctional gateway for security access
WO 2019028195 A1	SUBRAMANYA BALU	Advanced parking management system
WO 2019031006 A1	SONY CORP	Information processing apparatus, information processing method, and program
WO 2018231188 A1	INVENTION DEVELOPMENT MAN COMPANY LLC	Spectator-based event security
WO 2019036022 A2	LOGICINK CORP	Sensing of markers for airborne particulate pollution by wearable colorimetry
WO 2019050348 A1	SAMSUNG ELECTRONICS CO LTD	Method for random access based on mobility and apparatus thereof
WO 2018224373 A1	BOSCH GMBH ROBERT	Method and apparatus for measuring an air quality
WO 2019012418 A1	DROOPLE SARL	Water consumption management system
WO 2019020455 A1	BASF SE	A city pollution environment simulation apparatus
WO 2018225776 A1	ALLIED TELESIS HOLDINGS KK	Monitoring system and detecting device
WO 2019027701 A1	INDUSTRIAL SCIENT CORPORATION	Systems and methods for evaluating toxic gas sensors using electrochemical impedance spectroscopy
WO 2019038759 A1	RAIL VISION LTD	System and method for multiple and dynamic meteorological data sources
WO 2019035950 A1	SOTER TECH LLC	System and method for identifying vaping and bullying
WO 2018221849 A2	AURORA DESIGN LAB CO LTD	Streetlight control system
WO 2019022607 A1	TNO	A particle detection device and a method for detecting airborne particles
WO 2019027367 A1	NAT UNIV SINGAPORE	Barometric instrument and method
WO 2019026454 A1	OMRON TATEISI ELECTRONICS CO	Data generation device, data generation method, and program
WO 2019039507 A1	TOSHIBA KK	Smart camera, image processing device, and data communication method
WO 2019028528 A1	BUCHER MUNICIPAL PTY LTD	A refuse collection system
WO 2018224056 A1	ECOPETROL SA	System with multiple sensors manufactured with special materials for applications in the presence of hydrocarbons and wastewater and procedure for remote monitoring, control and follow-up of water quality parameters with real-time transmission and processing of continuous data
WO 2019027598 A1	INTEL CORP	Methods and apparatus for providing over-the-air updates to internet-of-things sensor nodes

WO 2019039655 A1	BACKSAN L&T CO LTD	Dimming led street light device
WO 2019006017 A1	CAUBEL JULIEN J	Instrument for measuring airborne particulate matter
WO 2018231165 A2	EKIN TEKNOLOJI SANAYI VE TICARET ANONIM SIRKETI	A system for the monitoring and security of the environment

[...ver más](#)

REDES DE SENSORES PARA DETECTAR INCENDIOS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2018222528 A1	CARRIER CORP	Semiconductor film and phototube light detector
WO 2019027328 A1	RIGHTDIRECTION AS	Escape assisting method and system
WO 2019045160 A1	DAON CO LTD	Automatic fire extinguishing apparatus integrated with receiving unit
WO 2019001666 A1	VESTAS WIND SYS AS	Smoke validation process for wind turbines
WO 2018227117 A1	TYCO FIRE & SECURITY GMBH	Prediction of false alarms in sensor-based security systems
WO 2018226128 A1	GORYACHENKOV DMITRY ANATOLYEVICH	Video camera for the early detection of a wildfire
WO 2018227150 A1	CORRENTI MATTHEW DANIEL	System and method for aiding responses to an event detected by a monitoring system
WO 2018225893 A1	KIM BYUNG YUL	Fire extinguishing capsule and capsule-type fire extinguishing device including same
WO 2018235922 A1	KK CFP	Automatic fire-extinguishing device and automatic fire-extinguishing method
WO 2019021041 A1	SIXTH ENERGY TECH PVT LTD	Internet of things (iot) based integrated device to monitor and control events in an environment
WO 2019035505 A1	Y TECH CO LTD	Fire detectors linked by mesh network and a method for installing fire detectors
WO 2019018894 A1	TERRA15 PTY LTD	Distributed optical sensing systems and methods
WO 2019026518 A1	MORITA MIYATA CORP	Fire identification device
WO 2019032342 A1	ODONNELL DANIEL	System for evaluation of colorimetric wavelength changes on a chemically impregnated media for the detection of gases
WO 2018222905 A1	GONZALES ERIC V	Smoke device and smoke detection circuit
WO 2019017782 A1	UNICA FIRE SAFETY B V	Sprinkler system
WO 2019017797 A1	PRAESIDIO TOTALIS AS	Fire detection and prevention system and method
WO 2019000080 A1	PEROS STEVEN WALTER	Method and apparatus for monitoring building alarm systems
WO 2018222140 A1	NAT UNIV SINGAPORE	Method and apparatus for deriving and/or controlling individual comfort parameters
WO 2019009089 A1	NEC CORP	System and method for determining event

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2019051221 A2	FALBAUM ERICA	Interactive pet toy and system
WO 2019055117 A1	HRL LAB LLC	Independent component analysis of tensors for sensor data fusion and reconstruction
WO 2019055054 A1	ELUTIONS INC	Systems and methods for managing resource consumption
WO 2019011534 A1	DRAEGERWERK AG & CO KGAA	Device for moisture and partial separation for a gas sensor, gas sensor and gas warning or gas concentration measuring instrument comprising a device of this kind
WO 2019023366 A1	WEATHERFORD TECH HOLDINGS LLC	Internet of things gateway systems and methods for oil and gas fields
WO 2019001667 A1	VESTAS WIND SYS AS	Detecting water on a wind turbine using a temperature-controlled sensor
WO 2019009815 A1	TAJFUN PLANINA PROIZVODNJA STROJEV D O O	Information system for monitoring of efficiency of operation of appliances used in logistics and processing of logs
WO 2019012346 A1	UNIV KING ABDULLAH SCI & TECH	Compliant, lightweight, non-invasive, standalone tagging system for marine exploration and method
WO 2019042540 A1	ERICSSON TELEFON AB L M	Reconfiguration of communications devices
WO 2019025949 A1	WINDSTACK IVS	Method for controlled sharing of wind farms and wind turbines data, data analysis algorithms, and results of data analysis
WO 2019028269 A2	STRONG FORCE IOT PORTFOLIO 2016 LLC	Methods and systems for detection in an industrial internet of things data collection environment with large data sets
WO 2019046764 A1	ARTIS CONSULTING L P	System and method for iot device signal simulation
WO 2018221948 A1	XEONET CO LTD	Method for process management through big data analysis
WO 2018233865 A1	DIEHL METERING S A S	Method and system for collecting sensor data
WO 2019027679 A1	QUALCOMM INC	Assisted node-to-node communication link operations in a wireless network
WO 2019025769 A1	THE VALIDATION CENTRE TVC LTD	A welding dosimeter with one or more sensors, a welding mask and a system for monitoring exposure to hazardous products produced when welding with such welding dosimeter
WO 2019046047 A1	COMMSCOPE TECHNOLOGIES LLC	Systems and methods for wireless communication within a base station antenna structure
WO 2018231788 A1	CREE INC	Intelligent lighting module for a lighting fixture
WO 2019002091 A1	TRUMPF WERKZEUGMASC HINEN GMBH CO KG	Machine tool having a plurality of sensors
WO 2019022854 A1	NEC LAB AMERICA INC	Data2data: deep learning for time series representation and retrieval
WO 2019032588 A1	ZOOX INC	Vehicle sensor calibration and localization
WO 2019045890 A1	QUALCOMM INC	Use of directionality to reduce flooding in a wireless mesh network
WO 2019040558 A1	LOCIX INC	Systems and methods for precise radio frequency localization using time difference of arrival
WO 2019042945 A1	BLACKBERRY LTD	Method and system for load balancing of sensors
WO 2019046336 A1	SHOOF TECH INC	Collaborative sensor network
WO 2018226806 A1	WALMART APOLLO LLC	Systems and methods for delivering retail items
WO 2018227525 A1	HUANG WEILIN	Smart supermarket customer traffic management system
WO 2019026602 A1	OMRON TATEISI ELECTRONICS CO	Sensing device management apparatus
WO 2019035051 A1	CARRIER CORP	Wireless climate control system
WO 2019049118 A1	GOPALAKRISHNA N MURALIDHARAN	Automated wireless apparatus for real-time emergency support
WO 2019049356 A1	HITACHI LTD	Information processing system
WO 2019009336 A1	AGC INC	Sensor module and protective glass
WO 2019026653 A1	OMRON TATEISI ELECTRONICS CO	Search data generation device

WO 2019053628 A2	HEFRING EHF	Methods and systems for wave slam monitoring
WO 2019030708 A1	3M INNOVATIVE PROPERTIES CO	Fall arresting device event generation and monitoring
WO 2019039869 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and operation control method thereof
WO 2019043744 A1	HITACHI LTD	System and method for assisting operation of solution
WO 2019036150 A1	QUALCOMM INC	Random access procedure with cross band downlink/uplink pairing
WO 2019043484 A1	IBM	Cognitive energy assessment by a non-intrusive sensor in a thermal energy fluid transfer system
WO 2018236816 A1	WALMART APOLLO LLC	Systems and methods to track commercial product slotting events at warehouses
WO 2019005581 A1	CISCO TECH INC	Radio sensor coverage estimation for wireless network assurance
WO 2019025998 A1	UNIV NACIONAL DE COLOMBIA	Device for acquiring data in bodies of water
WO 2019035877 A2	BLUE SKIES HOLDINGS LLC D/B/A BLUE SKIES OCEAN SYSTEMS	System and method for detecting threats to maritime commercial assets, the environment and coastal industrial/commercial infrastructure
WO 2019043619 A1	3M INNOVATIVE PROPERTIES CO	Respirator
WO 2019018852 A1	PICARDI ROBERT NATHAN	System and method for water leak detection
WO 2019046721 A1	BLOCKS SAFE HOLDINGS INC	Platform for facilitating connectivity of smart firearms
WO 2019026708 A1	OMRON TATEISI ELECTRONICS CO	Sensor management unit, sensor apparatus, sensing data provision method, and sensing data provision program
WO 2019040556 A1	LOCIX INC	Systems and methods for adaptively selecting distance estimates for localization of nodes based on error metric information
WO 2019044955 A1	NTN TOYO BEARING CO LTD	Noise removal method of state monitoring device, and state monitoring device
WO 2019008707 A1	FUJITSU LTD	Control device for wireless network, control method for wireless network, and communication system
WO 2019027854 A1	SCHLUMBERGER TECHNOLOGY CORP	Simultaneous distributed measurement monitoring over multiple fibers
WO 2019026710 A1	OMRON TATEISI ELECTRONICS CO	Sensor management unit, sensing data distribution system, sensing data evaluation method, and sensing data evaluation program
WO 2019031162 A1	OMRON TATEISI ELECTRONICS CO	Sensor management unit, sensor device, sensor management method, and sensor management program
WO 2019040559 A1	LOCIX INC	Systems and methods for providing communications with an improved network frame structure architecture within wireless sensor networks
WO 2019026791 A1	ROHM CO LTD	Vibration-sensitive module
WO 2019042891 A1	TRIDONIC GMBH & CO KG	Communication module and lighting bus system having a network interface
WO 2019016216 A1	PHILIPS LIGHTING HOLDING BV	Controlling end nodes of a low-power wide area network
WO 2019022785 A1	BLUEFOX INC	Protected pii of mobile device detection and tracking cross-reference to related applications
WO 2019031283 A1	OMRON TATEISI ELECTRONICS CO	Sensor management unit, sensor device, sensing data management method, and sensing data management program
WO 2019036729 A1	BAE SYS INF & ELECT SYS INTEG	Self-configuring sensor array
WO 2019026541 A1	OMRON TATEISI ELECTRONICS CO	Sensor management device, position estimation system, position estimation method and position estimation program
WO 2019026709 A1	OMRON TATEISI ELECTRONICS CO	Sensor management unit, sensor device, sensor management method, and sensor management program
WO 2018226947 A1	WALMART APOLLO LLC	Systems, devices, and methods for monitoring packages with affixed sensors
WO 2018227281 A1	ADVANCED OPTO MECHANICAL SYSTEMS AND TECH INC	Multi-parameter distributed fiber optic sensor system and methods of sensor manufacturing
WO 2019001597 A2	INSTITUCION UNIV SALAZAR Y HERRERA	System for monitoring and providing assistance to a user in an enclosed space
WO 2019018414 A1	SAFEWORKS LLC	Climb assist velocity control

WO 2019028399 A1	MEDCISION INC	Systems, devices, and methods for automated thawing of bag-format storage vessels
WO 2018236531 A1	GEN ELECTRIC	Methods and systems to identify smart sensor locations by application of physical stimulus
WO 2019015421 A1	MIDEA GROUP CO LTD	Computer-based platform for quality management of home devices, including knowledge extraction
WO 2019014605 A1	EBTRON INC	Airstream sensor devices, systems and methods
WO 2019018714 A1	WALMART APOLLO LLC	Improvements in shipping accuracy
WO 2019051221 A2	FALBAUM ERICA	Interactive pet toy and system
WO 2019055117 A1	HRL LAB LLC	Independent component analysis of tensors for sensor data fusion and reconstruction

¡¡Por sólo 500€ añada 150 especialistas* a su Equipo de I+D!!



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

Gamesa



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

GRIFOLS 75



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

CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



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

Real Casa de la Moneda
Fábrica Nacional de Moneda y Timbre



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

** Los Informes Tecnológicos de Patentes o ITPs son estudios a la medida que incluyen una búsqueda de patentes y de literatura científica con un análisis en profundidad de los documentos más relevantes. Su coste es de 440 euros más IVA.