

# Boletín VT

## REDES DE SENSORES INALÁMBRICAS

# 20

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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

## 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

<a href="#">WO 2014195302 A1</a> <a href="#">20141211</a>	CNH IND BELGIUM NV	SIGNAL PROCESSING METHOD OF A BALE CHAMBER LOAD SIGNAL
<a href="#">WO 2014195314 A1</a> <a href="#">20141211</a>	CNH IND BELGIUM NV	LOAD SENSOR FOR AN AGRICULTURAL BALER
<a href="#">WO 2014172116 A1</a> <a href="#">20141023</a>	CATERPILLAR INC	EROSION MONITORING SYSTEM FOR GROUND ENGAGING TOOL
<a href="#">WO 2014149152 A1</a> <a href="#">20140925</a>	CNH AMERICA LLC	SYSTEM AND METHOD FOR DETERMINING A LOCATION OF AN UNLOADED UNIT OF AGRICULTURAL PRODUCT AND LOCATING A DESIRED UNIT OF AGRICULTURAL PRODUCT
<a href="#">WO 2014153157 A1</a> <a href="#">20140925</a>	PREC PLANTING LLC	SYSTEMS, METHODS, AND APPARATUS FOR AGRICULTURAL IMPLEMENT TRENCH DEPTH CONTROL AND SOIL MONITORING
<a href="#">WO 2014159091 A1</a> <a href="#">20141002</a>	AQUAHARVEST TECHNOLOGIES INC	LED LIGHT TIMING IN A HIGH GROWTH, HIGH DENSITY, CLOSED ENVIRONMENT SYSTEM
<a href="#">WO 2014188273 A2</a> <a href="#">20141127</a>	ACCELERENZ LTD	SENSOR APPARATUS AND ASSOCIATED SYSTEMS AND METHODS
<a href="#">WO 2014148888 A1</a> <a href="#">20140925</a>	NGES HOLDING BV	ILLUMINATION DEVICE FOR STIMULATING PLANT GROWTH
<a href="#">WO 2014179663 A1</a> <a href="#">20141106</a>	VALMONT INDUSTRIES	VARIABLE-SPEED IRRIGATION SYSTEM HAVING AN EXTENSION ARM
<a href="#">WO 2014172559 A1</a> <a href="#">20141023</a>	UPSTART SYSTEMS CORP	AQUATIC-BASED SYSTEMS HAVING A WIRELESS MESH NETWORK
<a href="#">WO 2014183042 A1</a> <a href="#">20141113</a>	CNH IND AMERICA LLC	CONTROL ARCHITECTURE FOR MULTI-ROBOT SYSTEM
<a href="#">WO 2014150228 A1</a> <a href="#">20140925</a>	IMBS HOLDINGS LLC	AUTOMATED MONITORING OF COMPLIANCE IN AN EGG FARM BASED ON EGG COUNTS
<a href="#">WO 2014172393 A1</a> <a href="#">20141023</a>	NEST LABS INC	SELECTIVE EXECUTION OF SCHEDULED OPERATIONS BY AN INTELLIGENT CONTROLLER
<a href="#">WO 2014129966 A1</a> <a href="#">20140828</a>	BIOMACHINES PTE LTD	DATA LOGGER AND SENTINEL PLATFORM FOR SENSOR NETWORK
<a href="#">WO 2014162030 A1</a> <a href="#">20141009</a>	UNIV POLITÉCNICA DE MADRID	URBAN CULTIVATION SYSTEM
<a href="#">WO 2014174758 A1</a> <a href="#">20141030</a>	PANASONIC INTELLECTUAL PROPERTY MAN CO LTD	DEVICE AND METHOD FOR HYDROPONICS
<a href="#">WO 2014153626 A2</a> <a href="#">20141002</a>	UNIV LEUVEN KATH	AUTOMATED MONITORING OF ANIMAL NUTRIMENT INGESTION
<a href="#">WO 2014179488 A1</a> <a href="#">20141106</a>	PREC PLANTING LLC	APPLICATION CONTROL AND MONITORING APPARATUS, SYSTEMS AND METHODS
<a href="#">WO 2014151025 A2</a> <a href="#">20140925</a>	RAVEN IND INC	REMOTE MOISTURE SENSOR AND METHODS FOR THE SAME
<a href="#">WO 2014174015 A1</a> <a href="#">20141030</a>	ZIM PLANT TECHNOLOGY GMBH	SENSOR SYSTEM FOR THE CONTINUOUS REAL-TIME DETECTION OF THE WATER CONTENT IN MOISTURE-CARRYING LAYERS THAT ARE SUBJECT TO DRYING OUT
<a href="#">WO 2014150115 A2</a> <a href="#">20140925</a>	I4C INNOVATIONS INC	MULTIPLE SENSORS FOR MONITORING HEALTH AND WELLNESS OF AN ANIMAL
<a href="#">WO 2014189791 A1</a> <a href="#">20141127</a>	ELWHA LLC	SYSTEMS AND METHODS FOR DETECTING SOIL CHARACTERISTICS
<a href="#">WO 2014150220 A2</a> <a href="#">20140925</a>	IBMS HOLDINGS LLC	AUTOMATED MONITORING OF PEST TRAPS IN A DISTRIBUTED WORK ENVIRONMENT

<a href="#">WO 2014156039 A1 20141002</a>	SONY CORP	METHOD, SYSTEM, AND MEDIUM HAVING STORED THEREON INSTRUCTIONS THAT CAUSE A PROCESSOR TO EXECUTE A METHOD FOR OBTAINING IMAGE INFORMATION OF AN ORGANISM COMPRISING A SET OF OPTICAL DATA
<a href="#">WO 2014145552 A1 20140918</a>	DVM SYSTEMS LLC	AUTOMATED MONITORING OF RUMINANT HEALTH AND BREEDING PARAMETERS
<a href="#">WO 2014172765 A1 20141030</a>	BRASIL PESQUISA AGROPEC	WATER TENSION SENSOR, SYSTEM FOR CHARACTERISING AND CONTINUOUSLY MEASURING SOIL WATER, SYSTEM FOR INDICATING CRITICAL SOIL WATER TENSION AND IRRIGATION ROD

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## REDES DE SENSORES PARA ENTORNOS URBANOS O PÚBLICOS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2014165208 A2</a> <a href="#">20141009</a>	ITRON INC	METER READING DATA VALIDATION
<a href="#">WO 2014193135 A1</a> <a href="#">20141204</a>	KMW INC	DEVICE FOR CONTROLLING BRIGHTNESS OF LIGHTING DEVICE
<a href="#">WO 2014187717 A1</a> <a href="#">20141127</a>	KONINKL PHILIPS NV	LIGHTING DEVICE
<a href="#">WO 2014191052 A1</a> <a href="#">20141204</a>	FUNDACIÓ PER A LA UNI OBERTA DE CATALUNYA	METHOD AND APPARATUS FOR SENDING AND RECEIVING DATA IN A MACHINE TO MACHINE WIRELESS NETWORK
<a href="#">WO 2014193526 A2</a> <a href="#">20141204</a>	ITRON INC	SURFACING CROSS PLATFORM APPLICATIONS
<a href="#">WO 2014149188 A2</a> <a href="#">20140925</a>	AIRCUITY INC	METHODS AND APPARATUS FOR INDOOR AIR CONTAMINANT MONITORING
<a href="#">WO 2014164547 A1</a> <a href="#">20141009</a>	ACLIMA INC	DISTRIBUTED SENSOR SYSTEM WITH REMOTE SENSOR NODES AND CENTRALIZED DATA PROCESSING
<a href="#">WO 2014140536 A1</a> <a href="#">20140918</a>	UNIV BRISTOL	RADIATION DETECTION DEVICE AND METHOD
<a href="#">WO 2014147510 A1</a> <a href="#">20140925</a>	KONINKL PHILIPS NV	METHODS AND APPARATUS FOR INFORMATION MANAGEMENT AND CONTROL OF OUTDOOR LIGHTING NETWORKS
<a href="#">WO 2014174412 A2</a> <a href="#">20141030</a>	KONINKL PHILIPS NV	ADAPTIVE OUTDOOR LIGHTING CONTROL SYSTEM BASED ON USER BEHAVIOR
<a href="#">WO 2014179011 A1</a> <a href="#">20141106</a>	BIOCHEM TECHNOLOGY INC	LOW DRIFT ION SELECTIVE ELECTRODE SENSORS
<a href="#">WO 2014160708 A1</a> <a href="#">20141002</a>	SENSITY SYSTEMS INC	SENSOR NODES WITH MULTICAST TRANSMISSIONS IN LIGHTING SENSORY NETWORK
<a href="#">WO 2014164249 A1</a> <a href="#">20141009</a>	MICROCHIP TECH INC	GEOLOCATED NETWORK
<a href="#">WO 2014180647 A1</a> <a href="#">20141113</a>	KONINKL PHILIPS NV	LUMINAIRE FOR ROAD ILLUMINATION WITH SENSOR.
<a href="#">WO 2014191958 A1</a> <a href="#">20141204</a>	LANDAUER INC	GEOMETRY LAYOUT AND FILTER PACKAGING FOR SYSTEM FOR WIRELESS, MOTION AND POSITION-SENSING, INTEGRATING RADIATION SENSOR FOR OCCUPATIONAL AND ENVIRONMENTAL DOSIMETRY
<a href="#">WO 2014133946 A1</a> <a href="#">20140904</a>	CREE INC	GLARE-REACTIVE LIGHTING APPARATUS
<a href="#">WO 2014136585 A1</a> <a href="#">20140912</a>	MITSUBISHI ELECTRIC CORP	MEASUREMENT SYSTEM, INTEGRATED CONTROLLER, SENSOR DEVICE CONTROL METHOD, AND PROGRAM
<a href="#">WO 2014157771 A1</a> <a href="#">20141002</a>	AURORA DESIGN LAB CO LTD	LED ILLUMINATION CONTROL DEVICE
<a href="#">WO 2014159461 A1</a> <a href="#">20141002</a>	HUBBELL INC	SYSTEMS AND METHODS FOR DETERMINING WIND SPEEDS
<a href="#">WO 2014173849 A1</a> <a href="#">20141030</a>	INEO	METHOD AND DEVICE FOR DYNAMIC MANAGEMENT OF URBAN MOBILITY
<a href="#">WO 2014138901 A1</a> <a href="#">20140918</a>	ODOTECH INC	SYSTEM AND METHOD FOR HYBRID HUMAN MACHINE ODOR OBSERVATION AND REPORTING
<a href="#">WO 2014155348 A1</a> <a href="#">20141002</a>	ST MICROELECTRONICS SRL	INTEGRATED ELECTRONIC DEVICE FOR MONITORING HUMIDITY AND/OR ENVIRONMENTAL ACIDITY/BASICITY AND/OR CORROSION
<a href="#">WO 2014181369 A1</a> <a href="#">20141113</a>	SMART L S R L	SMART OPTICAL SENSOR FOR ADAPTIVE, PREDICTIVE, AND ON-DEMAND CONTROL OF PUBLIC LIGHTING
<a href="#">WO 2014128348 A1</a> <a href="#">20140828</a>	VAISALA OYJ	A RADIOSONDE AND A METHOD FOR ATMOSPHERIC MEASUREMENTS PERFORMED AT AN ELEVATED TEMPERATURE
<a href="#">WO 2014138899 A1</a> <a href="#">20140918</a>	ODOTECH INC	SYSTEMS AND METHODS FOR MONITORING AND CONTROLLED CAPTURE OF AIR SAMPLES FOR ANALYSIS
<a href="#">WO 2014151384 A1</a> <a href="#">20140925</a>	MUELLER INT LLC	SYSTEMS FOR MEASURING PROPERTIES OF WATER IN A WATER DISTRIBUTION SYSTEM
<a href="#">WO 2014166138 A1</a> <a href="#">20141016</a>	WUXI PURELIFE HEALTHY TECHNOLOGIES CO LTD	ACTIVE SMOKE CONTROL DEVICE

<a href="#">WO 2014155326 A2 20141002</a>	ST MICROELECTRONI CS SRL	INTEGRATED ELECTRONIC DEVICE FOR MONITORING PRESSURE WITHIN A SOLID STRUCTURE
<a href="#">WO 2014138472 A2 20140912</a>	ROBOTEX INC	SYSTEM AND METHOD FOR COLLECTING AND PROCESSING DATA AND FOR UTILIZING ROBOTIC AND/OR HUMAN RESOURCES

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## REDES DE SENSORES PARA DETECTAR INCENDIOS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2014196721 A1</a> <a href="#">20141211</a>	ANTONEINFO CO LTD	SYSTEM AND METHOD FOR DETECTING FIRE USING SYNTHETIC IMAGES
<a href="#">WO 2014200858 A1</a> <a href="#">20141218</a>	VIVINT INC	SET TOP BOX AUTOMATION
<a href="#">WO 2014180773 A1</a> <a href="#">20141113</a>	BOSCH GMBH ROBERT	FIRE ALARM
<a href="#">WO 2014177496 A1</a> <a href="#">20141106</a>	SIEMENS AG	DANGER-INDICATING ALARM HAVING A TEMPERATURE SENSOR
<a href="#">WO 2014144164 A1</a> <a href="#">20140918</a>	VIVINT INC	SECURITY SYSTEM PROVIDING A LOCALIZED HUMANLY-PERCEIVABLE ALERT FOR IDENTIFYING A FACILITY TO EMERGENCY PERSONNEL
<a href="#">WO 2014172374 A1</a> <a href="#">20141023</a>	NEST LABS INC	CONTROLLING AN HVAC SYSTEM DURING DEMAND RESPONSE EVENTS
<a href="#">WO 2014149993 A1</a> <a href="#">20140925</a>	NEST LABS INC	UTILITY PORTALS FOR MANAGING DEMAND-RESPONSE EVENTS
<a href="#">WO 2014151445 A1</a> <a href="#">20140925</a>	LEEO INC	ENVIRONMENTAL MONITORING DEVICE
<a href="#">WO 2014147418 A2</a> <a href="#">20140925</a>	PARADIGM FLOW SERVICES LTD	WATER DELUGE SYSTEM TESTING APPARATUS AND METHOD
<a href="#">WO 2014186486 A1</a> <a href="#">20141120</a>	TYCO FIRE & SECURITY GMBH	METHOD FOR SELF-TESTING NOTIFICATION APPLIANCES IN ALARM SYSTEMS
<a href="#">WO 2014144628 A2</a> <a href="#">20140918</a>	MASTER LOCK CO	CAMERAS AND NETWORKED SECURITY SYSTEMS AND METHODS
<a href="#">WO 2014182810 A1</a> <a href="#">20141113</a>	ENGINEERED CORROSION SOLUTIONS LLC	CORROSION MONITORING IN A FIRE SPRINKLER SYSTEM
<a href="#">WO 2014152998 A1</a> <a href="#">20140925</a>	SIMMONS MICHAEL	MOUNTING BRACKET INCLUDING EMERGENCY LIGHTING
<a href="#">WO 2014145913 A1</a> <a href="#">20140918</a>	ADT US HOLDINGS INC	SECURITY SYSTEM ACCESS PROFILES
<a href="#">WO 2014152301 A2</a> <a href="#">20140925</a>	NEST LABS INC	SYSTEMS, APPARATUS AND METHODS FOR MANAGING DEMAND-RESPONSE PROGRAMS AND EVENTS

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## OTRAS REFERENCIAS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2014197182 A1</a> <a href="#">20141211</a>	HONEYWELL INT INC	APPARATUS AND METHOD FOR PROVIDING A COMMON INTERFACE FOR MULTIPLE WIRELESS COMMUNICATION PROTOCOLS
<a href="#">WO 2014197585 A1</a> <a href="#">20141211</a>	TEXAS INSTRUMENTS INC	APPARATUS AND METHOD FOR REDUCING POWER IN A WIRELESS SENSOR NETWORK
<a href="#">WO 2014197990 A1</a> <a href="#">20141218</a>	JIANG JIN	PERFORMANCE MONITOR, EVALUATION AND DIAGNOSIS SYSTEM FOR WIRELESS SENSOR NETWORKS
<a href="#">WO 2014152106 A1</a> <a href="#">20140925</a>	WESTERNGECO LLC	SEISMIC ACQUISITION USING PHASE-SHIFTED SWEEPS
<a href="#">WO 2014152151 A1</a> <a href="#">20140925</a>	WESTERNGECO LLC	DETERMINING A SEISMIC VIBRATOR SIGNATURE
<a href="#">WO 2014153307 A1</a> <a href="#">20140925</a>	WESTERNGECO LLC	REMOVING NOISE FROM A SEISMIC MEASUREMENT
<a href="#">WO 2014192021 A1</a> <a href="#">20141204</a>	INDIAN ASS FOR THE CULTIVATION OF SCIENCE	4-WIRE 3-PHASE POWER GRID SENSOR FOR MONITORING MINUTE LOAD UNBALANCE AND HARMONIC NOISE
<a href="#">WO 2014195531 A1</a> <a href="#">20141211</a>	ENDESA S A	ENERGY OPTIMIZATION SYSTEM
<a href="#">WO 2014200824 A2</a> <a href="#">20141218</a>	SAUDI ARABIAN OIL CO	SENSOR FOR MEASURING THE ELECTROMAGNETIC FIELDS ON LAND AND UNDERWATER
<a href="#">WO 2014151222 A1</a> <a href="#">20140925</a>	MICROCHIP TECH INC	SYSTEM AND METHOD FOR ENERGY EFFICIENT MEASUREMENT OF SENSOR SIGNAL
<a href="#">WO 2014172096 A1</a> <a href="#">20141023</a>	GEN ELECTRIC	METHOD AND APPARATUS FOR IMPROVING GRID STABILITY IN A WIND FARM
<a href="#">WO 2014176271 A1</a> <a href="#">20141030</a>	NEST LABS INC	CONTEXT ADAPTIVE COOL-TO-DRY FEATURE FOR HVAC CONTROLLER
<a href="#">WO 2014182190 A1</a> <a href="#">20141113</a>	SIEMENS AG	DEVICE AND METHOD FOR MONITORING A FLUID IN SUBSEA EQUIPMENT
<a href="#">WO 2014191705 A1</a> <a href="#">20141204</a>	TOSHIBA RES EUROP LTD	CODING AND DECODING METHODS AND APPARATUS
<a href="#">WO 2014191960 A1</a> <a href="#">20141204</a>	LANDAUER INC	SYSTEM FOR WIRELESS, MOTION AND POSITION-SENSING, INTEGRATING RADIATION SENSOR AND ENERGY HARVESTER FOR OCCUPATIONAL AND ENVIRONMENTAL DOSIMETRY
<a href="#">WO 2014136401 A1</a> <a href="#">20140912</a>	NEC CORP	DYNAMICALLY CONTROLLING SENSORS
<a href="#">WO 2014149170 A1</a> <a href="#">20140925</a>	RAYTHEON CO	SCIWISE-SUPPLY CHAIN INTEGRITY THRU WIRELESS SENSING
<a href="#">WO 2014188550 A1</a> <a href="#">20141127</a>	FUJITSU LTD	COMMUNICATION NODE, SYSTEM, COMMUNICATION METHOD, AND COMMUNICATION PROGRAM
<a href="#">WO 2014164642 A1</a> <a href="#">20141009</a>	ION GEOPHYSICAL CORP	POWER SAVINGS MODE FOR OCEAN BOTTOM SEISMIC DATA ACQUISITION SYSTEMS
<a href="#">WO 2014178926 A1</a> <a href="#">20141106</a>	ENERNOC INC	BUILDING MANAGEMENT SYSTEM FALSE-POSITIVE FAULT INDICATIONS REDUCTION MECHANISM
<a href="#">WO 2014188594 A1</a> <a href="#">20141127</a>	FUJITSU LTD	ENVIRONMENTAL MEASUREMENT DEVICE AND ENVIRONMENTAL MEASUREMENT METHOD
<a href="#">WO 2014150895 A1</a> <a href="#">20140925</a>	PELCO INC	ENERGY SAVING HEATING, VENTILATION, AIR CONDITIONING CONTROL SYSTEM
<a href="#">WO 2014151519 A1</a> <a href="#">20140925</a>	WESTERNGECO LLC	FREQUENCY-SPARSE SEISMIC DATA ACQUISITION AND PROCESSING
<a href="#">WO 2014172597 A1</a> <a href="#">20141023</a>	CUBIC CORP	RESERVATION SCHEDULER FOR REAL-TIME OPERATING SYSTEMS IN WIRELESS SENSOR NETWORKS
<a href="#">WO 2014189482 A1</a> <a href="#">20141127</a>	INTEL CORP	TECHNIQUES FOR MERGING VIRTUAL AND PHYSICAL FLOOR MAPS
<a href="#">WO 2014144637 A2</a> <a href="#">20140918</a>	LEEO INC	ENVIRONMENTAL MEASUREMENT DISPLAY SYSTEM AND METHOD
<a href="#">WO 2014165908 A1</a> <a href="#">20141016</a>	UNIV MONASH	METHOD AND DEVICE FOR SMART SENSING

<a href="#">WO 2014170851 A2</a> <a href="#">20141023</a>	ERICSSON TELEFON AB L M	SYSTEM AND METHOD TO REDUCE RADIO RESOURCE MANAGEMENT (RRM) RELATED SIGNALING IN MACHINE-TO-MACHINE (M2M) COMMUNICATIONS
<a href="#">WO 2014182034 A1</a> <a href="#">20141113</a>	UNIV ULSAN FOUND FOR IND COOP	TIME SYNCHRONIZATION METHOD FOR HIGH ENERGY EFFICIENCY IN WIRELESS NETWORK AND NETWORK APPLYING SAME
<a href="#">WO 2014191627 A1</a> <a href="#">20141204</a>	IPROTOXI OY	AN APPARATUS AND A SYSTEM FOR CONTROLLING SENSORS
<a href="#">WO 2014163358 A1</a> <a href="#">20141009</a>	SAMSUNG ELECTRONICS CO LTD	CONTEXT RECOGNITION AND SOCIAL PROFILING USING MOBILE DEVICES
<a href="#">WO 2014176979 A1</a> <a href="#">20141106</a>	ZTE CORP	RADIO WAKEUP METHOD AND RADIO WAKEUP CIRCUIT
<a href="#">WO 2014181379 A1</a> <a href="#">20141113</a>	mitsubishi ELECTRIC CORP	RADIO COMMUNICATION SYSTEM AND RADIO COMMUNICATION METHOD
<a href="#">WO 2014188604 A1</a> <a href="#">20141127</a>	FUJITSU LTD	COMMUNICATION METHOD, SYSTEM, AND COMMUNICATION PROGRAM
<a href="#">WO 2014166937 A2</a> <a href="#">20141016</a>	CGG SERVICES SA	DRONE SEISMIC SENSING METHOD AND APPARATUS
<a href="#">WO 2014169640 A1</a> <a href="#">20141023</a>	HUAWEI TECH CO LTD	METHOD, SYSTEM, AND SENSOR FOR ADJUSTING DETECTION FREQUENCY OF SENSOR NODE
<a href="#">WO 2014178650 A1</a> <a href="#">20141106</a>	KOREA RAILROAD RES INST	ENERGY HARVESTER AND WIRELESS SENSOR DEVICE INCLUDING SAME
<a href="#">WO 2014160928 A1</a> <a href="#">20141002</a>	LIQUID AUTOMATION LLC	AUTOMATIC FUEL ADDITIVE CONTROLLER AND DISPENSER
<a href="#">WO 2014156177 A1</a> <a href="#">20141002</a>	NEC CORP	A METHOD OF CONTROLLING A PLURALITY OF SENSOR NODES, COMPUTER PRODUCT TANGIBLY EMBODIED IN A MACHINE-READABLE MEDIUM, AND A SENSOR SYSTEM
<a href="#">WO 2014168525 A1</a> <a href="#">20141016</a>	ERICSSON TELEFON AB L M	METHODS, DEVICE AND NODE FOR DISCONTINUOUS RECEPTION (DRX) OF DATA
<a href="#">WO 2014142162 A1</a> <a href="#">20140918</a>	MICROMACHINE CT	SENSOR TERMINAL



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