

Boletín VT eDEPENDENCIA

1.º trimestre 2015 21

Vigilancia Tecnológica

El Consejo de Europa define la **dependencia** como "la necesidad de ayuda o asistencia importante para las actividades de la vida cotidiana", o, de manera más precisa, como "un estado en el que se encuentran las personas que por razones ligadas a la falta o la pérdida de autonomía física, psíquica o intelectual, tienen necesidad de asistencia y/o ayudas importantes a fin de realizar los actos corrientes de la vida diaria y, de modo particular, los referentes al cuidado personal".

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 aspectos tales como la accesibilidad de las personas mayores o con algún tipo de

discapacidad a las nuevas tecnologías de la información y comunicaciones, los dispositivos de ayuda a la movilidad física o la atención de personas en situación de dependencia a través de servicios de teleasistencia domiciliaria y monitorización remotas.

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:

- Accesibilidad a las nuevas tecnologías de la información
- Ayuda a la movilidad
- Teleasistencia sanitaria
- Otras referencias

NIPO: 073-15-018-7



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.

ACCESIBILIDAD A LAS NUEVAS TECNOLOGÍAS DE LA INFORMACIÓN

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<u>WO 2014198289 A1 20141218</u>	PHONAK AG	WIRELESS SOUND TRANSMISSION SYSTEM AND METHOD
<u>WO 2015024790 A1 20150226</u>	ESSILOR INT	METHOD FOR ASSISTING VISUAL EXPLORATION FOR AN INDIVIDUAL SUFFERING FROM A RETINAL CONDITION RESULTING IN A SCOTOMA
<u>WO 2015024586 A1 20150226</u>	WIDEX AS	HEARING AID HAVING A CLASSIFIER FOR CLASSIFYING AUDITORY ENVIRONMENTS AND SHARING SETTINGS
<u>WO 2015024584 A1 20150226</u>	WIDEX AS	HEARING AID HAVING A CLASSIFIER
<u>WO 2014203744 A1 20141224</u>	KOITO MFG CO LTD	INDICATOR LAMP
<u>WO 2014205327 A1 20141224</u>	DARTMOUTH COLLEGE	HEARING-AID NOISE REDUCTION CIRCUITRY WITH NEURAL FEEDBACK TO IMPROVE SPEECH COMPREHENSION
<u>WO 2014210034 A1 20141231</u>	AUDIBLE INC	SYNCHRONOUS PRESENTATION OF CONTENT WITH A BRAILLE TRANSLATION
<u>WO 2014210570 A1 20141231</u>	PATHWAY ENGINEERING LP	RF-TAG BASED WARDROBE INVENTORY SYSTEM
<u>WO 2015011548 A1 20150129</u>	WINA S R L	AID SYSTEM AND METHOD FOR VISUALLY IMPAIRED OR BLIND PEOPLE
<u>WO 2015014409 A1 20150205</u>	ERICSSON TELEFON AB L M	TRANSCRIPTION OF COMMUNICATION SESSIONS
<u>WO 2014206505 A1 20141231</u>	PEDERSEN STEINAR	IMPROVEMENTS IN OR RELATING TO USER AUTHENTICATION
<u>WO 2015015174 A1 20150205</u>	CONCEPT SOLUTIONS LTD	AN ALERT SYSTEM FOR A CALLER
<u>WO 2015005644 A1 20150115</u>	HANKYONG IND ACADEMIC COOP CT	PUZZLE APPARATUS FOR VISUALLY IMPAIRED
<u>WO 2015010053 A1 20150122</u>	PURPLE COMM INC	A METHOD AND SYSTEM FOR ROUTING VIDEO CALLS TO A TARGET QUEUE BASED UPON DYNAMICALLY SELECTED OR STATICALLY DEFINED PARAMETERS
<u>WO 2015027218 A1 20150226</u>	SCHEPENS EYE RES INST	PREVENTION AND TREATMENT OF MYOPIA
<u>WO 2015018329 A1 20150212</u>	HUAWEI DEVICE CO LTD	REMOTE CONTROL
<u>WO 2015010164 A1 20150129</u>	NAT ICT AUSTRALIA LTD	ENHANCING VISION FOR A VISION IMPAIRED USER

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AYUDA A LA MOVILIDAD

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<u>WO 2014199385 A1 20141218</u>	BIOGAMING LTD	REHABILITATIVE POSTURE AND GESTURE RECOGNITION
<u>WO 2014199387 A1 20141218</u>	BIOGAMING LTD	PERSONAL DIGITAL TRAINER FOR PHYSIOTHERAPEUTIC AND REHABILITATIVE VIDEO GAMES
<u>WO 2015028373 A1 20150305</u>	ETH ZURICH	WEARABLE POSTURE ASSISTING DEVICE
<u>WO 2015006378 A1 20150115</u>	THRELFALL JOHN	EXTERNAL STRUCTURAL BRACE APPARATUS
<u>WO 2015004643 A2 20150115</u>	FUNCTIONABLE S R L	GRIPPING AID FOR AN INDIVIDUAL HAVING A GRIPPING DEFICIENCY
<u>WO 2015021886 A1 20150219</u>	HUANG CHEN-MING	PORTABLE HUMAN EXOSKELETON SYSTEM
<u>WO 2015029132 A1 20150305</u>	FUKUSHI KINJIRO	MOVEMENT LIFT
<u>WO 2015032833 A1 20150312</u>	ESSILOR INT	NAVIGATION METHOD BASED ON A SEE-THROUGH HEAD-MOUNTED DEVICE
<u>WO 2014195373 A1 20141211</u>	SCHMALZ J	LIFTING AID WORN ON THE BODY
<u>WO 2015002876 A1 20150108</u>	UNIV CONNECTICUT	KNEE ORTHOSIS DEVICE AND ASSOCIATED METHODS
<u>WO 2015003118 A1 20150108</u>	UNIV HOUSTON	MEHTODS FOR CLOSED-LOOP NEURAL-MACHINE INTERFACE SYSTEMS FOR THE CONTROL OF WEARABLE EXOSKELETONS AND PROSTHETIC DEVICES
<u>WO 2015005566 A1 20150115</u>	UNIV YONSEI WONJU INDUSTRY ACADEMIC COOPERATION FO	ECCENTRIC CONTRACTION TRAINING APPARATUS, AND TRAINING METHOD USING SAME
<u>WO 2015006853 A1 20150122</u>	BIONIK LAB INC	CONTROL SYSTEM FOR EXOSKELETON APPARATUS
<u>WO 2015019281 A1 20150212</u>	MARIOWAY S R L	INVERTED PENDULUM TYPE VEHICLE
<u>WO 2014209916 A1 20141231</u>	HUNTER WILLIAM L	DEVICES, SYSTEMS AND METHODS FOR MONITORING KNEE REPLACEMENTS
<u>WO 2015017898 A1 20150212</u>	CLARUS TECHNOLOGIES PTY LTD	BIONIC MUSCLE
<u>WO 2015019485 A1 20150212</u>	SCHOOL JUDICIAL PERSON IKUTOKU GAKUEN	FOOTWEAR STRUCTURE FOR JOINT MOVEMENT ASSISTANCE DEVICE
<u>WO 2015011471 A2 20150129</u>	STANIER JAMES GREGORY	ACOUSTIC SPATIAL SENSORY AID

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TELEASISTENCIA SANITARIA

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<u>WO 2014201599 A1 20141224</u>	DEALEASY INFORMATION TECHNOLOGY CO LTD	METHOD AND SYSTEM FOR INFORMATION AUTHENTICATION AUTHORIZATION AND SECURE USE
<u>WO 2014199786 A1 20141218</u>	SHARP KK	IMAGING SYSTEM
<u>WO 2014200616 A1 20141218</u>	MEDTRONIC INC	MOTION ANALYSIS FOR BEHAVIOR IDENTIFICATION
<u>WO 2015023681 A2 20150219</u>	SWALLOW SOLUTIONS LLC	SWALLOWING ASSESSMENT AND IMPROVEMENT SYSTEMS AND METHODS
<u>WO 2015032696 A1 20150312</u>	COMMISSARIAT ENERGIE ATOMIQUE	LOWER LIMB OF AN EXOSKELETON OR A BIPEDAL ROBOT
<u>WO 2015003015 A2 20150108</u>	INTERSECTION MEDICAL INC	COMPACT AND WEARABLE APPARATUSES FOR HOME USE IN DETERMINING TISSUE WETNESS
<u>WO 2015011668 A2 20150129</u>	COMMISSARIAT ENERGIE ATOMIQUE	DEVICE FOR ASSESSING THE WATER LOSS OF A PERSON OR OF AN ANIMAL THROUGH PERSPIRATION
<u>WO 2015029339 A1 20150305</u>	PANASONIC IP MAN CO LTD	RADAR SYSTEM AND TARGET DETECTION METHOD
<u>WO 2014210549 A1 20141231</u>	GEN HOSPITAL CORP	SYSTEMS AND METHODS FOR TRACKING NON-STATIONARY SPECTRAL STRUCTURE AND DYNAMICS IN PHYSIOLOGICAL DATA
<u>WO 2014208245 A1 20141231</u>	SUMITOMO RIKO COMPANY LTD	BED-LEAVING SENSOR AND BED-LEAVING DETECTION METHOD
<u>WO 2015023997 A1 20150219</u>	PAPANDREA JOHN	PERSONALIZED PATIENT EXPERIENCE SYSTEM
<u>WO 2015002940 A2 20150108</u>	MAYO FOUNDATION	ADVANCED HEALTH MONITORING SYSTEM
<u>WO 2015009792 A1 20150122</u>	PALO ALTO HEALTH SCIENCES INC	METHODS AND SYSTEMS FOR QUANTITATIVE COLORIMETRIC CAPNOMETRY
<u>WO 2015018752 A1 20150212</u>	KONINKL PHILIPS NV	PROCESSING APPARATUS AND PROCESSING METHOD FOR DETERMINING A RESPIRATORY SIGNAL OF A SUBJECT
<u>WO 2015002935 A2 20150108</u>	MAYO FOUNDATION	SENSOR TYPES AND SENSOR POSITIONING FOR A REMOTE PATIENT MONITORING SYSTEM
<u>WO 2014208246 A1 20141231</u>	SUMITOMO RIKO COMPANY LTD	BED EXIT SENSOR AND BED EXIT DETECTION METHOD
<u>WO 2015019887 A1 20150212</u>	KONICA MINOLTA INC	DATA MANAGEMENT SERVER, AND HOME-MEDICAL-CARE COORDINATION SYSTEM
<u>WO 2015023692 A1 20150219</u>	INTELLOMED INC	METHODS FOR MONITORING AND ANALYZING CARDIOVASCULAR STATES
<u>WO 2014203247 A2 20141224</u>	WEFIND TECH LTD	SYSTEM AND METHOD FOR AD-HOC NETWORK FOR TRACKING THE POSITION OF A SUBJECT

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OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2015026688 A1 20150226	MED EL ELEKTROMED GERAETE GMBH	AUDITORY PROSTHESIS USING STIMULATION RATE AS A MULTIPLE OF PERIODICITY OF SENSED SOUND
WO 2015023980 A2 20150219	METHODIST HOSPITAL	METHOD AND APPARATUS FOR PROVIDING TRANSCRANIAL MAGNETIC STIMULATION (TMS) TO AN INDIVIDUAL
WO 2015030738 A1 20150305	ADVANCED BIONICS AG	ASYMMETRIC COCHLEAR IMPLANT ELECTRODES AND METHOD
WO 2014198648 A1 20141218	KONINKL PHILIPS NV	MEDICINE CONTAINER, HOUSING AND DISPLAY FOR MEDICINE CONTAINER
WO 2014205139 A1 20141224	UNIV VIRGINIA PATENT FOUND	MULTIDIMENSIONAL TIME SERIES ENTRAINMENT SYSTEM, METHOD AND COMPUTER READABLE MEDIUM
WO 2015028549 A1 20150305	NEUROMOD DEVICES LTD	METHOD AND SYSTEM FOR GENERATION OF CUSTOMISED SENSORY STIMULUS
WO 2015028721 A1 20150305	OCUSPECTO OY	TESTING AND DETERMINING A THRESHOLD VALUE
WO 2014200609 A1 20141218	DATACARD CORP	PROCESS OF PRODUCING TACTILE DOTS, TACTILE DOT GROUPS, AND TACTILE IDENTIFIER MARKS
WO 2014204277 A1 20141224	SAMSUNG ELECTRONICS CO LTD	INFORMATION PROVIDING METHOD AND MEDICAL DIAGNOSIS APPARATUS FOR PROVIDING INFORMATION
WO 2014206491 A1 20141231	PHONAK AG	METHOD AND APPARATUS FOR FITTING A HEARING DEVICE EMPLOYING FREQUENCY TRANSPOSITION
WO 2015015268 A1 20150205	I A C E R S R L	OPHTHALMOLOGICAL DEVICE FOR THE TREATMENT OF KERATOCONUS
WO 2015025316 A1 20150226	TEL HASHOMER MEDICAL RES INFRA	SPIROMETER SYSTEM AND METHOD FOR DETERMINING LUNG FUNCTIONAL RESIDUAL CAPACITY (FRC) WITH A NON-OCLCLUDING SHUTTER
WO 2014209006 A1 20141231	AJOU UNIV IND ACAD COOP FOUND	PERSONALIZED LIFESTYLE MODELING DEVICE AND METHOD
WO 2015030648 A1 20150305	SENSEBREATH AB	A BREATH ANALYSING AND TRAINING ASSEMBLY
WO 2014204979 A1 20141224	MONITOR MY MEDS LLC	MEDICATION ADHERENCE AND ACKNOWLEDGEMENT
WO 2015002850 A1 20150108	RUBIN JACOB A	WHOLE-BODY HUMAN-COMPUTER INTERFACE
WO 2015032403 A1 20150312	DOSESYSTEM APS	MONITORING SYSTEM
WO 2014209005 A1 20141231	AJOU UNIV IND ACAD COOP FOUND	LIFESTYLE ANALYSIS SYSTEM AND METHOD
WO 2014209004 A1 20141231	AJOU UNIV IND ACAD COOP FOUND	LIFESTYLE SERVICE DESIGN SYSTEM AND METHOD
WO 2015019865 A1 20150212	TOPCON CORP	PATIENT MANAGEMENT SYSTEM AND PATIENT MANAGEMENT SERVER
WO 2015031301 A1 20150305	MED EL ELEKTROMED GERAETE GMBH	FENESTRATION ELECTRODE TO TREAT PATIENTS WITH MENIERE'S DISEASE
WO 2015018629 A1 20150212	KONINKL PHILIPS NV	TUBE ALIGNMENT FUNCTIONALITY FOR MOBILE RADIOGRAPHY SYSTEMS
WO 2015016011 A1 20150205	IRYOU JYOUHOU GIYUTU KENKYUSYO CORP	INTEGRATED INFORMATION PROCESSING SYSTEM FOR MEDICAL TREATMENT-RELATED DATA
WO 2015016933 A1 20150205	ROSENBERG MITCHELL	INFECTIOUS DISEASE WARNING SYSTEM WITH SECURITY AND ACCOUNTABILITY FEATURES

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