

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

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
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WO 2014060995 A1 20140424	B10NIX S R L	SYSTEM AND APPARATUS FOR THE INTERACTION BETWEEN A COMPUTER AND A DISABLED USER
WO 2014068565 A1 20140508	ZIMET-RUBNER YAEL	COLOR-MAPPING WAND
WO 2014085369 A1 20140605	QUALCOMM INC	METHODS, APPARATUSES AND COMPUTER READABLE MEDIUM FOR TRIGGERING A GESTURE RECOGNITION MODE AND DEVICE PAIRING AND SHARING VIA NON-TOUCH GESTURES
WO 2014049148 A1 20140403	JACOTI BVBA	METHOD FOR ADJUSTING PARAMETERS OF A HEARING AID FUNCTIONALITY PROVIDED IN A CONSUMER ELECTRONICS DEVICE
WO 2014081808 A1 20140530	UNIV ARIZONA	RESPONSIVE DYNAMIC THREE-DIMENSIONAL TACTILE DISPLAY USING HYDROGEL
WO 2014063742 A1 20140501	PHONAK AG	PATIENT DATA EXCHANGE
WO 2014068371 A1 20140508	KATZ ARYEH HAIM	UPPER-ARM COMPUTER POINTING APPARATUS
WO 2014062340 A1 20140424	GOOGLE INC	TRANSITIONING BETWEEN ACCESS STATES OF A COMPUTING DEVICE
WO 2014066373 A1 20140501	GOOGLE INC	COMPUTING DEVICE WITH FORCE-TRIGGERED NON-VISUAL RESPONSES
WO 2014049753 A1 20140403	NEC CASIO MOBILE COMM LTD	INFORMATION PROCESSING DEVICE, DISPLAY CONTROL METHOD, AND RECORDING MEDIUM
WO 2014050629 A1 20140403	KYOCERA CORP	PORTABLE TERMINAL DEVICE AND PASSWORD INPUT METHOD
WO 2014043282 A1 20140320	FRESHMAN MATTHEW	AMPLIFYING COVER FOR A PORTABLE AUDIO DEVICE
WO 2014052082 A1 20140403	INTEL CORP	AUTOMATICALLY CREATING TABLES OF CONTENT FOR WEB PAGES
WO 2014070041 A1 20140508	ARONOV MAKSIM LEONIDOVICH	METHOD FOR INFORMING AND ORIENTING SIGHT-IMPAIRED PERSONS AND SYSTEM FOR CARRYING OUT SAID METHOD
WO 2014041930 A1 20140320	NTT DOCOMO INC	USER INTERFACE DEVICE, SEARCH METHOD, AND PROGRAM
WO 2014041929 A1 20140320	NTT DOCOMO INC	USER INTERFACE DEVICE, SEARCH METHOD, AND PROGRAM

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AYUDA A LA MOVILIDAD

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2014083388 A1 20140605	INVACARE INTERNAT S RL	POWER DRIVEN VEHICLE HAVING A TAKE-APART FRAME
WO 2014085810 A1 20140605	UNIV NORTHEASTERN	MULTIPLE DEGREE OF FREEDOM PORTABLE REHABILITATION SYSTEM HAVING DC MOTOR-BASED, MULTI-MODE ACTUATOR
WO 2014057410 A1 20140417	UNIVERSIT CAMPUS BIO MEDICO DI ROMA	ROBOTIC DEVICE FOR ASSISTANCE AND REHABILITATION OF LOWER LIMBS
WO 2014076617 A1 20140522	SIMEONE EMANUELE	POSTURE REHABILITATION APPARATUS
WO 2014070666 A1 20140508	ALLEY RANDALL	ADAPTABLE SOCKET SYSTEM, METHOD, AND KIT
WO 2014056600 A1 20140417	MEYRA WILHELM MEYER GMBH & CO	MULTIFUNCTIONAL OPERATING DEVICE FOR OPERATING A VEHICLE
WO 2014066516 A1 20140501	UNIV NEW YORK	SOMATOSENSORY FEEDBACK WEARABLE OBJECT
WO 2014045821 A1 20140327	MURATA MANUFACTURING CO	HANDCART
WO 2014057619 A1 20140417	PANASONIC CORP	BODY MOTION DETECTION DEVICE AND HUMAN BODY STIMULATION APPARATUS COMPRISING SAID DEVICE
WO 2014067015 A1 20140508	BRITISH COLUMBIA INST OF TECHNOLOGY	MOBILITY SYSTEM INCLUDING AN EXOSKELETON ASSEMBLY RELEASABLY SUPPORTED ON A WHEELED BASE
WO 2014046844 A1 20140327	STRYKER CORP	POWERED PATIENT SUPPORT APPARATUS
WO 2014047465 A2 20140327	SCHEPENS EYE RES INST	COLLISION PREDICTION
WO 2014050771 A1 20140403	KONDO MAMORU	SOUND GUIDANCE NETWORK SYSTEM
WO 2014068509 A2 20140508	UNIV CAPE TOWN	HAND EXOSKELETON
WO 2014045823 A1 20140327	MURATA MANUFACTURING CO	HANDCART
WO 2014046292 A1 20140327	MUSCLE CORP	CARE METHOD AND CARE ROBOT USED THEREIN
WO 2014058733 A1 20140417	GOOGLE INC	IMAGE CAPTURE COMPONENT ON ACTIVE CONTACT LENS
WO 2014040186 A1 20140320	ESSILOR CANADA LTEE	METHOD FOR MEASURING THE VISUALLY-INDUCED POSTURAL INSTABILITY OF A PERSON
WO 2014045955 A1 20140327	MURATA MANUFACTURING CO	HANDCART
WO 2014070672 A1 20140508	UNIV ARIZONA	A COUPLING SYSTEM
WO 2014039134 A1 20140313	UNIV CALIFORNIA	CONTROLLABLE PASSIVE ARTIFICIAL KNEE
WO 2014041315 A1 20140320	INST MYOLOGIE	DEVICE FOR MEASURING THE PINCH FORCE BETWEEN A PERSON'S THUMB AND INDEX FINGER

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TELEASISTENCIA SANITARIA

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2014048465 A1 20140403	PUSICH DRAGINJA NATASCHA	INCUBATOR
WO 2014057028 A1 20140417	HOCHSCHULE LAUSITZ	ROBOT SYSTEM FOR A CABLE SUSPENSION
WO 2014053534 A1 20140410	DEPTRACKER APS	A MONITORING DEVICE FOR ANALYSING A SLEEP CONDITION
WO 2014055886 A2 20140410	RENNICKS KENNETH WAYNE	HEALTHCARE FACILITY NAVIGATION METHOD AND SYSTEM
WO 2014064575 A2 20140501	KONINKL PHILIPS NV	DEVICE AND METHOD FOR OBTAINING VITAL SIGN INFORMATION OF A LIVING BEING
WO 2014068700 A1 20140508	HITACHI SYSTEMS LTD	BIOLOGICAL INFORMATION COLLECTION/DISTRIBUTION SYSTEM
WO 2014052874 A1 20140403	X2 BIOSYSTEMS INC	ADHESIVE SHOCK PATCH
WO 2014049474 A1 20140403	KONINKL PHILIPS NV	METHOD AND SYSTEM FOR DETERMINING PATIENT STATUS
WO 2014051190 A1 20140403	UNIV KYUNG HEE UNIV IND COOP	SMART HEALTH MANAGEMENT SYSTEM AND HEALTH SPACE COMPRISING SAME
WO 2014051502 A1 20140403	GRAPHENIUS JONAS PATRIK	SECURITY ARRANGEMENT AND METHOD THEREFOR
WO 2014058802 A1 20140417	INFORMETERS INC	SYSTEMS AND METHODS FOR DEVICE AND METER MONITORING
WO 2014070924 A1 20140508	QUALCOMM INC	METHOD AND APPARATUS FOR DETERMINING A POSITION OF A DEVICE RELATIVE TO A VIRTUAL FENCE
WO 2014039144 A1 20140313	INTEL CORP	METHODS AND ARRANGEMENTS FOR A CHECK SEQUENCE
WO 2014043499 A1 20140320	COVIDIEN LP	DOCKING STATION FOR ENTERAL FEEDING PUMP
WO 2014048803 A1 20140403	TELEFONICA SA	A METHOD AND A SYSTEM FOR ATTACHING A DEVICE TO A PLATFORM AND ESTABLISHING COMMUNICATION THEREWITH
WO 2014066270 A1 20140501	THERANOS INC	ASSISTED MEDICAL AND ASSOCIATED LIFESTYLE DECISION MAKING
WO 2014039152 A1 20140313	INTEL CORP	METHODS AND ARRANGEMENTS TO ASSIGN SLOTS IN RESTRICTED ACCESS WINDOWS IN WIRELESS NETWORKS
WO 2014053010 A1 20140410	RESMED LTD	SYSTEM AND METHOD FOR MEDICAL DEVICE IDENTIFIER
WO 2014030145 A2 20140227	KONINKL PHILIPS NV	CLINICAL SUPPORT SYSTEM AND METHOD
WO 2014039404 A1 20140313	UNIV CALIFORNIA	MULTISENSOR WIRELESS ABDOMINAL MONITORING APPARATUS, SYSTEMS, AND METHODS
WO 2014056000 A1 20140410	COGGINS GUY	AUGMENTED REALITY BIOFEEDBACK DISPLAY
WO 2014042742 A1 20140320	INTEL CORP	PERSONAL AREA MAPPING
WO 2014037938 A2 20140313	HYGINEX ISRAEL LTD	INFECTIOUS DISEASE SPREAD PREVENTION
WO 2014043723 A1 20140320	ACCUMED SYSTEMS INC	NON-INVASIVE SENSOR APPARATUS AND METHOD FOR ASSESSING CARDIAC PERFORMANCE
WO 2014080252 A1 20140530	NOKIA CORP	HANDLING BLUETOOTH LOW ENERGY ADVERTISEMENT MESSAGES

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
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WO 2014060726 A1 20140424	UNIV CARDIFF	HAND HYGIENE MONITORING SYSTEM
WO 2014077613 A1 20140522	KYUNGPOOK NAT UNIV IND ACAD	ROBOT FOR REPOSITIONING PROCEDURE, AND METHOD FOR CONTROLLING OPERATION THEREOF
WO 2014079549 A1 20140530	UNIVERSITÄT HEIDELBERG	PROBE AND METHOD FOR MEASURING OAE BY MEANS OF ACTIVE SOUND ABSORPTION
WO 2014053719 A1 20140410	BOSTIK SA	CAPACITIVE SENSOR FOR DETECTING THE PRESENCE OF AN OBJECT AND/OR OF AN INDIVIDUAL
WO 2014064053 A2 20140501	KONINKL PHILIPS NV	HEALTHCARE SYSTEM AND METHOD
WO 2014068975 A1 20140508	PANASONIC CORP	AUTONOMOUS TRAVELING DEVICE TRAVELING- INFORMATION GENERATION DEVICE, METHOD, AND PROGRAM, AND AUTONOMOUS TRAVELING DEVICE
WO 2014065386 A1 20140501	TOSHIBA KK	ULTRASONIC WAVE DIAGNOSTIC DEVICE
WO 2014059246 A2 20140417	HEARTLIFE TECHNOLOGY LLC	AUTOMATED EXTERNAL DEFIBRILLATOR ATTACHMENT FOR ELECTRONIC DEVICE
WO 2014046705 A1 20140327	HAMILTON JOHN	COMMUNICATION AND SPEECH ENHANCEMENT SYSTEM
WO 2014051824 A2 20140403	UNIV ROCHESTER	USE OF SOCIAL INTERACTIONS TO PREDICT COMPLEX PHENOMENA
WO 2014041098 A1 20140320	SINTEA PLUSTEK S R L	RETRACTOR DEVICE FOR TISSUE SURGERIES PROVIDED WITH SENSORS
WO 2014043149 A1 20140320	SCHEPENS EYE RES INST	MEASURING INFORMATION ACQUISITION USING FREE RECALL
WO 2014030704 A1 20140227	KABUSHIKI KAISYA LEBEN HANBAI	HEARING AID

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