

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
WO 2014031247 A1 20140227	FREEDOM SCIENTIFIC INC	SCREEN READER WITH FOCUS-BASED SPEECH VERBOSITY
WO 2014025703 A2 20140213	SCHAPIRA FELIPE SERGIO	COMPUTER POINTING DEVICE ORIENTED TO DISABLED PEOPLE OR WITH MOVEMENT DISORDERS
WO 2014038227 A1 20140313	TOSHIBA KK	SYSTEM AND ELECTRONIC DEVICE
WO 2013184289 A1 20131212	APPLE INC	TOUCH-BASED EXPLORATION OF MAPS FOR SCREEN READER USERS
WO 2014029331 A1 20140227	TENCENT TECH SHENZHEN CO LTD	TERMINAL AND READING METHOD BASED ON THE TERMINAL
WO 2014030158 A1 20140227	IC INSIDE LTD	VISUAL AID PROJECTOR
WO 2014039828 A2 20140313	SIMMONS AARON M	A METHOD AND SYSTEM FOR READING FLUENCY TRAINING
WO 2014022135 A2 20140206	HOME BOX OFFICE INC	SYSTEM AND METHOD FOR ASSISTIVE CAPTION, VIDEO DESCRIPTION, AND AUDIO DISTRIBUTION
WO 2014037516 A1 20140313	DRESSER WAYNE AB	PAYMENT TERMINAL FOR A FUEL DISPENSING UNIT
WO 2014020873 A1 20140206	KYOCERA CORP	EAR MODEL, MOCK MODEL OF HEAD, AND MEASURING DEVICE AND MEASURING METHOD EMPLOYING SAME
WO 2014013447 A2 20140123	AYIN SEVENTIES LTD	SOCIAL NETWORK FUNCTIONALITIES FOR VISUALLY IMPAIRED USERS
WO 2014017032 A1 20140130	PANASONIC CORP	ELECTRONIC APPARATUS
WO 2014006220 A1 20140109	JACOTI BVBA	CONSUMER ELECTRONICS DEVICE ADAPTED FOR HEARING LOSS COMPENSATION
WO 2014014175 A1 20140123	GACHON UNIVERSITY	HAPTIC DISPLAY-BASED SYSTEM AND METHOD FOR DISPLAYING VISUAL INFORMATION FOR VISUALLY IMPAIRED PERSONS

WO 2013187826 A2 20131219	JEMARDATOR AB	CEPSTRAL SEPARATION DIFFERENCE
WO 2013184273 A1 20131212	FREEDOM SCIENTIFIC INC	SCREEN READER WITH CUSTOMIZABLE WEB PAGE OUTPUT
WO 2014002349 A1 20140103	TERUMO CORP	INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD
WO 2013186574 A2 20131219	ZONE V LTD	MOBILE COMPUTING DEVICE FOR BLIND OR LOW- VISION USERS
WO 2014004006 A2 20140103	SONY CORP	IMPROVED VISUAL ACCESSIBILITY FOR VISION IMPAIRED
WO 2013179079 A1 20131205	FREESCALE SEMICONDUCTOR INC	A PIN ENTRY DEVICE, A USER IDENTIFICATION TERMINAL AND A METHOD OF OBTAINING A PIN CODE
WO 2014002350 A1 20140103	TERUMO CORP	INFORMATION PROCESSING DEVICE, AND INFORMATION PROCESSING METHOD
WO 2013192095 A1 20131227	AMBRUS TONY	COLOR VISION DEFICIT CORRECTION

[...ver más](#)

AYUDA A LA MOVILIDAD

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2013188510 A2 20131219	IWALK INC	PROSTHETIC, ORTHOTIC OR EXOSKELETON DEVICE
WO 2014035984 A2 20140306	EKSO BIONICS INC	HYDRAULIC ACTUATOR SYSTEM
WO 2014034716 A1 20140306	A I N CO LTD	MOUNTABLE ILLUMINATION MEANS AND WALKING CANE
WO 2014028305 A2 20140220	KARLOVICH ROBERT	MOBILITY ASSISTANCE DEVICE
WO 2013186705 A2 20131219	SCUOLA SUPERIORE S ANNA	AN EXOSKELETON STRUCTURE FOR PHYSICAL INTERACTION WITH A HUMAN BEING
WO 2013186701 A1 20131219	SCUOLA SUPERIORE S ANNA	ACTUATING METHOD AND DEVICE FOR HUMAN INTERACTION MULTI-JOINT MECHANISMS
WO 2014033613 A2 20140306	SCUOLA SUPERIORE S ANNA	WEARABLE EXOSKELETON DEVICE FOR HAND REHABILITATION
WO 2013188868 A1 20131219	UNIV VANDERBILT	MOVEMENT ASSISTANCE DEVICE
WO 2014013101 A1 20140123	UNIV HUELVA	PORTABLE OBJECT DETECTION DEVICE
WO 2014021603 A1 20140206	UNIV KOREA IND UNIV COOP FOUND	MOTION CONTROL DEVICE BASED ON WINDING STRING
WO 2013190495 A1 20131227	SCUOLA SUPERIORE DI STUDI UNI E DI PERFEZIONAMENTO SANT ANNA	TECHNOLOGICAL AID FOR TRANSFEMORAL AMPUTEES
WO 2014012146 A1 20140123	CHANG ELIZABETH	AGED AND DISABLED CARE VEHICLES
WO 2014018049 A1 20140130	TILLGES TECHNOLOGIES LLC	WIRELESS COMMUNICATION FOR PRESSURE SENSOR READINGS
WO 2014002200 A1 20140103	HITACHI LTD	WEARABLE POWER ASSIST SYSTEM
WO 2013172516 A1 20131121	ROAD TRAFFIC AUTHORITY	SOUND SIGNAL SYSTEM FOR A BLIND PERSON USING GPS AND A SMART PHONE APPLICATION
WO 2014002092 A1 20140103	ARGO MEDICAL TECHNOLOGIES LTD	AIRBAG FOR EXOSKELETON DEVICE
WO 2014006243 A1 20140109	UNIV MIGUEL HERNANDEZ	ELECTRONIC CANE FOR ASSISTING WITH MOBILITY OF VISUALLY IMPAIRED PEOPLE

[...ver más](#)

TELEASISTENCIA SANITARIA

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2014016547 A1 20140130	UNIV SOUTHAMPTON	APPARATUS FOR USE FOR PROVIDING INFORMATION ON AT LEAST ONE MUSCLE IN A PATIENT
WO 2014024176 A1 20140213	KONINKL PHILIPS NV	DEVICE FOR HOME MONITORING OF HAEMATOLOGICAL PARAMETERS OF PATIENTS
WO 2012069666 A1 20120531	UNIV ZARAGOZA	SYSTEM FOR MONITORING DEPENDANTS
WO 2014012070 A1 20140116	FLIR SYSTEMS	INFANT MONITORING SYSTEMS AND METHODS USING THERMAL IMAGING
WO 2014018637 A1 20140130	ABBOTT VERLIN L	SECURED MOBILE EMERGENCY PERSONAL MEDICAL INFORMATION SYSTEM
WO 2014005106 A1 20140103	CAREFUSION 303 INC	RESPIRATORY KNOWLEDGE PORTAL
WO 2014015238 A1 20140123	RESMED SENSOR TECHNOLOGIES LTD	RANGE GATED RADIO FREQUENCY PHYSIOLOGY SENSOR
WO 2014001640 A2 20140103	LAHDEN 4G SERVICE OY	LOCATION-BASED MONITORING OF ENVIRONMENT AND CONTROLLING THERETO
WO 2014009757 A1 20140116	UNIV YORK	DEVICE TO DETERMINE DYSKINESIA
WO 2013185176 A1 20131219	RAFIN & CO PTY LTD C	A METHOD AND APPARATUS FOR FACILITATING THE MANAGEMENT OF HEALTH AND SECURITY
WO 2014007555 A1 20140109	INTELLECTUAL DISCOVERY CO LTD	SMART TV HAVING HEALTH-MANAGEMENT MONITORING FUNCTION AND HEALTH-MANAGEMENT MONITORING METHOD USING SAME
WO 2014002458 A1 20140103	TOSHIBA KK	HOME HEALTHCARE SUPPORT DEVICE AND HOME HEALTHCARE SUPPORT SYSTEM
WO 2014010815 A1 20140116	LEE SEONGJONG	WEARABLE DANGER-SENSING DEVICE AND DANGER-NOTIFYING DEVICE

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
----------------	-------------	-------------------

WO 2014020484 A2 20140206	KONINKL PHILIPS NV	A METHOD AND SYSTEM TO IDENTIFY MOTION ARTIFACTS AND IMPROVE RELIABILITY OF MEASUREMENTS AND ALARMS IN PHOTOPLETHYSMOGRAPHIC MEASUREMENTS
WO 2014027264 A2 20140220	COCHLEAR LTD	FITTING BILATERAL HEARING PROSTHESES
WO 2014032726 A1 20140306	WIDEX AS	METHOD OF FITTING A HEARING AID AND A HEARING AID
WO 2014036499 A1 20140306	TRUEVISION SYSTEMS INC	IMAGING SYSTEM AND METHODS DISPLAYING A FUSED MULTIDIMENSIONAL RECONSTRUCTED IMAGE
WO 2014023570 A1 20140213	BOSCH GMBH ROBERT	METHOD FOR SELECTING A WORKING FREQUENCY RANGE OF A SURROUNDINGS SENSOR DEVICE AND CORRESPONDING SURROUNDINGS SENSOR DEVICE
WO 2014035478 A1 20140306	BAXTER CORP ENGLEWOOD	MEDICATION REQUISITION FULFILLMENT SYSTEM AND METHOD
WO 2014036263 A1 20140306	UNIV BROWN	AN ACCURATE ANALYSIS TOOL AND METHOD FOR THE QUANTITATIVE ACOUSTIC ASSESSMENT OF INFANT CRY
WO 2013185950 A1 20131219	SICPA HOLDING SA	METHODS FOR PRINTING TACTILE SECURITY FEATURES
WO 2014024228 A1 20140213	TERUMO CORP	BODY WATER METER AND MANUFACTURING METHOD THEREFOR
WO 2014025915 A1 20140213	TEKTONE SOUND & SIGNAL MFG INC	DUAL BAND NURSE CALL SYSTEM
WO 2014039861 A1 20140313	MEDSTAR HEALTH RES INST INC	METHOD AND SYSTEM OF RAPID SCREENING FOR MILD TRAUMATIC BRAIN INJURY (MTBI) AND OTHER COGNITIVE IMPAIRMENT
WO 2013175314 A2 20131128	CONVERGENT ENGINEERING INC	SYSTEM AND METHOD FOR DETECTING PREECLAMPSIA
WO 2014016756 A2 20140130	COCHLEAR LTD	HEARING PROSTHESIS WITH A STANDARD WIRE INTERFACE
WO 2014031878 A1 20140227	CALIFORNIA INST OF TECHN	3-COIL WIRELESS POWER TRANSFER SYSTEM FOR EYE IMPLANTS
WO 2014023735 A1 20140213	FRANK GMBH & CO KG GEB	BARRIER-FREE PACKAGING FOR GOODS, PARTICULARLY FOR MEDICAMENTS
WO 2013182218 A1 20131212	MAQUET CRITICAL CARE AB	BREATHING APPARATUS AND METHOD FOR USER INTERACTION THEREWITH
WO 2013190423 A1 20131227	KONINKL PHILIPS NV	PHOTOPLETHYSMOGRAPHIC DEVICE AND METHOD

<u>WO 2013184750 A2</u> <u>20131212</u>	MED EL ELEKTROMED GERAETE GMBH	ELECTRODE WITH MOVABLE INSERTION STOPPER
<u>WO 2013190471 A1</u> <u>20131227</u>	MEDICA S P A AB	METHOD AND APPARATUS FOR WIRELESS CHARGING OF A BIOELECTRONIC DEVICE IMPLANTED IN A LABORATORY ANIMAL OR IN A HUMAN BEING
<u>WO 2014018786 A2</u> <u>20140130</u>	BOSCH GMBH ROBERT	QUALITY COMPLIANCE SYSTEM FOR REFURBISHMENT OF MEDICAL DEVICE
<u>WO 2013190413 A1</u> <u>20131227</u>	KONINKL PHILIPS NV	GRAPHICAL USER INTERFACE FOR MEDICAL INSTRUMENTS
<u>WO 2013184066 A1</u> <u>20131212</u>	POND INNOVATION & DESIGN AB	DEVICE, METHOD AND SOFTWARE FOR MEASURING EXHALATION CAPACITY
<u>WO 2013183009 A2</u> <u>20131212</u>	SECRETARY DEPT OF BIOTECHNOLOGY	A SYSTEM FOR AUDITORY IMPAIRMENT SCREENING
<u>WO 2014000025 A1</u> <u>20140103</u>	UNIV MELBOURNE	A STIMULUS GENERATOR, A NEUROPROSTHETIC APPARATUS AND A STIMULATION METHOD
<u>WO 2013168364 A1</u> <u>20131114</u>	TERUMO CORP	SPEECH THERAPY ROBOT

iTP
Informe Tecnológico de Patentes

OEPM

Buscamos
comparamos
y se lo contamos

IT Información Tecnológica