

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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WO2013132342 A2	MALASPINA LABS BARBADOS INC [BB]	VOICE SIGNAL ENHANCEMENT
WO2013131919 A1	OBERTHUR FIDUCIAIRE SAS [FR]	SECURITY DOCUMENT PROVIDED WITH A TACTILE MARK AND A TEXTURED AREA AND METHOD FOR PRODUCING SAME
WO2013129934 A1	ABLECON AS [NO]	AIDING SYSTEM
WO2013125780 A1	KWAK DONG-HWAN [KR]	DISPLAY STRUCTURE CAPABLE OF BEING VIEWED WHILE LYING DOWN
WO2013124694 A1	TSITIMAKIS PANAGIOTIS [IT]	METHOD-SYSTEM OF PARKING A VEHICLE USING ONLY FRONT ROAD COURSE AND PLACEMENT OF THE REAR OF THE VEHICLE IN A FINAL PARKING POSITION BY AN AUXILIARY MECHANISM
WO2013124160 A1	SICPA HOLDING SA [CH]	AUDIBLE DOCUMENT IDENTIFICATION FOR VISUALLY IMPAIRED PEOPLE
WO2013120956 A1	COLOR GRAIL RES [FR]	METHOD AND DEVICE FOR MEASURING THE COLOUR OF AN OBJECT
WO2013120180 A1	ESIGHT CORP [CA]	AN APPARATUS AND METHOD FOR ENHANCING HUMAN VISUAL PERFORMANCE IN A HEAD WORN VIDEO SYSTEM
WO2013118987 A1	SAMSUNG ELECTRONICS CO LTD [KR]	CONTROL METHOD AND APPARATUS OF ELECTRONIC DEVICE USING CONTROL DEVICE
WO2013117800 A1	NOKIA CORP [FI]	METHODS AND APPARATUS FOR REPRESENTING USER OUTPUT DATA BY TRANSCUTANEOUS STIMULATION OF A USER'S OPTIC NERVE
WO2013115770 A1	EMPIRE TECHNOLOGY DEV LLC [US]; CASASANTA VINCENZO [US]	SYSTEMS, MATERIALS, AND METHODS FOR A MECHANICAL STRESS ACTIVATED INTERFACE USING PIEZO-OPTICAL COMPONENTS
WO2013114831 A1	SONY CORP [JP]	INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM
WO2013114638 A1	RAKUTEN INC [JP]; SAKAMAKI RYUJI [JP]; KOIKE HIROYUKI [JP]; MASUKO SOH [JP]	IMAGE PROCESSING SYSTEM, IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, PROGRAM, AND INFORMATION STORAGE MEDIUM

WO2013113725 A1	WINCOR NIXDORF INT GMBH [DE]	AID DEVICE FOR VISUALLY IMPAIRED PERSONS FOR OPERATING A TOUCH SCREEN, IN PARTICULAR OF AN AUTOMATED TELLER MACHINE
WO2013112520 A1	AUGME TECHNOLOGIES INC [US]	SYSTEM AND METHOD FOR ACCESSING PRODUCT INFORMATION FOR AN INFORMED RESPONSE
WO2013112404 A1	AUGME TECHNOLOGIES INC [US]	SYSTEM AND METHOD FOR AUGMENTED REALITY USING MULTI-MODAL SENSORY RECOGNITION FROM ARTIFACTS OF INTEREST
WO2013102052 A1	BLOOMBERG FINANCE LP [US]	SYSTEM AND METHOD FOR INTERACTIVE AUTOMATIC TRANSLATION
WO2013102014 A1	UDUEHI JOSEPH [US]	METHODS AND SYSTEMS FOR COMMUNICATING COLORS TO AND FROM COLORBLIND PEOPLE
WO2013100243 A1	N Y J [KR]; CHO DONG PYO [KR]	FLOWER TOWER HAVING IDENTIFICATION TAG FOR FLOWER RECOGNITION FOR VISUALLY IMPAIRED PERSON
WO2013094796 A1	KOREA MOONHWA PRINTING ASS OF PERSON WITH DISABILITIES [KR]; KIM SUK HYUN [KR]	FRAGRANT BUSINESS CARD
WO2013107516 A1	PHONAK AG [CH]	WIRELESS SOUND TRANSMISSION AND METHOD
WO2013106342 A1	VOXX INTERNAT CORP [US]	PERSONAL SOUND AMPLIFIER
WO2013098974 A1	TOA CORP [JP]; SHIBATA TOSHIKAZU [JP]	PORTABLE AUDIO PLAYBACK DEVICE
WO2013098423 A1	ACCIONA INFRASTRUCTURAS S A [ES]	ASSISTANCE DEVICE
WO2013115665 A1	QUADRA GRAPHIC D O O [RS]; KOVACEVIC DUSAN [RS]; IVANOVIC VLADISLAV [RS]	HYBRID VOUCHER
WO2013097429 A1	LG ELECTRONICS CHINA RES & DEV [CN]	METHOD AND APPARATUS FOR RECOGNIZING VIDEO CAPTIONS
WO2013091693 A1	PHONAK AG [CH]; WALDMANN BERND [CH]	METHOD FOR CONTROLLING OPERATION OF A HEARING DEVICE
WO2013091075 A1	SOSCHEN ALONA [CA]	NATURAL LANGUAGE PROCESSOR
WO2013088204 A1	ZAPATA ZULUAGA LUZ ALEXANDRA [CO]	SYSTEM FOR DEVELOPING DRAWING SKILLS IN VISUALLY IMPAIRED PERSONS, COMPRISING A DRAWING SURFACE AND A WRITING SYSTEM

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AYUDA A LA MOVILIDAD

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WO2013124586 A1	ASS INST DE MYOLOGIE [FR]	DEVICE FOR EVALUATING THE DISTAL MOTOR SKILLS OF THE UPPER LIMBS OF A PERSON
WO2013122517 A1	HANDICARE AB [SE]; BRAENNSTROEM AASA [SE]	PHYSICAL AID DEVICE WITH A HOLDER
WO2013120981 A1	ZEITLAUF GMBH ANTRIEBSTECHNIK & CO KG [DE]	LIFTING DEVICE, IN PARTICULAR PATIENT LIFTER, HAVING AN ANTI-ROLLING LOCK
WO2013117473 A1	ALLHEILLY JEAN-FRANCOIS [FR]	DEVICE FOR INCREASING THE LIFT OF A CYCLE-TYPE VEHICLE
WO2013106532 A1	BROWN GARRETT W [US]	LOAD AND TORQUE RESISTANT CALIPER EXOSKELETON
WO2013100503 A1	POSCO [KR]	WHEELBASE FOR MOVABLE STRUCTURE
WO2013095501 A1	NORTHERN ILLINOIS RES FOUNDATION [US]; SONG SHIN-MIN [US]	OBSTACLE CROSSING WHEELCHAIR AND METHOD OF USE
WO2013094747 A1	UNIV SHINSHU [JP]	MOVEMENT ASSISTANCE DEVICE, AND SYNCHRONY BASED CONTROL METHOD FOR MOVEMENT ASSISTANCE DEVICE
WO2013090273 A1	TECHNICAL VISION INC [US]	ILLUMINATED MOBILITY ENHANCING DEVICE

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TELEASISTENCIA SANITARIA

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WO2013138372 A1	TEXAS INSTRUMENTS INC [US]; [FR]; [JP]	REAL TIME QRS DETECTION USING ADAPTIVE THRESHOLD
WO2013130734 A1	IROBOT CORP [US]	MOBILE ROBOT
WO2013129839 A1	SAMSUNG ELECTRONICS CO LTD [KR]	APPARATUS AND METHOD OF PROVIDING MEDICAL DATA BASED ON A HANDOVER OF A MEDICAL SENSOR
WO2013128972 A1	NEC CORP [JP]; CHIBA YUKI [JP]; MIYAZAKI YOJI [JP]	MOVEMENT DETERMINATION DEVICE, MOVEMENT DETERMINATION SYSTEM AND MOVEMENT DETERMINATION METHOD
WO2013128340 A1	KONINK PHILIPS N V [NL]	SINGLE USE AED
WO2013126557 A2	MGOODLIFE CORP [US]; CUTHBERT MELINDA [US]	PERSONALIZATION PLATFORM FOR BEHAVIORAL CHANGE
WO2013119982 A2	MASIMO CORP [US]	WIRELESS PATIENT MONITORING DEVICE
WO2013106584 A1	ERROR FREE SYSTEMS LLC [US]	COMPUTER SYSTEM AND METHOD FOR MANAGING MEDICAL CARE
WO2013106038 A2	UNIV JOHNS HOPKINS [US]; CHENG ALAN [US]; HALPERIN HENRY [US]	AUTOMATIC EXTERNAL DEFIBRILLATOR FOR IMPLATABLE CARDIAC DEFIBRILLATOR PATIENTS UNDERGOING PROCEDURES INVOLVING ELECTROMAGNETIC INTERFERENCE
WO2013103342 A1	DRAEGER MEDICAL SYSTEMS INC [US]	PATIENT IDENTIFICATION AND MONITORING SYSTEM
WO2013100639 A1	SAMSUNG ELECTRONICS CO LTD [KR]	METHOD AND APPARATUS FOR PROVIDING HOME SECURITY SERVICE IN COMMUNICATION SYSTEM
WO2013099091 A1	PANASONIC CORP [JP]	SELF-PROPELLED ROBOT HAND
WO2013093686 A1	KONINKL PHILIPS ELECTRONICS NV [NL]	APPARATUS AND METHOD FOR MONITORING A SLEEPING PERSON

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OTRAS REFERENCIAS

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WO2013128141 A1	GENTILE HUGO DE [FR]	TEETH CLEANING DEVICE AND METHOD
WO2013126877 A1	MASSACHUSETTS INST TECHNOLOGY [US]	PERSONAL SKIN SCANNER SYSTEM
WO2013125480 A1	SAKAI MEDICAL CO LTD [JP]	BATHTUB
WO2013123587 A1	FAUBERT JOCELYN [CA]; CASTONGUAY JEAN [CA]	PERCEPTUAL-COGNITIVE-MOTOR LEARNING SYSTEM AND METHOD
WO2013123321 A1	DUNNE GRACE PEELE HILTON [US]	HANDLE AND CONNECTOR FOR AN ILLUSTRATION UNIT
WO2013122281 A1	HO YOUNG HIGHTECK CO LTD [KR]; CHOI SEONG BOK [KR]	WOOD DECK UNIT FOR VISUALLY HANDICAPPED PERSON
WO2013121575 A1	KJC COMM [JP]; CHOI JUNG SIC [JP]	SPOON OR FORK, OR SPOON AND FORK
WO2013114320 A1	COCHLEAR LTD [AU]; ANDERSSON MARCUS [SE]	TRANSCUTANEOUS BONE CONDUCTION DEVICE VIBRATOR HAVING MOVABLE MAGNETIC MASS
WO2013110481 A2	BOSCH GMBH ROBERT [DE]; SEITER MICHAEL [JP]; GERLACH ANDRE [DE]	ARRANGEMENT FOR GENERATING AND/OR DETECTING ULTRASONIC WAVES AND METHOD FOR PRODUCING AN ARRANGEMENT FOR GENERATING AND/OR DETECTING ULTRASONIC WAVES
WO2013108502 A1	SHOWA DENKO KK [JP]	BED WITH LOAD DETECTION FUNCTION, AND LOAD DETECTOR FOR BED
WO2013107506 A1	PHONAK AG [CH]; CHERIGUI FETHI [CH]	HEARING DEVICE WITH A MEANS FOR RECEIVER CURRENT ESTIMATION AND A METHOD OF ESTIMATING A RECEIVER CURRENT FOR A HEARING DEVICE
WO2013106653 A1	GOODLUX TECHNOLOGY LLC [US]	LIGHT THERAPY MONITORING
WO2013105850 A1	HANDELS EN BEHEERMIJ A A DE GROOT UITHOORN B V [NL]; DE GROOT ALBERTUS ABRAHAM PETRUS [NL]	OPERATING DEVICE TO CONTROL AND DRIVE A CLOSING AND/OR LOCKING MECHANISM OF A DOOR, WINDOW OR PANEL.
WO2013105039 A1	GARMIN SWITZERLAND GMBH [CH]	METHOD AND SYSTEM FOR DETERMINING USER PERFORMANCE CHARACTERISTICS
WO2013104676 A1	SANOFI AVENTIS DEUTSCHLAND [DE]	APPARATUS HAVING A LIGHT EMITTING PART
WO2013103853 A2	NEALE TOM [US]	FASTENING SYSTEM AND METHOD
WO2013098748 A2	KONINKL PHILIPS ELECTRONICS NV [NL]	SYSTEM AND METHOD FOR PRIORITIZING RISK MODELS AND SUGGESTING SERVICES BASED ON A PATIENT PROFILE

WO2013093811 A2	COCHLEAR LTD [AU]	STIMULATION PROSTHESIS WITH CONFIGURABLE DATA LINK
WO2013093145 A1	UNIV MADRID CARLOS III [ES]	ELECTROMECHANICAL PORTABLE ASSISTANCE DEVICE
WO2013091724 A1	PHONAK AG [CH]; BAER DANIEL [CH]; HUG ROLAND [CH]; MEYER JONAS [CH]	TIP-PLATE ASSEMBLY, HEARING DEVICE WITH A TIP-PLATE ASSEMBLY AND METHOD OF MANUFACTURING A HEARING DEVICE WITH A TIP-PLATE ASSEMBLY
WO2013087930 A1	PRINTECHNOLOGICS GMBH [DE]	TOUCH-SENSITIVE DATA CARRIER AND METHOD

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