

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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WO2013080630 A1	HITACHI OMRON TERMINAL SOLU [JP], FUJIOKA TOSHINORI	AUTOMATIC TRANSACTION DEVICE
WO2013078665 A1	MOTOROLA MOBILITY INC [US] et al.	METHODS PERFORMED BY ELECTRONIC DEVICES THAT FACILITATE NAVIGATING A WEBPAGE
WO2013074171 A1	GOOGLE INC [US] et al.	CUSTOM NARRATION OF ELECTRONIC BOOKS
WO2013067145 A1	UNIV NORTHEASTERN [US]	SYSTEMS AND METHODS FOR ENHANCING PLACE-OF- ARTICULATION FEATURES IN FREQUENCY-LOWERED SPEECH
WO2013061168 A2	TACMONCO LTD [GB]	TACTILE SIGNALLING DEVICE, ESPECIALLY FOR PROVIDING PICTURE AND GRAPHICAL INFORMATION FOR THE VISUALLY IMPAIRED
WO2013060711 A2	WRENSHALL PETER [GB]	A SYSTEM FOR ASSISTING IN MODIFYING WEBSITES
WO2013059894 A1	ESTADUAL DE CAMPINAS UNICAMP [BR] et al.	SYSTEM AND METHOD FOR GENERATING CONTENT IN SIGN LANGUAGE PRESENTED BY A VIRTUAL THREE- DIMENSIONAL AGENT
WO2013057438 A1	ESII [FR]	METHOD FOR THE SENDING AND SOUND REPRODUCTION OF AUDIO INFORMATION
WO2013056343 A1	LI MING [CA] et al.	SYSTEM, METHOD AND COMPUTER PROGRAM FOR CORRECTING SPEECH RECOGNITION INFORMATION
WO2013054029 A1	POULLAIN FRANCK [FR]	COMMUNICATION TABLET FOR TEACHING
WO2013050749 A1	TECHNOLOGY PARTNERSHIP [GB]	ASSISTIVE DEVICE FOR CONVERTING AN AUDIO SIGNAL INTO A VISUAL REPRESENTATION
WO2013049884 A1	TAPESTRY PTY LTD [AU]	COMPUTER IMPLEMENTED FRAMEWORKS AND METHODOLOGIES FOR PROVIDING SIMPLIFIED COMPUTING FUNCTIONALITIES TO USERS

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AYUDA A LA MOVILIDAD

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO2013086035 A1	UNIV NORTHEASTERN [US]	ORTHOPEDIC LOWER BODY EXOSKELETON FOR CONTROL OF PELVIC OBLIQUITY DURING GAIT OVERGROUND
WO2013081523 A1	HANDICARE AB [SE] et al.	GUIDING CONTROL DEVICE FOR BELT HOIST
WO2013079359 A1	AMS MEKATRONIK SISTEMLER AR GE MUEHENDISLIK YAZILIM SANAYI VE TICARET	TRANSPORT DEVICE
WO2013068624 A1	ESCALERA SOLER MANUEL [ES], ESCALERA SOLER JUAN [ES]	DEVICE FOR ASSISTING HANDICAPPED PEOPLE IN ACCESSING SWIMMING POOLS OR SURFACES AT A DIFFERENT LEVEL
WO2013067539 A1	MASSACHUSETTS EYE & EAR INFIRM [US], US DEPT VETERANS AFFAIRS [US]	ADAPTIVE VISUAL ASSISTIVE DEVICE
WO2013065563 A1	MURATA MACHINERY LTD [JP], UNIV KEIO [JP]	GAIT CHARACTERISTIC ACQUISITION DEVICE
WO2013063200 A1	EMBREY DAVID G [US] et al.	FUNCTIONAL ELECTRICAL STIMULATION (FES) METHOD AND SYSTEM TO IMPROVE WALKING AND OTHER LOCOMOTION FUNCTIONS
WO2013059227 A1	INTERACTIVE PHYSICAL THERAPY LLC [US]	INTERACTIVE PHYSICAL THERAPY
WO2013054257 A1	MEDICAL RES INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE TEL AVIV MEDICAL CT [IL]	VIRTUAL REALITY FOR MOVEMENT DISORDER DIAGNOSIS AND/OR TREATMENT
WO2013051044 A1	LIONELLO LETIZIA [IT]	MOTORED ARMCHAIR
WO2013049658 A1	UNIV NORTHEASTERN [US] et al.	LOWER EXTREMITY EXOSKELETON FOR GAIT RETRAINING
WO2013046840 A1	SONY CORP [JP], NAGASAKA KENICHIRO [JP]	MOVEMENT ASSISTING DEVICE AND MOVEMENT ASSISTING METHOD, COMPUTER PROGRAM, AND PROGRAM STORAGE MEDIUM
WO2013046510 A1	TERUMO CORP [JP] et al.	WALKING MOTION ANALYSIS SYSTEM, INFORMATION PROCESSING DEVICE, AND WALKING MOTION MONITORING DEVICE
WO2013046234 A1	INDIAN INST OF TECHNOLOGY KHARAGPUR [IN]	VENUCANE: AN ELECTRONIC TRAVEL AID FOR VISUALLY IMPAIRED AND BLIND PEOPLE.

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TELEASISTENCIA SANITARIA

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WO2013084139 A1	KONINKL PHILIPS ELECTRONICS NV [NL]	ELECTRONIC KEY CONVEY SOLUTION FOR IN-HOSPITAL MEDICAL BODY AREA NETWORK (MBAN) SYSTEMS
WO2013082087 A1	VOICEHIT [US]	ELECTRONIC HEALTH RECORD SYSTEM AND METHOD FOR PATIENT ENCOUNTER TRANSCRIPTION AND DOCUMENTATION
WO2013076221 A1	ALCATEL LUCENT [FR]	METHOD OF MONITORING A PORTABLE DEVICE
WO2013074692 A1	ULTRACLENZ LLC [US]	SANITIZATION COMPLIANCE MONITORING SYSTEM WITH SECURITY ENHANCEMENTS
WO2013074635 A2	FRESENIUS MED CARE HLDG INC [US] et al.	REMOTE CONTROL OF DIALYSIS MACHINES
WO2013071354 A1	UNIV SYDNEY TECH [AU]	MONITORING A PERSON
WO2013069565 A1	STELLA GREEN CORP [JP]	IMAGING/RECORDING DEVICE
WO2013069002 A1	NAT UNIV IRELAND [IE], UNIV LIMERICK [IE]	A SYSTEM FOR THE MANAGEMENT AND PREVENTION OF VENOUS POOLING
WO2013067367 A1	OHMERA MEDICAL TECHNOLOGIES INC [US]	SYSTEMS AND METHODS FOR THERAPEUTIC TREATMENTS OF VARIOUS CONDITIONS OF A FEMALE PERSON
WO2013067159 A1	THERANOVA LLC [US]	SYSTEMS AND METHODS FOR USING LOCATION TRACKING TO MONITOR OR DIAGNOSE CLINICAL CONDITIONS
WO2013066642 A1	SCANADU INC [US]	AUTOMATED PERSONAL MEDICAL DIAGNOSTIC SYSTEM, METHOD, AND ARRANGEMENT
WO2013064374 A1	SIEMENS AG [DE]	MODULAR ASSISTANCE SYSTEM
WO2013062101 A1	HOCHIKI CO [JP]	ALERT LINKING SYSTEM AND NETWORK ADAPTER
WO2013061293 A1	KONINKL PHILIPS ELECTRONICS NV [NL]	SENSOR FOR FLUID-SOLUBLE GAS
WO2013061245 A1	KONINKL PHILIPS ELECTRONICS NV [NL]	SENSOR FOR FLUID-SOLUBLE GAS
WO2013061242 A1	KONINKL PHILIPS ELECTRONICS NV [NL]	SLEEP STAGE ANNOTATION SYSTEM FOR INFANTS
WO2013061180 A1	KIMBERLY CLARK CO [US]	A SYSTEM FOR DETECTION AND MONITORING OF BODY EXUDATES USING A GAS EMITTING SUBSTANCE FOR USE IN INTERACTIVE TOILET TRAINING
WO2013059707 A1	QUALCOMM INC [US]	DISTRIBUTED CONTROL OF MEDICAL DEVICES TO AVOID EFFECTS OF INTERFERENCE
WO2013059246 A1	GEN 9 INC [US]	TRACKING ACTIVITY, VELOCITY, AND HEADING USING SENSORS IN MOBILE DEVICES OR OTHER SYSTEMS

WO2013058985 A1	KIMMEL ZEBADIAH M [US]	METHOD AND APPARATUS FOR DETECTING DETERIORATION OF HEALTH STATUS
WO2013056379 A1	BIOVOTION AG [CH] et al.	SYSTEM FOR NONINVASIVE OPTICAL MEASUREMENTS OF PHYSIOLOGICAL PROPERTIES IN TISSUE
WO2013056335 A1	UNIV HEALTH NETWORK [CA] et al.	EMERGENCY DETECTION AND RESPONSE SYSTEM AND METHOD
WO2013049336 A2	SIEMENS INDUSTRY INC [US], BARKER KIMBERLY ANN [US]	SYSTEM AND DEVICE FOR PATIENT ROOM ENVIRONMENTAL CONTROL AND METHOD OF CONTROLLING ENVIRONMENTAL CONDITIONS IN A PATIENT ROOM
WO2013049297 A2	SIEMENS INDUSTRY INC [US], BARKER KIMBERLY ANN [US]	OCCUPANCY DRIVEN PATIENT ROOM ENVIRONMENTAL CONTROL
WO2013046017 A2	GEN ELECTRIC [US] et al.	BULB LIGHTING DEVICE AND SYSTEM COMPRISING SUCH DEVICE TO MONITOR PATIENTS IN HOME ENVIRONMENT
WO2013044069 A1	AETHON INC [US] et al.	MONITORING, DIAGNOSTIC AND TRACKING TOOL FOR AUTONOMOUS MOBILE ROBOTS
WO2013042631 A1	PARAMOUNT BED KK [JP] et al.	BED-LEAVING REPORTING DEVICE AND PROGRAM

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OTRAS REFERENCIAS

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WO2013094849 A1	KOREA MACH & MATERIALS INST [KR] et al.	METHOD FOR MANUFACTURING FREQUENCY SEPARATION DEVICE FOR COCHLEAR IMPLANT USING NANOWIRE GROWTH
WO2013086534 A1	NEURODAR LLC [US], CAPIK JOHN [US]	APPARATUS, SYSTEM, AND METHOD FOR THERAPY BASED SPEECH ENHANCEMENT AND BRAIN RECONFIGURATION
WO2013084211 A1	COCHLEAR LTD [AU]	CONTROLLING A LINK FOR DIFFERENT LOAD CONDITIONS
WO2013082520 A1	ENHANCED VISION SYSTEMS INC [US]	VIEWING AID WITH TRACKING SYSTEM, AND METHOD OF USE
WO2013081560 A1	KULAH HALUK [TR] et al.	AN ENERGY HARVESTING COCHLEAR IMPLANT
WO2013078406 A1	ICHECK HEALTH CONNECTION INC [US]	VIDEO GAME TO MONITOR RETINAL DISEASES
WO2013076334 A1	SLAVUTSKY JOISON VICTOR GUSTAVO [ES]	AUDITORY STIMULATION SYSTEM
WO2013075848 A1	JACOTI BVBA [BE] et al.	SYSTEM AND METHOD FOR SIGNAL LEVEL DETECTION
WO2013072431 A1	DEWERTOKIN GMBH [DE]	ARRANGEMENT WITH AN ELECTROMOTIVE FURNITURE DRIVE AND A DATA DEVICE. METHOD FOR ESTABLISHING A COMMUNICATION CONNECTION BETWEEN THE ELECTROMOTIVE FURNITURE DRIVE AND THE DATA DEVICE. AND A CORRESPONDING FURNITURE DRIVE
WO2013067261 A1	MED EL ELEKTROMED GERAETE GMBH [US]	TRANSPOSITIONAL ACOUSTIC FREQUENCY RANGE IN EAS PATIENTS
WO2013061268 A2	ARIEL UNIVERSITY RES AND DEV COMPANY LTD [IL]	METHOD AND DEVICE FOR ACCURATE LOCATION DETERMINATION IN A SPECIFIED AREA
WO2013056099 A1	FLINT HILLS SCIENT LLC [US] et al.	APPARATUS AND SYSTEMS FOR EVENT DETECTION USING PROBABILISTIC MEASURES
WO2013055686 A1	STAGE 5 INNOVATION LLC [US] et al.	SYSTEMS AND METHODS FOR PROCESSING THE REDEMPTION OF HEALTH CARE CREDITS
WO2013052846 A1	BRAIN BASKET LLC [US]	AUDITORY COMPREHENSION AND AUDIBILITY DEVICE
WO2013052817 A2	GEN MEDVENTURES INTERNATIONAL LLC [US], NICKELSON DANNY L [US]	PORTABLE ARTICLE FOR ADMINISTERING THERAPY TO A USER
WO2013050073 A1	SENSIMED SA [CH], LEONARDI MATTEO [CH]	INTRAOCULAR PRESSURE MEASURING AND/OR MONITORING DEVICE
WO2013049890 A1	BIONICS INST OF AUSTRALIA [AU]	VISUAL PROSTHESIS APPARATUS

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