

Boletín VT

SERVICIOS E INTERFACES AVANZADOS MÓVILES

3.^{er} trimestre 2011

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Vigilancia Tecnológica

Las nuevas tecnologías de comunicaciones móviles están constituyendo un pilar fundamental en el desarrollo de la nueva Sociedad de la Información y del Conocimiento, ofreciendo, a través de potentes terminales portátiles inalámbricos, un acceso cómodo, instantáneo y seguro a multitud de servicios y contenidos de gran interés tanto para empresas como para individuos en particular.

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 de comunicaciones móviles, en relación con algunos de los aspectos que mayor incidencia tienen sobre el usuario final, tal como son las nuevas interfaces de operación de dispositivos móviles (pantallas táctiles, menús intuitivos, control por voz, teclados integrados), o los

nuevos servicios avanzados relativos a la comunicación e integración de redes sociales, los servicios de pago electrónico mediante dispositivos móviles, los servicios que se prestan en función de la posición y localización de los usuarios o los servicios de difusión de televisión hacia terminales móviles.

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:

- Interfaces móviles
- Servicios móviles avanzados
 - Redes sociales
 - Pagos electrónicos mediante terminales móviles
 - Basados en la localización
 - Televisión móvil
- 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.

INTERFACES MÓVILES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
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WO 2011112498 A1	SIFTEO INC [US] et al.	PHYSICAL ACTION LANGUAGES FOR DISTRIBUTED TANGIBLE USER INTERFACE SYSTEMS
WO 2011105000 A1	PANASONIC CORP [JP] et al.	BRAIN WAVE INTERFACE SYSTEM, BRAIN WAVE INTERFACE PROVISION DEVICE, EXECUTION METHOD OF BRAIN WAVE INTERFACE, AND PROGRAM
WO 2011104673 A1	NOKIA CORP [FI] et al.	GESTURE CONTROL
WO 2011103337 A2	GOOGLE INC [US], LI YANG [US]	TRANSLATING USER INTERACTION WITH A TOUCHSCREEN INTO TEXT
WO 2011100623 A2	MICROSOFT CORP [US]	MULTI-LAYER USER INTERFACE WITH FLEXIBLE PARALLEL AND ORTHOGONAL MOVEMENT
WO 2011100599 A2	MICROSOFT CORP [US]	MULTI-LAYER USER INTERFACE WITH FLEXIBLE PARALLEL MOVEMENT
WO 2011099807 A2	SAMSUNG ELECTRONICS CO LTD [KR] et al.	METHOD AND APPARATUS FOR PROVIDING HISTORY OF INFORMATION ASSOCIATED TO TIME INFORMATION
WO 2011096675 A2	SAMSUNG ELECTRONICS CO LTD [KR] et al.	MOBILE DEVICE WITH DUAL DISPLAY UNITS AND METHOD FOR CONTROLLING THE DUAL DISPLAY UNITS
WO 2011095693 A1	AXEL TECHNOLOGIES [FI]	USER INTERFACE OF MEDIA DEVICE
WO 2011094281 A1	APPLE INC [US] et al.	DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR SELECTING AND MOVING OBJECTS
WO 2011094276 A1	APPLE INC [US] et al.	DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR PRECISE POSITIONING OF OBJECTS
WO 2011094267 A1	APPLE INC [US] et al.	GESTURE RECOGNIZERS WITH DELEGATES FOR CONTROLLING AND MODIFYING GESTURE RECOGNITION
WO 2011093045 A1	KYOCERA CORP [JP], KINOSHITA KENTA [JP]	TACTILE-FEEL PROVIDING DEVICE AND TACTILE-FEEL PROVIDING METHOD
WO 2011092677 A1	NOKIA CORP [FI], KAURANEN EERO MATTI JUHANI [FI]	METHOD AND APPARATUS FOR ADJUSTING A PARAMETER
WO 2011085117 A1	APPLE INC [US] et al.	DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR NAVIGATING AND DISPLAYING CONTENT IN CONTEXT
WO 2011084956 A2	QUALCOMM INC [US] et al.	USER INTERFACE METHODS AND SYSTEMS FOR PROVIDING FORCE-SENSITIVE INPUT
WO 2011084156 A2	APPLE INC [US], VAN OS MARCEL [US]	DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR MAPPING DIRECTIONS BETWEEN SEARCH RESULTS
WO 2011088611 A1	NOKIA CORP [FI] et al.	USER INPUT
WO 2011088282 A1	APPLE INC [US] et al.	API TO REPLACE A KEYBOARD WITH CUSTOM CONTROLS
WO 2011088134 A2	APPLE INC [US] et al.	TECHNIQUES AND SYSTEMS FOR ENHANCING TOUCH SCREEN DEVICE ACCESSIBILITY THROUGH VIRTUAL CONTAINERS AND VIRTUALLY ENLARGED BOUNDARIES
WO 2011082315 A1	GOOGLE INC [US], TSENG ERICK [US]	TOUCH SENSOR AND TOUCHSCREEN USER INPUT COMBINATION
WO 2011080616 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR FLUID GRAPHICAL USER INTERFACE
WO 2011077005 A1	NOKIA CORP [FI], OJALA PASI [FI]	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR FACILITATING EFFICIENT BROWSING AND SELECTION OF MEDIA CONTENT & LOWERING COMPUTATIONAL LOAD FOR PROCESSING AUDIO DATA

[WO 2011075883 A1](#)

NOKIA CORP [FI] et
al.

OUTPUT CONTROL USING GESTURE INPUT

[...ver más](#)

SERVICIOS MÓVILES AVANZADOS

REDES SOCIALES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2011107952 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING MEDIA MIXING BASED ON USER INTERACTIONS
WO 2011094054 A1	GOOGLE INC [US] et al.	AUTOMATICALLY SCHEDULE AND RE-SCHEDULE MEETINGS THROUGH SEARCH INTERFACE
WO 2011073504 A1	NOKIA CORP [FI], HORII HIROSHI [US]	METHOD AND APPARATUS FOR UTILIZING COMMUNICATION HISTORY

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PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2011109508 A2	VISA INT SERVICE ASS [US] et al.	SYSTEMS AND METHODS USING MOBILE DEVICE IN PAYMENT TRANSACTION
WO 2011100001 A1	CELLULAR EXPRESS INC [US] et al.	INTEGRATED SYSTEM AND METHOD FOR ENABLING MOBILE COMMERCE TRANSACTIONS USING ACTIVE POSTERS AND CONTACTLESS IDENTITY MODULES
WO 2011089317 A1	HAARA JUHA [FI]	CLIENT SERVICE SYSTEM FOR CANTEEN
WO 2011088970 A1	GIESECKE & DEVRIENT GMBH [DE] et al.	METHOD FOR CARRYING OUT A TRANSACTION BETWEEN A PORTABLE DATA CARRIER AND A TERMINAL
WO 2011088508 A1	GLENCURR PTY LTD [AU], GLENDENNING CRAIG [AU]	METHOD, DEVICE AND SYSTEM FOR SECURING PAYMENT DATA FOR TRANSMISSION OVER OPEN COMMUNICATION NETWORKS

[..ver más](#)

BASADOS EN LA LOCALIZACIÓN

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2011109347 A1	HALLAS MARIA E [US]	LOCATION BASED VIRTUAL TOUR
WO 2011104698 A2	NOKIA CORP [FI] et al.	METHOD AND APPARATUS PROVIDING FOR CONTROL OF A CONTENT CAPTURING DEVICE WITH A REQUESTING DEVICE TO THEREBY CAPTURE A DESIRED CONTENT SEGMENT
WO 2011102682 A2	HONG WOON SIG [KR]	INTERFACING APPARATUS FOR TRANSMITTING MOVING IMAGE BETWEEN COMMUNICATION TERMINALS AND METHOD THEREOF
WO 2011092639 A1	NOKIA CORP [FI] et al.	SYSTEMS, METHODS, AND APPARATUSES FOR PROVIDING CONTEXT-BASED NAVIGATION SERVICES
WO 2011091298 A1	QUALCOMM INC [US] et al.	MAP HANDLING FOR LOCATION BASED SERVICES IN CONJUNCTION WITH LOCALIZED ENVIRONMENTS
WO 2011087930 A2	MICROSOFT CORP [US]	FINE-GRAINED LOCATION DETERMINATION OF NETWORKED COMPUTERS
WO 2011080600 A1	NOKIA CORP [FI], PREHOFER CHRISTIAN [FI]	METHOD AND APPARATUS FOR VISUALLY INDICATING LOCATION PROBABILITY
WO 2011080596 A2	FRANCE TELECOM [FR] et al.	A SYSTEM AND METHOD FOR PROVIDING INDICATIONS OF PARTICIPATING ADVERTISERS TO A PORTABLE USER DEVICE
WO 2011080385 A1	NOKIA CORP [FI], KANKAINEN MIKKO [FI]	METHOD AND APPARATUS FOR DECLUTTERING A MAPPING DISPLAY

[..ver más](#)

TELEVISIÓN MÓVIL

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2011112003 A2	SAMSUNG ELECTRONICS CO LTD [KR]	METHOD AND APPARATUS FOR PROVIDING BROADCAST CONTENT AND SYSTEM USING THE SAME
WO 2011099655 A1	CYDLE CORP [KR], KIM YONG HUN [KR]	PORTABLE MOBILE TV SERVICE DEVICE
WO 2011085246 A1	QUALCOMM INC [US] et al.	ADAPTIVE MONITORING METHOD FOR UPDATE DETECTION IN A MOBILE BROADCAST NETWORK
WO 2011081816 A1	MOBITV INC [US] et al.	DATA MEASUREMENT AND FEEDBACK MECHANISM USING AN APPLICATION FRAMEWORK
WO 2011075876 A1	ERICSSON TELEFON AB L M [SE] et al.	PICTURE IN PICTURE FOR MOBILE TV

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2011106687 A1	WHICHBOX MEDIA LLC [US], BENNETT BETTINA [US]	ALL MEDIA STORY TELLING SYSTEM AND METHOD
WO 2011100142 A2	HEWLETT PACKARD DEVELOPMENT CO [US] et al.	MOBILE DEVICE HAVING PLURALITY OF INPUT MODES
WO 2011098978 A1	NOKIA CORP [FI], KULMALA JANNE MIKAEL [FI]	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR SETTING THE MOST PLAYED ITEMS OF MEDIA DATA AS RINGTONE ALERTS
WO 2011085018 A1	APPLE INC [US] et al.	CONNECTING MULTIPLE ACCESSORIES TO A PORTABLE COMPUTING DEVICE
WO 2011084195 A1	APPLE INC [US] et al.	PROVIDING POWER TO AN ACCESSORY DURING PORTABLE COMPUTING DEVICE HIBERNATION
WO 2011088868 A1	SONY ERICSSON MOBILE COMM AB [SE] et al.	SELECTING AUDIO DATA TO BE PLAYED BACK IN AN AUDIO REPRODUCTION DEVICE
WO 2011080613 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR USER INTERACTION WHILE DEVICE IS LOCKED
WO 2011077284 A2	NOKIA CORP [FI] et al.	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR AUTOMATICALLY SAVING INFORMATION ASSOCIATED WITH ONE OR MORE UNKNOWN CONTACTS
WO 2011075113 A1	HEWLETT PACKARD DEVELOPMENT CO [US], MCCARTHY JOHN P [US]	STYLUS FOR A TOUCHSCREEN DISPLAY
WO 2011073712 A1	NOKIA CORP [FI], INHA KAI ALLAN [FI]	METHOD AND APPARATUS FOR HAVING MULTIPLE IDENTITIES ON A MOBILE DEVICE