

Boletín VT

SERVICIOS E INTERFACES AVANZADOS MÓVILES

4.º trimestre 2012

12

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.

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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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WO2012166736 A1	APPLE INC [US] et al.	DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR NAVIGATING AND EDITING TEXT
WO2012166280 A1	MOTOROLA MOBILITY LLC [US], MOORE STEPHEN C [US]	USING PRESSURE DIFFERENCES WITH A TOUCH-SENSITIVE DISPLAY SCREEN
WO2012166279 A1	MOTOROLA MOBILITY LLC [US], MOORE STEPHEN C [US]	USING PRESSURE DIFFERENCES WITH A TOUCH-SENSITIVE DISPLAY SCREEN
WO2012166173 A1	MICROSOFT CORP [US]	TARGET DISAMBIGUATION AND CORRECTION
WO2012164170 A1	NOKIA CORP [FI], SOHN TIMOTHY [US]	METHOD AND APPARATUS FOR SPATIALLY INDICATING NOTIFICATIONS
WO2012164155 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR COLLABORATIVE AUGMENTED REALITY DISPLAYS
WO2012162112 A1	NUMIA MEDICAL TECHNOLOGY LLC [US] et al.	A USER TOUCH SCREEN INTERFACE DEVICE
WO2012160247 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING INPUT THROUGH AN APPARATUS CONFIGURED TO PROVIDE FOR DISPLAY OF AN IMAGE
WO2012159243 A1	MICROSOFT CORP [US] et al.	USER INTERFACE FOR HANDWRITING INPUTS
WO2012158356 A1	GOOGLE INC [US], SANTORO DAVID T [US]	CONTROL OF A DEVICE USING GESTURES
WO2012150547 A2	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR FACILITATING INTERACTING WITH A MULTIMODAL USER INTERFACE
WO2012148844 A2	MICROSOFT CORP [US]	LASER DIODE MODES
WO2012148796 A1	MOTOROLA MOBILITY LLC [US] et al.	METHOD AND APPARATUS FOR EXCHANGING DATA WITH A USER COMPUTER DEVICE
WO2012145542 A1	SIFTEO INC et al.	MANIPULABLE CUBES BASE STATION
WO2012143891 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING A MULTI-DIMENSIONAL DATA INTERFACE
WO2012143890 A2	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING CONTENT FLIPPING BASED ON A SCROLLING OPERATION
WO2012142051 A2	MICROSOFT CORP [US]	GRAPHICAL USER INTERFACE WITH CUSTOMIZED NAVIGATION
WO2012138917 A2	GOOGLE INC [US], SEHRER TREVOR [US]	GESTURE-ACTIVATED INPUT USING AUDIO RECOGNITION
WO2012131166 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR MOTION GESTURE RECOGNITION
WO2012137107 A1	IBM [US] et al.	MANAGING ERRORS UTILIZING AUGMENTED REALITY
WO2012131584 A2	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING USER INTERFACES - (A3) METHOD AND APPARATUS FOR PROVIDING PROJECTED USER INTERFACES ON VARIOUS SURFACES
WO2012127430 A2	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING SIGHT INDEPENDENT ACTIVITY REPORTS RESPONSIVE TO A TOUCH GESTURE

WO2012125989 A2	LAUBACH KEVIN [US]	TOUCH ENHANCED INTERFACE
WO2012125988 A2	LAUBACH KEVIN [US]	INPUT DEVICE ENHANCED INTERFACE
WO2012134750 A1	EASTMAN KODAK CO [US] et al.	DIGITAL CAMERA FOR REVIEWING RELATED IMAGES
WO2012127329 A1	BANERJI SHYAMOL [IN], KANNAN SRIRAM [IN]	METHOD OF COLLABORATION BETWEEN DEVICES, AND SYSTEM THEREFROM
WO2012138395 A1	INTEL CORP [US], PICCOLOTTO JOSE P [AR]	METHOD OF CURSOR CONTROL
WO2012150963 A1	INTEL CORP [US] et al.	METHODS TO ADAPT USER INTERFACES AND INPUT CONTROLS
WO2012145815 A1	RESEARCH IN MOTION LTD [CA] et al.	SYSTEM AND METHOD FOR AUTOMATICALLY ANSWERING A CALL ON A COMMUNICATION DEVICE
WO2012144984 A1	HEWLETT PACKARD DEVELOPMENT CO [US], HUCK JEROME [US]	TOUCH SCREEN SELECTION
WO2012144667 A1	LG ELECTRONICS INC [KR] et al.	METHOD AND ELECTRONIC DEVICE FOR GESTURE RECOGNITION
WO2012122706 A1	UNIV BEIJING [CN], YUAN XIAORU [CN]	SUPERIMPOSED ANNOTATION OUTPUT

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SERVICIOS MÓVILES AVANZADOS

REDES SOCIALES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO2012166734 A2	CHANG ARTHUR [US]	ESTABLISHING CONNECTIONS AMONG ELECTRONIC DEVICES
WO2012158323 A1	GOOGLE INC [US] et al.	METHOD AND APPARATUS FOR ENABLING VIRTUAL TAGS
WO2012153320 A2	MALAVIYA RAKESH [IN]	SYSTEM AND METHOD FOR PERSONALIZED MEDIA RATING AND RELATED EMOTIONAL PROFILE ANALYTICS
WO2012156722 A1	CONNEXION2 LTD [GB], SWALLOW CRAIG [GB]	OPERATING A SERVER COMPUTER
WO2012151225 A1	BOYER JOHN EDWARD [US], BOYER CYNTHIA SMITH [US]	UNIFIED VIRTUAL GROUP CALENDAR SYSTEM
WO2012149332 A2	FACEBOOK INC [US], GARCIA DAVID HARRY [US]	DYNAMIC TAGGING RECOMMENDATION
WO2012139000 A1	QUALCOMM INC [US] et al.	METHOD AND APPARATUS FOR OPTIMIZED EXECUTION USING RESOURCE UTILIZATION MAPS
WO2012135804 A2	MIXAROO INC [US] et al.	SYSTEM AND METHOD FOR REAL-TIME PROCESSING, STORAGE, INDEXING, AND DELIVERY OF SEGMENTED VIDEO
WO2012138574 A1	QUALCOMM INC [US] et al.	RECOMMENDING MOBILE CONTENT BY MATCHING SIMILAR USERS
WO2012122184 A1	BANK OF AMERICA [US] et al.	PRESENTING INVESTMENT-RELATED INFORMATION ON A MOBILE COMMUNICATION DEVICE
WO2012126071 A1	MILLS GUSTAVO [BR] et al.	SOFTWARE-IMPLEMENTED METHOD AND SYSTEM FOR SYNCHRONISING PROGRAM AND COMMERCIAL CONTENT BROADCAST VIA TELEVISION, AND OF RENDERING SUCH CONTENT INTERACTIVE, WITH INTERACTIVE MEANS SUCH AS THE INTERNET, MOBILE AND SOCIAL NETWORKS
WO2012145004 A1	EMPIRE TECHNOLOGY DEV LLC [US], POLLARI ESA TAPANI [SG]	LOCATIVE SOCIAL NETWORKING USING A MOBILE DEVICE
WO2012134501 A1	PONIATOWSKI ROBERT F [US], TIVO INC [US]	PHRASE-BASED COMMUNICATION SYSTEM
WO2012129771 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR CREATING AN EPHEMERAL SOCIAL NETWORK

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PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO2012154189 A1	INTUIT INC [US] et al.	PROCESSING ELECTRONIC PAYMENT INVOLVING MOBILE COMMUNICATION DEVICE
WO2012145701 A2	VISA INT SERVICE ASS [US] et al.	ROUTING OPTIMIZATION
WO2012139976 A1	INGENICO SA [FR] et al.	MESSAGE MULTIPLEXING METHOD, DEVICE AND CORRESPONDING PROGRAM
WO2012136986 A1	VISA EUROP LTD, FISKE STUART [GB]	PAYMENT SYSTEM
WO2012122172 A2	BANK OF AMERICA [US] et al.	ASSESSING ENVIRONMENTAL CHARACTERISTICS IN A VIDEO STREAM CAPTURED BY A MOBILE DEVICE

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BASADOS EN LA LOCALIZACIÓN

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
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WO2012166356 A1	APPLE INC [US] et al.	MONITORING GEOFENCE EXIT
WO2012159252 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR MATCHING PUBLICATIONS AND SUBSCRIPTIONS BASED IN PART ON CONTEXTUAL CHARACTERISTICS ASSOCIATED WITH THE SUBSCRIPTIONS OR PUBLICATIONS
WO2012148683 A2	MOTOROLA MOBILITY LLC [US], MANNAN AZIMUL [IN]	METHOD AND SYSTEM FOR VICARIOUS DOWNLOADING OR UPLOADING OF INFORMATION
WO2012131150 A1	NOKIA CORP [FI], BERUS BERNARD [DE]	METHOD AND APPARATUS FOR PROVIDING COUPON INFORMATION VIA RING-BACK SIGNAL
WO2012131148 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR PROVIDING COLLABORATION BETWEEN REMOTE AND ON-SITE USERS OF INDIRECT AUGMENTED REALITY
WO2012123625 A1	NOKIA CORP [FI], SATHISH SAILESH KUMAR [FI]	METHOD AND APPARATUS FOR RECOMMENDING CONTENT BASED ON CONTENT PROVISION MODELS ASSOCIATED WITH SPATIAL REGIONS
WO2012148049 A1	DONG JIN COMPANY CO LTD [KR], CHOI DONG JIN [KR]	MOBILE SOCIAL COMMERCE SYSTEM
WO2012124109 A1	FUJITSU LTD [JP], AKIYAMA MASAKI [JP]	ELECTRONIC DEVICE, INFORMATION DISTRIBUTION SYSTEM, COMPUTER PROGRAM, AND POSITION-DEPENDENT INFORMATION PROVIDING METHOD

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TELEVISIÓN MÓVIL

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO2012151646 A1	MILLS GUSTAVO [BR] et al.	SYSTEM FOR SYNCHRONISING TELEVISION CONTENT AND INTERACTIVITY WITH PERSONAL DEVICES CONNECTED TO THE INTERNET OR MOBILE NETWORKS
WO2012148860 A1	QUALCOMM INC [US] et al.	CROSS CARRIER MLC SCHEDULING FOR MULTI-CARRIER NETWORKS IN THE PRESENCE OF MULTIPLE OPERATORS

[..ver más](#)

OTRAS REFERENCIAS

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WO2012162543 A1	REMOTE TECHNOLOGIES INC [US], DEMSKIE JOHN MICHAEL [US]	COMPANION CONTROL INTERFACE FOR SMART DEVICES
WO2012154230 A1	QUALCOMM INC [US] et al.	LEARNING SITUATIONS VIA PATTERN MATCHING
WO2012153019 A1	ARCHOS [FR] et al.	METHOD AND DEVICE FOR CONTROLLING AT LEAST ONE APPARATUS BY MEANS OF AT LEAST ONE OTHER APPARATUS, AND SYSTEM IMPLEMENTING SUCH A DEVICE
WO2012156581 A1	NOKIA CORP [FI], KEKKI SAMI JOHANNES [FI]	METHOD AND APPARATUS FOR CONSIDERING ROUTING INFORMATION IN THE DETERMINATION OF AN ACCESS NETWORK TO BE UTILIZED
WO2012148227 A2	SAMSUNG ELECTRONICS CO LTD [KR]	METHOD AND APPARATUS FOR PROVIDING DRM SERVICE
WO2012148925 A1	QUALCOMM INC [US], GRZECHNIK SLAWOMIR K [US]	DEVICES, METHODS AND APPARATUSES FOR HOMOGRAPHY EVALUATION INVOLVING A MOBILE DEVICE
WO2012135837 A1	QUALCOMM INC [US], WILBORN THOMAS B [US]	DYNAMIC IMAGE STABILIZATION FOR MOBILE/PORTABLE ELECTRONIC DEVICES
WO2012134797 A1	QUALCOMM INC [US] et al.	METHODS, DEVICES, AND APPARATUSES FOR ACTIVITY CLASSIFICATION USING TEMPORAL SCALING OF TIME-REFERENCED FEATURES
WO2012122248 A1	BANK OF AMERICA [US] et al.	CONDUCTING FINANCIAL TRANSACTIONS BASED ON IDENTIFICATION OF INDIVIDUALS IN AN AUGMENTED REALITY ENVIRONMENT
WO2012136880 A1	NOKIA CORP [FI] et al.	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR MANAGING MEDIA CONTENT
WO2012131149 A1	NOKIA CORP [FI] et al.	METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR DETECTION OF FACIAL EXPRESSIONS
WO2012134576 A1	INTEL CORP [US] et al.	TECHNIQUES FOR STYLE TRANSFORMATION
WO2012142751 A1	NOKIA CORP [FI] et al.	METHOD AND APPARATUS FOR FLEXIBLE DIVERSIFICATION OF RECOMMENDATION RESULTS
WO2012135979 A1	NOKIA CORP [FI] et al.	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING MULTI-VIEW FACE ALIGNMENT
WO2012127284 A1	SONY ERICSSON MOBILE COMM AB [SE], EK MARTIN [SE]	ADJUSTING AN OPTICAL GUIDE OF A THREE-DIMENSIONAL DISPLAY TO REDUCE PSEUDO-STEREOSCOPIC EFFECT
WO2012127283 A1	SONY ERICSSON MOBILE COMM AB [SE], EK MARTIN [SE]	MULTI-LAYER OPTICAL ELEMENTS OF A THREE-DIMENSIONAL DISPLAY FOR REDUCING PSEUDO-STEREOSCOPIC EFFECT