

Boletín VT

SERVICIOS E INTERFACES AVANZADOS MÓVILES

1.º trimestre 2017 **29**

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

NIPO: 088-17-033-2

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 |
|----------------|-------------|-------------------|
|----------------|-------------|-------------------|

| | | |
|-------------------------------|--------------------------------------|---|
| WO 2017029161 | BLUEMINT LABS | Universal contactless gesture control system |
| WO 2017039898 | GOOGLE INC | Transferring notifications between devices |
| WO 2017040249 | SMARTSHEET COM INC | Interactive charts with dynamic progress monitoring, notification and resource allocation |
| WO 2017039808 | GOOGLE INC | Multidimensional navigation |
| WO 2017034746 | MCAFFEE INC | Contextual privacy engine for notifications |
| WO 2017028694 | ALIBABA GROUP HOLDING LTD | Method and device for unlocking |
| WO 2017030285 | SAMSUNG ELECTRONICS CO LTD | Ui providing method and display device applying same |
| WO 2017035740 | HUAWEI TECH CO LTD | Method for selecting text |
| WO 2017048519 | GOOGLE INC | Touchscreen hover detection in an augmented and/or virtual reality environment |
| WO 2017026828 | SAMSUNG ELECTRONICS CO LTD | Method and apparatus for operating electronic device detachable from another electronic device |
| WO 2016210206 | MICROSOFT TECHNOLOGY LICENSING LLC | Reducing power consumption of mobile devices through dynamic resolution scaling |
| WO 2017027624 | APPLE INC | Devices, methods, and graphical user interfaces for manipulating user interfaces with physical gestures |
| WO 2017029559 | SONY MOBILE COMMUNICATIONS INC | Touch sensitive system with haptic feedback |
| WO 2017030301 | INNOSPARK INC | Apparatus for providing responsive user interface and method for providing responsive user interface using same |
| WO 2017028547 | GUANGZHOU UCWEB COMPUTER TECH CO LTD | Context progress update method and apparatus |
| WO 2017030212 | LG ELECTRONICS INC | Mobile terminal and method for controlling same |
| WO 2017035368 | TOUCHCAST LLC | System and method for interactive video conferencing |
| WO 2017035137 | GOOGLE INC | Cross-application content player |
| WO 2017044914 | EVA AUTOMATION INC | Touch-sensitive remote control with visual feedback |
| WO 2017034748 | VERILY LIFE SCIENCES LLC | A doppler ultrasound probe for noninvasive tracking of tendon motion |
| WO 2017036920 | AMS AG | Method for gesture based human-machine interaction, portable electronic device and gesture based human-machine interface system |
| WO 2017039125 | SAMSUNG ELECTRONICS CO LTD | Electronic device and operating method of the same |
| WO 2017039355 | SAMSUNG ELECTRONICS CO LTD | Answer message recommendation method and device therefor |
| WO 2017040442 | MICROSOFT TECHNOLOGY LICENSING LLC | Holographic augmented authoring |
| WO 2017033165 | QUIXEY INC | File-type-dependent query system |

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|-------------------------------|------------------------------------|--|
| WO 2017034936 | MICROSOFT TECHNOLOGY LICENSING LLC | Interactive preview teasers in communications |
| WO 2017036345 | ALIBABA GROUP HOLDING LTD | Information input method and device |
| WO 2017043857 | SAMSUNG ELECTRONICS CO LTD | Method for providing application, and electronic device therefor |
| WO 2017030963 | GOOGLE INC | Incorporating user content within a communication session interface |
| WO 2017035739 | HUAWEI TECH CO LTD | Method for selecting text |
| WO 2017035794 | HUAWEI TECH CO LTD | Method and device for operating display, user interface, and storage medium |
| WO 2017039103 | LG ELECTRONICS INC | Mobile terminal and control method therefor |
| WO 2017030397 | MOS CO LTD | Display device having optical touch screen function |
| WO 2017034136 | S-PRINTING SOLUTION CO LTD | Mobile apparatus, image scan apparatus and method for processing a job |
| WO 2017040490 | D&M HOLDINGS INC | Combined tablet screen drag-and-drop interface |
| WO 2016196434 | APPLE INC | Api for specifying display of information on an electronic watch |
| WO 2017026615 | LG ELECTRONICS INC | Earphones, mobile terminal connectable thereto, and control method |
| WO 2017026655 | SAMSUNG ELECTRONICS CO LTD | User terminal device and control method therefor |
| WO 2017034090 | FUTUREPLAY INC | Smart interaction device |
| WO 2016197860 | ALIBABA GROUP HOLDING LTD | Service object transmission method and device |
| WO 2016198957 | ORANGE | Improved messaging service |
| WO 2017004384 | COURSERA INC | User created textbook |
| WO 2017003977 | MICROSOFT TECHNOLOGY LICENSING LLC | User-specific task reminder engine |
| WO 2016200868 | GOOGLE INC | Systems and methods for disambiguation of location entities associated with the current geographic location of a mobile device |
| WO 2017023450 | MICROSOFT TECHNOLOGY LICENSING LLC | Methods and apparatuses for capturing multiple digital image frames |
| WO 2017027607 | EBAY INC | Adjusting an interface based on cognitive mode |
| WO 2016195948 | MICROSOFT TECHNOLOGY LICENSING LLC | Establishing voice communication channel |
| WO 2016203096 | FASTFINGERS OY | System and method for sharing data-content between applications |
| WO 2017031355 | OVIATT SHARON L | Adapting computer functionality based on handwriting energy expenditure |
| WO 2017026632 | LG ELECTRONICS INC | Mobile terminal and control method thereof |
| WO 2017026652 | SAMSUNG ELECTRONICS CO LTD | Method and apparatus for outputting audio in electronic device |
| WO 2017039341 | SAMSUNG ELECTRONICS CO LTD | Display apparatus and control method thereof |
| WO 2017003965 | MICROSOFT TECHNOLOGY LICENSING LLC | Seamless font updating |
| WO 2016205046 | MICROSOFT TECHNOLOGY LICENSING LLC | Three-dimensional user input |
| WO 2016206069 | MICROSOFT TECHNOLOGY LICENSING LLC | Passive haptics as reference for active haptics |
| WO 2016208216 | MURATA MANUFACTURING CO | User interface device and distance sensor |
| WO 2017014447 | SAMSUNG ELECTRONICS CO LTD | Electronic device and method of controlling same |

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|-------------------------------|--|---|
| WO 2017016309 | TENCENT TECH (SHENZHEN) COMPANY LTD | Audio playing method and audio playing system in screen-locked state, and storage medium |
| WO 2017016066 | YULONG COMPUTER TELECOMMUNICATION SCIENT (SHENZHEN) CO LTD | Method, apparatus and terminal for displaying menu tray interface |
| WO 2017020373 | XI'AN ZHONGXING NEW SOFTWARE CO LTD | Terminal application starting method and terminal |
| WO 2017023185 | LTD LIABILITY COMPANY 1C WEARABLE | Method, device and system for inputting and displaying data on a touchscreen |
| WO 2016197200 | HARRIS VICTOR | Interface device for wirelessly controlling an audio device |
| WO 2017002488 | SONY CORP | Information processing apparatus, information processing method, and program |
| WO 2017020593 | BEIJING SOGOU TECH DEV CO LTD | Input method and apparatus |
| WO 2016179752 | SHANGHAI HOLAVERSE NETWORK TECH CO LTD | User interface implementation method and apparatus for mobile device |
| WO 2016199081 | STEIN YAAKOV | Pan-zoom entry of text |
| WO 2016201803 | ZTE CORP | Method and device for controlling display of screen projection, and mobile terminal |
| WO 2017003018 | LG ELECTRONICS INC | Mobile terminal and method for controlling same |
| WO 2017022965 | SAMSUNG ELECTRONICS CO LTD | Information transmission device and operating method therefor |
| WO 2017031386 | MICROSOFT TECHNOLOGY LICENSING LLC | Communication system |
| WO 2016200865 | GOOGLE INC | Systems and methods of generating and displaying location entity information associated with the current geographic location of a mobile device |
| WO 2016205821 | INNOVATIVE DEVICES INC | Operating a wearable mouse in three dimensions with six full degrees of freedom |
| WO 2017008041 | ROOFSHOOT INC | Gamified video listing application with scaffolded video production |
| WO 2017020582 | ZTE CORP | Terminal application starting method and terminal |
| WO 2017021579 | PROYECTOS Y SOLUCIONES TECNOLOGICAS AVANZADAS S L P | Instant messaging system |
| WO 2016204925 | INTEL CORP | Techniques to control computational resources for an electronic device |
| WO 2016208881 | SAMSUNG ELECTRONICS CO LTD | Three-dimensional user interface for head-mountable display |
| WO 2016209885 | FANZCALL MEDIA INC | Sporting event display device system |
| WO 2017031089 | EYEFUENCE INC | Systems and methods for biomechanically-based eye signals for interacting with real and virtual objects |
| WO 2016204902 | INTEL CORP | Gyratory sensing system to enhance wearable device user experience via hmi extension |
| WO 2016205713 | UNIV NORTHWESTERN | Apparatus for unified audio tactile feedback |
| WO 2017022894 | LG ELECTRONICS INC | Mobile terminal and control method thereof |
| WO 2017006066 | INST POLYTECHNIQUE GRENOBLE | System and method for the adaptation of a user interface |
| WO 2017027210 | MICROSOFT TECHNOLOGY LICENSING LLC | Providing semantic based document design |
| WO 2016204526 | SAMSUNG ELECTRONICS CO LTD | Electronic apparatus including a strap and method of controlling the same |

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| WO 2017010803 | SAMSUNG ELECTRONICS CO LTD | Method for operating electronic device, and electronic device |
| WO 2017011482 | FYUSION INC | Customizing the visual and functional experience of an application |
| WO 2017039142 | SAMSUNG ELECTRONICS CO LTD | User terminal apparatus, system, and method for controlling the same |
| WO 2017014489 | SAMSUNG ELECTRONICS CO LTD | Operating method for contents searching function and electronic device supporting the same |
| WO 2016209606 | MICROSOFT TECHNOLOGY LICENSING LLC | System and method for spawning drawing surfaces |
| WO 2016205007 | MICROSOFT TECHNOLOGY LICENSING LLC | Selecting events based on user input and current context |
| WO 2016204412 | NAVER CORP | Terminal device and method for displaying image by same, and web server and method for providing webpage by same |
| WO 2017027208 | MICROSOFT TECHNOLOGY LICENSING LLC | Using perspective to visualize data |
| WO 2017027191 | MICROSOFT TECHNOLOGY LICENSING LLC | Animated data visualization video |
| WO 2017008666 | HUAWEI TECH CO LTD | System, method, and computer program for visually altering user interface based on application program runtime information |
| WO 2016197257 | NUREVA INC | System, apparatus, and method for facilitating and perpetuating a collaborative ideation session |
| WO 2017014800 | FUNPLUS INTERACTIVE | Video editing on mobile platform |

[...ver más](#)

SERVICIOS MÓVILES AVANZADOS

REDES SOCIALES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
|-------------------------------|---------------------------------------|--|
| WO 2017040015 | MCCLAIN KEVIN W | Generating an investigative response to an incident |
| WO 2017044564 | MASTERCARD INTERNATIONAL INC | Systems and methods for use in linking discounts for product purchases to social networks |
| WO 2017047876 | CHUNGBUK NAT UNIV IND ACAD COOP FOUND | Reliability evaluation method and system on basis of user activity analysis on social media |
| WO 2017023213 | YÜRÜK ERDEM | Mobile social media application |
| WO 2017037600 | QUIXEY INC | Event notifications for applications |
| WO 2017043827 | SHIN YOUNG JOON | Method of providing mobile voucher service, and terminal device, server device and system therefor |
| WO 2017041137 | ISLAM RAZI | Social communications systems and methods |
| WO 2017035471 | TWITTER INC | Looping audio-visual file generation based on audio and video analysis |
| WO 2017034698 | GOOGLE INC | Automatic background information retrieval and profile updating |
| WO 2017030650 | GOOGLE INC | Filtering content based on user mobile network and data-plan |
| WO 2017048359 | INTEL CORP | Facilitating personal assistance for curation of multimedia and generation of stories at computing devices |
| WO 2017030757 | MICROSOFT TECHNOLOGY LICENSING LLC | Impromptu community streamer |
| WO 2017039059 | LG ELECTRONICS INC | Mobile terminal and control method therefor |
| WO 2017037546 | LINKEDIN CORP | Leveraging digital images of user information in a social network |
| WO 2017026999 | HEWLETT PACKARD ENTPR DEV LP | Identifying shortest paths |
| WO 2016197873 | ALIBABA GROUP HOLDING LTD | Transaction processing method and system |
| WO 2017016948 | FENSEL DIETER | Disseminating content to recipients using multiple distribution channels |
| WO 2017019110 | FACEBOOK INC | Providing personal assistant service via messaging |
| WO 2017029677 | JACK YIGAL | System and method for monitoring communications and/or identifying imposters and/or confirming authenticity of an organizational affiliation claim/assertion |
| WO 2017027827 | 84 51 LLC | Technologies for identifying product sources |
| WO 2017039891 | LINKEDIN CORP | Automatic online registration |
| WO 2016195269 | EDN INNOVATION INC | Smart health care system and method for providing social network service for sustainable health care |
| WO 2017029488 | METAIL LTD | Methods of generating personalized 3d head models or 3d body models |
| WO 2017003467 | FACEBOOK INC | Methods and systems for installing an application version via close range communications |
| WO 2017030965 | GOOGLE INC | Notification targeting based on downstream user engagement |
| WO 2017003823 | LINKEDIN CORP | Improving search relevance using past searchers' reputation |
| WO 2016201206 | HARRIS-WILLIAMS AJANI | Rewards system and method |
| WO 2016201547 | KWILT INC | A computer-implemented method of aggregating and presenting digital photos from numerous sources |
| WO 2016205185 | AIRWATCH LLC | Single sign-on for unmanaged mobile devices |
| WO 2017016339 | TENCENT TECH (SHENZHEN) COMPANY LTD | Video sharing method and device, and video playing method and device |
| WO 2017024189 | FACEBOOK INC | Managing a device cloud |
| WO 2016204810 | FACEBOOK INC | Geo-metric |
| WO 2017031251 | DIGITALGLOBE INC | Analyzing and viewing social interactions based on personal electronic devices |
| WO 2017000715 | TENCENT TECH (SHENZHEN) COMPANY LTD | Contact matching method and device |

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| WO 2017014590 | YOON JONG MIN | Method for outputting message using game result information window |
| WO 2017016084 | ZTE CORP | Alarm information notification method and apparatus, and alarm information filtering device |
| WO 2017022919 | SAMSUNG ELECTRONICS CO LTD | Electronic apparatus and text input method for the same |
| WO 2016204910 | GOOGLE INC | Personalized and contextual notifications of content releases |
| WO 2017023496 | INTEL IP CORP | Responding to a ranging request from a peer device in a wireless network |
| WO 2016209438 | INTEL CORP | View interpolation for visual storytelling |
| WO 2017014394 | LG ELECTRONICS INC | Mobile terminal and control method for the same |

[...ver más](#)

PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
|-------------------------------|--|--|
| WO 2017035265 | SEQUENT SOFTWARE INC | System and method for a self-calculating token vault |
| WO 2017039473 | FOOD AND AGRICULTURE CLOUD TECHNOLOGY-FACT DOO BEOGRAD | System and procedure for managing the process of verification of the safety of food and agricultural products |
| WO 2017040638 | JPMORGAN CHASE BANK NA | System and method for mobile device limits |
| WO 2017044563 | MASTERCARD INTERNATIONAL INC | Method and system for intelligent storage and distribution of media keys for content delivery |
| WO 2017045033 | GIFTMOBILE PTY LTD | System and method for generating a personalised mms message having a redeemable component |
| WO 2017048526 | FIRST DATA CORP | Authentication systems and methods |
| WO 2017025734 | ANTI COUNTERFEITING TECH COMPANY LTD | Identification device and system |
| WO 2017043904 | SAMSUNG ELECTRONICS CO LTD | Method and apparatus for performing payment |
| WO 2017040173 | VISA INT SERVICE ASS | Secure binding of software application to a communication device |
| WO 2017031469 | OMNYPAY INC | Methods and systems for performing a mobile-to-business anywhere ecommerce transaction using a mobile device |
| WO 2017039168 | LG ELECTRONICS INC | Mobile terminal and method for controlling the same |
| WO 2017039770 | MASTERCARD INTERNATIONAL INC | Method of compiling city guide database using payment system data |
| WO 2017039241 | SAMSUNG ELECTRONICS CO LTD | Payment information processing method and apparatus of electronic device |
| WO 2017044737 | POWERSCOOUT INC | Spatial modeling and other data analytics enabled energy platform |
| WO 2017044254 | MASTERCARD INTERNATIONAL INC | Method and system for enhanced validation of cryptograms in cloud-based systems |
| WO 2017037278 | MOBILE ELEMENTS CORP | Contactless mobile payment system |
| WO 2017039534 | MASTERCARD ASIA/PACIFIC PTE LTD | Nfc enabled mobile payment incorporating automatic redemption of value added services |
| WO 2017041097 | CUBIC CORP | Modular bike lock |
| WO 2017043967 | VLINDERSTORM B V | Mobile payment method and system |
| WO 2017044642 | OMNYPAY INC | Methods and systems for dynamically displaying various financial and non-financial incentives to drive the use of sellers' preferred payment and non-payment options at the time of performing an electronic transaction |
| WO 2017029503 | WORLDPAY (UK) LTD | Identity validation |
| WO 2017029436 | HUHTAMÄKI OYJ | Method and apparatus for providing unique identifier for packaging item |
| WO 2017039771 | MASTERCARD INTERNATIONAL INC | Mobile-compatible offering of commercially identical items for post-retail sale |
| WO 2017021094 | GEMALTO SA | Method, device and first server for authorizing a transaction |
| WO 2017021986 | ETTARI GIACOMO | Method of conditioned purchase bid and system |
| WO 2017029739 | TOKYO MECHATRONICS CO LTD | Credit settlement system and method using mobile terminal |
| WO 2017032263 | ALIBABA GROUP HOLDING LTD | Identity authentication method and apparatus |
| WO 2017032925 | INDOORATLAS OY | Order management |
| WO 2017044677 | ALIBABA GROUP HOLDING LTD | Method and apparatus for facilitating electronic payments using a wearable device |

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| WO 2017006118 | BARCLAYS BANK PLC | Secure distributed encryption system and method |
| WO 2017030303 | SAMSUNG ELECTRONICS CO LTD | Electronic device and user authentication method thereof |
| WO 2017034240 | SAMSUNG ELECTRONICS CO LTD | Apparatus and method for performing payment transaction using dynamic mst configuration |
| WO 2017039354 | SAMSUNG ELECTRONICS CO LTD | Method and apparatus for performing settlement transaction |
| WO 2017048335 | ROK MOBILE INT LTD | Method and system for bundling multiple services through a mobile platform |
| WO 2017030220 | LG ELECTRONICS INC | Watch-type mobile terminal and method for controlling same |
| WO 2017039369 | HONG KYO-SIK | Device for processing payment information by using mobile terminal, and system and method therefor |
| WO 2017009816 | ROAM DATA INC | Active peripheral device and electronic payment terminal |
| WO 2017034312 | SAMSUNG ELECTRONICS CO LTD | Apparatus and method for trusted execution environment based secure payment transactions |
| WO 2017034476 | MASTERCARD ASIA/PACIFIC PTE LTD | Method for modifying transaction credentials |
| WO 2016207285 | MAGICVIEW CONNECTED PRODUCTS B V | Distributed payment system |
| WO 2017035799 | HUAWEI TECH CO LTD | Payment authentication method and device for mobile terminal, and mobile terminal |
| WO 2017048527 | FIRST DATA CORP | Systems and methods for facilitating purchases at a gas station |
| WO 2016207710 | ENG TEAM SRL | Electronic safety system for nfc smartphones for payments and private accesses |
| WO 2017001431 | OBERTHUR TECH OF AMERICA CORP | A method of generating a bank transaction request for a mobile terminal having a secure module |
| WO 2017040406 | LUMLEY KIM L | Electronic business card system and method for providing contact information |
| WO 2017001587 | GEMALTO SA | Method, device and back-end system for authorizing a transaction |
| WO 2017025728 | GELLINER LTD | Exchanging physical cash with an electronic funds account |
| WO 2017025845 | MADA SERVICE DI CASSANI GIANCARLO E C S N C | System and method for purchasing and paying for a product or service |
| WO 2017031481 | OMNYPAY INC | Methods and systems for performing secure mobile payment and non-payment transactions with integrated loyalty, rewards, and promotions |
| WO 2017032622 | CITYTAPS SAS | Resource delivery |
| WO 2017001871 | MIURA SYSTEMS LTD | Integrated electronic device |
| WO 2017035424 | SOLO FUNDS INC | Mobile device facilitated lending platform |
| WO 2017042629 | TRANSWORLD HOLDINGS PCC (S1 TECH CELL) | Proxy device for representing multiple credentials |
| WO 2016195198 | NOWNPAY CO LTD | Credit card affiliated store terminal, payment system including same, and method for operating payment system using same |
| WO 2017026887 | VIGILANTECH PTE LTD | Fraud prevention systems and methods |
| WO 2017024585 | NATIONZ TECH INC | Terminal and wireless communication method |
| WO 2017027235 | OUTERWALL INC | Methods, systems, and apparatuses for payment fulfillment |
| WO 2017030936 | MASTERCARD INTERNATIONAL INC | Managing customer uniqueness in tokenised systems |
| WO 2016199996 | SK PLANET CO LTD | Party management service method and device therefor |
| WO 2017003378 | MASTERCARD ASIA/PACIFIC PTE LTD | A method for conducting a transaction based on a code |
| WO 2017010823 | SAMSUNG ELECTRONICS CO LTD | Payment system, electronic device and payment method thereof |
| WO 2017026658 | LG ELECTRONICS INC | Mobile terminal |

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| WO 2017026990 | HEWLETT PACKARD ENTPR DEV LP | Network trusted service manager |
| WO 2016209372 | AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY INC | Systems and methods for in-application and in-browser purchases |
| WO 2017005873 | SHOPCO GMBH | Method for assisted order handling via the internet |
| WO 2017018622 | LG ELECTRONICS INC | Mobile terminal and method for controlling the same |
| WO 2017027336 | BLEU TECH ENTPR INC | Mobile payment system and method |
| WO 2017031087 | VISA INT SERVICE ASS | System and method for location determination using mesh routing |
| WO 2017023757 | OMNYPAY INC | Methods and systems for providing an entity with the ability to control behaviors and capabilities of the entity's accounts and/or account transactions on a per-user basis |
| WO 2017027533 | GREENLIGHT ME INC | Payment approval platform |
| WO 2017026568 | INDUSTRIAL BANK KOREA | Method and headset for improving sound quality |
| WO 2017034281 | SAMSUNG ELECTRONICS CO LTD | Apparatus and method for secure electronic payment |
| WO 2016201267 | OFFERUP INC | Systems, methods, and devices for computer-based local transactions |
| WO 2017022954 | LG ELECTRONICS INC | Mobile terminal and method for controlling the same |
| WO 2017036455 | STONE-ID GMBH & CO KG | Device and method for authenticating and authorizing persons |
| WO 2016206059 | YULONG COMPUTER TELECOMMUNICATI ON SCIENT (SHENZHEN) CO LTD | Fingerprint verification method, fingerprint verification apparatus, and terminal |
| WO 2017030832 | MASTERCARD INTERNATIONAL INC | Controlling transfer of electrical power |
| WO 2016209031 | THINKPOOL CO LTD | Authentication method using digital image, application system for same, and authentication system |
| WO 2017000173 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Method for establishing interactive binding relationship and interactive terminal |
| WO 2017003055 | LG ELECTRONICS INC | Display apparatus and control method |
| WO 2017007593 | OUTERWALL INC | Systems and associated methods for exchanging gift cards |
| WO 2017014701 | İPEKLİOĞLU ALI ÖMER | Charging unit and charging method operated by mobile notification |
| WO 2017023314 | FORD GLOBAL TECH LLC | Cellular service borrowing using dedicated short range communication technology |
| WO 2017027369 | CUBIC CORP | Mobile wireless payment and access |
| WO 2017034775 | MASTERCARD INTERNATIONAL INC | Methods and apparatus for processing and generating an order |
| WO 2016202075 | ZTE CORP | Method and apparatus for sharing goods information |
| WO 2016204358 | LG ELECTRONICS INC | Mobile terminal for authorizing payment at scheduled time and method for controlling the same |
| WO 2016209006 | LEE WON-SAM | Method for ordering from food menu in near-field wireless communication device environment |
| WO 2016210164 | GROUPON INC | Mobile chat application integration with promotional systems |
| WO 2017000251 | HUAWEI TECH CO LTD | Method and terminal for unlocking screen with fingerprint |
| WO 2017014501 | LEE MIN OH | Beacon payment approval request generation and payment system |
| WO 2017014815 | EARLY WARNING SERVICES LLC | Secure real-time payment transactions |
| WO 2016204327 | LG ELECTRONICS INC | Mobile terminal and control method therefor |
| WO 2016206385 | ZTE MICROELECTRONIC S TECH CO LTD | Payment method, device and system, and computer storage medium |

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| WO 2017000169 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Method and device for searching for mobile terminal |
| WO 2017006194 | DOWNER ALBERT | System of payment made in real time |
| WO 2017010792 | SAMSUNG ELECTRONICS CO LTD | Card registration method for payment service and mobile electronic device implementing the same |
| WO 2017012542 | JIAO ANNE RUOYUN | Qr code-based cardless payment method and system |
| WO 2017019947 | MUNICIPAL PARKING SERVICES INC | Integrated mobile parking application and smart parking meter system |
| WO 2017022916 | INDUSTRIAL BANK KOREA | Electronic document generation device and method |
| WO 2016200786 | APPLE INC | Provisioning multiple secure credentials on an electronic device |
| WO 2016204571 | SHIN HEUNG PREC CO LTD | Dual interface nfc tag device, and method and system for sharing payment information using dual interface nfc tag |
| WO 2016205543 | PAYPAL INC | Split path data communication |
| WO 2017011790 | EQUIPAY LLC | Electronic payment system and methods of processing an electronic payment |
| WO 2017014982 | VISA INT SERVICE ASS | Seamless transaction minimizing user input |
| WO 2017019972 | VISA INT SERVICE ASS | System and method for conducting transactions using biometric verification |
| WO 2016202216 | ALIBABA GROUP HOLDING LTD | Method and device for obtaining payment threshold |
| WO 2017000176 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Method for establishing interactive binding relationship and interactive terminal |
| WO 2017000168 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Mobile terminal position storage method and device |
| WO 2017010793 | SAMSUNG ELECTRONICS CO LTD | Electronic device and payment method using the same |
| WO 2017012062 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Method, device and system for opening electronic certificate |
| WO 2017000227 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Data interaction processing method and device |
| WO 2017000348 | YULONG COMPUTER TELECOMMUNICATION SCIENT (SHENZHEN) CO LTD | Fingerprint acquisition and recognition method, device and terminal |
| WO 2017013940 | SONY CORP | Communication system |
| WO 2017012049 | SHENZHEN CIFPAY NETWORK BANK TECH CO LTD | Electronic certificate receiving method, device and system |
| WO 2017016241 | TENCENT TECH (SHENZHEN) COMPANY LTD | Data transfer method, mobile terminal, server and system |
| WO 2017021757 | VALENCIA RENATO | A transaction device for, a control circuit for, and a method of enabling electronic financial transactions via a near-field communication infrastructure |
| WO 2017034643 | MASTERCARD INTERNATIONAL INC | Systems and methods for processing charges for disputed transactions |
| WO 2017000357 | YULONG COMPUTER TELECOMMUNICATION SCIENT (SHENZHEN) CO LTD | Authorization and authentication method and apparatus, and related devices |
| WO 2017003078 | KIM HOON | Vein recognition device and personal identification system using same |
| WO 2017018586 | LG ELECTRONICS INC | Mobile terminal and control method therefor |
| WO 2017024011 | CAPITAL ONE SERVICES LLC | Systems and methods for item-based transaction authentication |
| WO 2017010118 | NEC PLATFORMS LTD | Mobile router, mobile network system, electronic money settlement method and electronic money settlement program |
| WO 2017015138 | GOOGLE INC | Merchant-specific functionality services |

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|-------------------------------|---------------------------------|---|
| WO 2017018829 | LEE TAW WON | Authentication device and method, and computer program and recording medium applied thereto |
| WO 2016199994 | SK PLANET CO LTD | Product of interest precedent delivery service providing device and method using unmanned courier box, and recording medium on which computer program is recorded |
| WO 2017003304 | ASB BANK LTD | Systems, devices, and methods for interactions with an account |
| WO 2017003592 | MASTERCARD INTERNATIONAL INC | Method and system for supervisory control of payment transactions |
| WO 2017019202 | MASTERCARD INTERNATIONAL INC | Electronic payment transactions using machine readable code without requiring online connection |
| WO 2017004070 | SQUARE INC | Pairing a payment object reader with a point-of-sale terminal |
| WO 2016209484 | MASTERCARD INTERNATIONAL INC | System and methods for providing gratuity based on location |
| WO 2017006256 | MEYER JOHAN DAVID | System and method for conducting a transaction |
| WO 2016209660 | MASTERCARD INTERNATIONAL INC | Systems, methods, devices, and computer readable media for monitoring proximity mobile payment transactions |
| WO 2017027156 | MASTERCARD INTERNATIONAL INC | Systems and methods for facilitating purchase transactions funded by rewards |
| WO 2017035460 | MASTERCARD INTERNATIONAL INC | Systems and methods for monitoring computer authentication procedures |
| WO 2017019080 | HEWLETT-PACKARD DEV COMPANY L P | Host devices with e-paper displays |
| WO 2017027680 | MASTERCARD INTERNATIONAL INC | Biometric verification method and system |
| WO 2017003717 | MASTERCARD INTERNATIONAL INC | Electronic incremental payments |
| WO 2017007589 | MASTERCARD INTERNATIONAL INC | System and method for managing a compromised account |
| WO 2016204927 | GOOGLE INC | Loyalty rewards in offline payment system |
| WO 2017003713 | MASTERCARD INTERNATIONAL INC | Systems and methods for determining device location using wireless data and other geographical location data |
| WO 2016204918 | MASTERCARD INTERNATIONAL INC | Method and system for dynamic linking of offers to transaction accounts |
| WO 2016201236 | MASTERCARD INTERNATIONAL INC | Methods and systems for reporting transaction issues |
| WO 2017003720 | MASTERCARD INTERNATIONAL INC | Multiple payor bill payments |
| WO 2017003572 | MASTERCARD INTERNATIONAL INC | Method and system for cross-border travel alerts |
| WO 2016200573 | MASTERCARD INTERNATIONAL INC | Systems and methods for use in processing transactions to payment accounts |
| WO 2016209750 | MASTERCARD INTERNATIONAL INC | Systems, methods, devices, and computer readable media for monitoring proximity mobile payment transactions |
| WO 2017023597 | NEXMO INC | Systems and methods for adaptive routing |
| WO 2017008013 | MASTERCARD INTERNATIONAL INC | Systems and methods for use in authenticating individuals, in connection with providing access to the individuals |

[..ver más](#)

BASADOS EN LA LOCALIZACIÓN

| Nº PUBLICACIÓN | SOLICITANTE | CONTENIDO TÉCNICO |
|----------------|-------------|-------------------|
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|-------------------------------|------------------------------|--|
| WO 2017040393 | 3M INNOVATIVE PROPERTIES CO | Providing safety related contextual information in a personal protective equipment system |
| WO 2016207018 | PHILIPS LIGHTING HOLDING BV | System for protecting location information |
| WO 2017031504 | CLOUDWEAR INC | Method and apparatus for geographic location based electronic security management |
| WO 2016200044 | STYLEMIRROR CO LTD | Method for connecting location-based user contents to electronic commerce in social network service (sns) |
| WO 2017003667 | QUALCOMM INC | Providing, organizing, and managing location history records of a mobile device |
| WO 2016207676 | PI HOLDING ZRT | Network suitable for providing location-based services and method for the operation of such a network |
| WO 2016205980 | HEWLETT PACKARD ENTPR DEV LP | Mobile device locator |
| WO 2017015050 | GOOGLE INC | Detecting the context of a user using a mobile device based on wireless signal characteristics |
| WO 2016200634 | WU BIN | Online sites with associated fictitious geographical locations |
| WO 2016200821 | RIVADA RES LLC | Method and system for providing enhanced location based information for wireless handsets using dead reckoning |

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TELEVISIÓN MÓVIL

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

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|-------------------------------|------------------------------|---|
| WO 2017040644 | ROKU INC | Audio command interface for a multimedia device |
| WO 2016207201 | HIRSCHMANN CAR COMM GMBH | Supply of radio-frequency signals to multiple different broadband customers from an antenna active area |
| WO 2017019460 | SPOTIFY AB | Automatic artist and content breakout prediction |
| WO 2017014968 | QUALCOMM INC | Devices and methods for facilitating transmission of video streams in remote display applications |
| WO 2017034725 | INTEL CORP | Reliable large group of pictures (gop) file streaming to wireless displays |
| WO 2017003007 | LG ELECTRONICS INC | Image display device and mobile terminal |
| WO 2017003867 | ROVI GUIDES INC | Methods and apparatus for generating for display portions of media assets |
| WO 2017003219 | NAM KI-WON | Commerce device and system linked to broadcast screen, and method therefor |
| WO 2017030661 | PANDORA MEDIA INC | Media feature determination for internet-based media streaming |
| WO 2017003550 | QUALCOMM INC | Packet priority for evolved multimedia broadcast multicast (embms) service relays |
| WO 2017010690 | NAVER BUSINESS PLATFORM CORP | Video providing apparatus, video providing method, and computer program |
| WO 2016200146 | SAMSUNG ELECTRONICS CO LTD | Portable device, content reproducing device, and the method thereof |
| WO 2017019645 | VIDEOAMP INC | Cross-screen optimization of advertising placement |
| WO 2017011096 | INTEL CORP | Balancing mobile device audio |
| WO 2017003022 | LG ELECTRONICS INC | Display device and control method therefor |
| WO 2016200514 | INTEL CORP | Sample adaptive offset coding |
| WO 2017019815 | GIGA ENTERTAINMENT MEDIA INC | Interactive content streaming over live media content |
| WO 2017018683 | SAMSUNG ELECTRONICS CO LTD | User terminal apparatus and controlling method thereof |

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

| | | |
|-------------------------------|------------------------------------|--|
| WO 2017044959 | STEWART LAURA | System and method for automatic media compilation |
| WO 2016210255 | CITRIX SYSTEMS INC | Wrapping unmanaged applications on a mobile device |
| WO 2017034225 | SAMSUNG ELECTRONICS CO LTD | Electronic apparatus and method of transforming content thereof |
| WO 2016209607 | MICROSOFT TECHNOLOGY LICENSING LLC | Filtering sounds for conferencing applications |
| WO 2017003885 | MICROSOFT TECHNOLOGY LICENSING LLC | Brokered advanced pairing |
| WO 2016210195 | MICROSOFT TECHNOLOGY LICENSING LLC | Conversion of platform-independent accessibility logic into platform-specific accessibility functionality |
| WO 2017001930 | ORANGE | Updating of former instructions to control a remote electronic device |
| WO 2017009181 | THOMSON LICENSING | Method and apparatus for providing haptic feedback and interactivity based on user haptic space (hapspace) |
| WO 2016200194 | SAMSUNG ELECTRONICS CO LTD | Method and device for providing issue content |
| WO 2016202243 | HUAWEI TECH CO LTD | Method and apparatus for classifying virtual activities of mobile users |
| WO 2017027134 | QUALCOMM INC | Validating authorization for use of a set of features of a device |
| WO 2016210007 | LOOSE CANNON SYSTEMS INC | Portable group communication device and method of use |
| WO 2016199451 | SONY INTERACTIVE ENTERTAINMENT INC | Information processing device |
| WO 2016193782 | NOKIA TECHNOLOGIES OY | Method, apparatus, and computer program product for providing information regarding an event |
| WO 2016207795 | NOKIA TECHNOLOGIES OY | Method, apparatus and computer program product for controlling access to at least one or multiple images captured concurrently |
| WO 2017025939 | QUIKEY INC | Cloud-enabled architecture for on-demand native application crawling |
| WO 2017026731 | SAMSUNG ELECTRONICS CO LTD | Activity information processing method and electronic device supporting the same |
| WO 2017004488 | RADNER ALEXANDER J C | Retailer linked personalized shopping assistant |
| WO 2016208877 | SAMSUNG ELECTRONICS CO LTD | Method for providing additional contents at terminal, and terminal using same |
| WO 2017018551 | LG ELECTRONICS INC | Mobile terminal and mobile terminal control method |
| WO 2016204323 | FXGEAR INC | User view point-linked image processing device and method therefor |
| WO 2016204984 | QUALCOMM INC | Methods and apparatus for wireless discovery location and ranging within a neighborhood aware network |
| WO 2016205818 | 24/7 CUSTOMER INC | Method and apparatus for managing customer interactions on multiple interaction channels |
| WO 2016201033 | ICONTROL NETWORKS INC | Data model for home automation |
| WO 2016205146 | MICROSOFT TECHNOLOGY LICENSING LLC | Natively monitoring collaboration services |
| WO 2017010710 | SAMSUNG ELECTRONICS CO LTD | Method for sharing content information and electronic device thereof |
| WO 2017002505 | SONY CORP | Information processing device, information processing method and program |

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| WO 2017005167 | HUAWEI TECH CO LTD | Method and device for recommending applications |
| WO 2017021460 | KINETI TECH | Method for interactive sharing of applications and data between touch-screen computers and computer program for implementing said method |
| WO 2017014933 | QUALCOMM INC | Systems and methods for selecting an image transform |
| WO 2017019859 | SECURED CONTENT STORAGE ASS LLC | Licensable function for securing stored data |
| WO 2016209517 | INTEL CORP | Techniques to save or delete a video clip |
| WO 2017031388 | MICROSOFT TECHNOLOGY LICENSING LLC | Guiding a user to an object in a mixed reality session |
| WO 2016200889 | ALIBABA GROUP HOLDING LTD | System, method, and device for remotely operating a server |
| WO 2016209489 | INTEL CORP | Technologies for conversational interfaces for system control |

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