

# Boletín VT

## SERVICIOS E INTERFACES AVANZADOS MÓVILES

2.º trimestre 2017

30

### 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
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<a href="#">WO 2017084782</a>	AUDI AG	Method for operating an input device, and input device
<a href="#">WO 2017095643</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Display hover detection
<a href="#">WO 2017099440</a>	SAMSUNG ELECTRONICS CO LTD	Web page operation method and electronic device for supporting the same
<a href="#">WO 2017100357</a>	ALIBABA GROUP HOLDING LTD	Method, system, and device for processing data in connection with an application
<a href="#">WO 2017088238</a>	XIAOMI INC	Touch gesture determining method and device
<a href="#">WO 2017091405</a>	GOOGLE INC	Touch heat map
<a href="#">WO 2017087396</a>	GOOGLE INC	Dialer application
<a href="#">WO 2017095040</a>	SAMSUNG ELECTRONICS CO LTD	User terminal device and displaying method thereof
<a href="#">WO 2017098332</a>	ALIBABA GROUP HOLDING LTD	Method and system for inputting information
<a href="#">WO 2017099276</a>	LG ELECTRONICS INC	Rollable mobile terminal and control method therefor
<a href="#">WO 2017091422</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Parallel front end application and workflow development
<a href="#">WO 2017095247</a>	MOTOROLA SOLUTIONS INC	Method for associating a group of applications with a specific shape
<a href="#">WO 2017100755</a>	APPELAGO INC	Automated migration of animated icons for dynamic push notifications
<a href="#">WO 2017078970</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Enhanced group discovery
<a href="#">WO 2017080810</a>	VOLKSWAGEN AG	Method for triggering a security-relevant function of a system, and system
<a href="#">WO 2017090855</a>	PARK CHUL WOO	Method for processing questions using smart pen and mobile device for processing same
<a href="#">WO 2017052867</a>	QUALCOMM INC	Using wi-fi as human control interface
<a href="#">WO 2017065987</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Multi-window keyboard
<a href="#">WO 2017079355</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Enriched compound data objects
<a href="#">WO 2017091910</a>	NEXTWAVE SOFTWARE INC	Visual messaging method and system
<a href="#">WO 2017079353</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Extensibility of compound data objects
<a href="#">WO 2017091382</a>	GOOGLE INC	Recognizing gestures and updating display by coordinator
<a href="#">WO 2017079049</a>	MOTOROLA SOLUTIONS INC	Method and apparatus for morphing and positioning objects on a touch-screen device to aide in one-handed use of the device
<a href="#">WO 2017095123</a>	FUTUREPLAY INC	Method, device, and system for providing user interface, and non-temporary computer-readable recording medium

<a href="#"><u>WO 2017083205</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Provide interactive content generation for document
<a href="#"><u>WO 2017086671</u></a>	SAMSUNG ELECTRONICS CO LTD	Method for providing user interface related to card, and electronic device for implementing same
<a href="#"><u>WO 2017091883</u></a>	TANDEM LAUNCH INC	System and method for implementing a vocal user interface by combining a speech to text system and a speech to intent system
<a href="#"><u>WO 2017074210</u></a>	MOTOROLA SOLUTIONS INC	Apparatus, system, and method for establishing a push-to-talk communication
<a href="#"><u>WO 2017085963</u></a>	SONY INTERACTIVE ENTERTAINMENT INC	Information processing device and video display device
<a href="#"><u>WO 2017086681</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device, and method for providing screen according to location of electronic device
<a href="#"><u>WO 2017053102</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	3d model generation from map data and user interface
<a href="#"><u>WO 2017069480</u></a>	SAMSUNG ELECTRONICS CO LTD	Screen outputting method and electronic device supporting the same
<a href="#"><u>WO 2017087412</u></a>	PETCUBE INC	Remote interaction device with tracking of remote movement input
<a href="#"><u>WO 2017086708</u></a>	SAMSUNG ELECTRONICS CO LTD	Method and apparatus for displaying content
<a href="#"><u>WO 2017088131</u></a>	HUAWEI TECH CO LTD	Method and apparatus for rapidly dividing screen, electronic device, display interface and storage medium
<a href="#"><u>WO 2017074607</u></a>	GOOGLE INC	Terminating computing applications using a gesture
<a href="#"><u>WO 2017050576</u></a>	PHILIPS LIGHTING HOLDING BV	Expanding slider
<a href="#"><u>WO 2017074524</u></a>	INTEL CORP	Fast inking a touch display
<a href="#"><u>WO 2017075771</u></a>	ORANGE	Improved method for selecting element of graphical user interface
<a href="#"><u>WO 2017083876</u></a>	DOODLEONE INC	Free hand messaging and ink cluster editor
<a href="#"><u>WO 2017068426</u></a>	U LAB	System and method of message enhancement
<a href="#"><u>WO 2017087126</u></a>	HIPMUNK INC	Linking allocable region of graphical user interface
<a href="#"><u>WO 2017069381</u></a>	LG ELECTRONICS INC	Mobile terminal and method for controlling the same
<a href="#"><u>WO 2017075772</u></a>	ORANGE	Improved method for selecting element of graphical user interface
<a href="#"><u>WO 2017086498</u></a>	LG ELECTRONICS INC	Mobile terminal and control method therefor
<a href="#"><u>WO 2017090823</u></a>	LG ELECTRONICS INC	Rollable mobile terminal and control method therefor
<a href="#"><u>WO 2017088046</u></a>	YODEL TECH INC	Portable electronic device
<a href="#"><u>WO 2017045094</u></a>	HUAWEI TECH CO LTD	Method and terminal for controlling number of touch panel reporting points
<a href="#"><u>WO 2017052149</u></a>	SAMSUNG ELECTRONICS CO LTD	Display apparatus and method for controlling display apparatus thereof
<a href="#"><u>WO 2017058686</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Sorting parsed attachments from communications
<a href="#"><u>WO 2017045548</u></a>	ALIBABA GROUP HOLDING LTD	Method and apparatus for displaying function interface
<a href="#"><u>WO 2017073811</u></a>	LG ELECTRONICS INC	Mobile terminal and operating method therefor
<a href="#"><u>WO 2017078241</u></a>	LG ELECTRONICS INC	Mobile device messaging application
<a href="#"><u>WO 2017051971</u></a>	LG ELECTRONICS INC	Mobile terminal and control method therefor
<a href="#"><u>WO 2017078350</u></a>	SAMSUNG ELECTRONICS CO LTD	Content display method and electronic device for implementing same
<a href="#"><u>WO 2017079065</u></a>	EBAY INC	Presentation of digital data
<a href="#"><u>WO 2017048151</u></a>	MOTOROLA SOLUTIONS INC	Rotatable push-to-talk (ptt) button for talkgroup selection and ptt communication initiation

<a href="#"><u>WO 2017048588</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Transcription of spoken communications
<a href="#"><u>WO 2017057799</u></a>	LG ELECTRONICS INC	Mobile terminal for controlling dynamic resolution and control method therefor
<a href="#"><u>WO 2017065940</u></a>	OREAD GROUP LLC	Content distribution system
<a href="#"><u>WO 2017069595</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for executing function using speech recognition thereof
<a href="#"><u>WO 2017054144</u></a>	HUAWEI TECH CO LTD	Human machine interaction method and device for user terminal, and user terminal
<a href="#"><u>WO 2017057791</u></a>	KIM SANGHAK	User interface through rear surface touchpad of mobile device
<a href="#"><u>WO 2017061842</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic apparatus and method for providing fluid user interface
<a href="#"><u>WO 2017074827</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Touch sensing of user input device
<a href="#"><u>WO 2017078367</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising plurality of displays and method for operating same
<a href="#"><u>WO 2017062203</u></a>	GOOGLE INC	Integration of content in non-browser applications
<a href="#"><u>WO 2017075103</u></a>	ESSENTIAL PRODUCTS INC	Mobile device with display overlaid with at least a light sensor
<a href="#"><u>WO 2017078506</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for editing image in electronic device
<a href="#"><u>WO 2017058637</u></a>	SONY INTERACTIVE ENTERTAINMENT INC	Filtering controller input mode
<a href="#"><u>WO 2017048898</u></a>	MAZUR KAI	Human-computer interface
<a href="#"><u>WO 2017048080</u></a>	SEO YONG CHANG	Gradient-based event processing method, and device for implementing said method
<a href="#"><u>WO 2017062317</u></a>	PINTEREST INC	Dynamic search input selection
<a href="#"><u>WO 2017064567</u></a>	ALIBABA GROUP HOLDING LTD	Method, device, and system for displaying information associated with a web page
<a href="#"><u>WO 2017074861</u></a>	ALIBABA GROUP HOLDING LTD	Method, system, and device for process triggering
<a href="#"><u>WO 2017061702</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method of displaying plurality of items
<a href="#"><u>WO 2017069562</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device having bended display and control method thereof
<a href="#"><u>WO 2017045405</u></a>	ZTE CORP	Terminal operation method and apparatus and corresponding terminal
<a href="#"><u>WO 2017078705</u></a>	OBSERVEPOINT INC	Automatic execution of objects in a user interface
<a href="#"><u>WO 2017065494</u></a>	SAMSUNG ELECTRONICS CO LTD	Portable device and screen display method of portable device
<a href="#"><u>WO 2017059388</u></a>	GOOGLE INC	Action suggestions for user-selected content
<a href="#"><u>WO 2017045652</u></a>	ZTE CORP	Information content display method and corresponding terminal device

[...ver más](#)

# SERVICIOS MÓVILES AVANZADOS

## REDES SOCIALES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#"><u>WO 2017099978</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Providing reminders related to contextual data on lock screens
<a href="#"><u>WO 2017084325</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Information sharing method, terminal, and storage medium
<a href="#"><u>WO 2017095371</u></a>	HEWLETT PACKARD ENTPR DEV LP	Product recommendations based on selected user and product attributes
<a href="#"><u>WO 2017084327</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Method for adding account, terminal, server, and computer storage medium
<a href="#"><u>WO 2017079362</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Caption generation for visual media
<a href="#"><u>WO 2017074710</u></a>	LINKEDIN CORP	Search system
<a href="#"><u>WO 2017074913</u></a>	BOSE CORP	Sensor-enabled feedback on social interactions
<a href="#"><u>WO 2017083861</u></a>	MX TECH INC	Distributed, decentralized data aggregation
<a href="#"><u>WO 2017091214</u></a>	SOCIAL SENTINEL INC	Systems and methods for identifying relationships in social media content
<a href="#"><u>WO 2017059121</u></a>	LINKEDIN CORP	Tracking interaction with sponsored and unsponsored content
<a href="#"><u>WO 2017072783</u></a>	BISWAS SOMNATH	System and method for electronic payment transactions via social media based messaging using non-text triggers
<a href="#"><u>WO 2017052538</u></a>	FACEBOOK INC	Universal translation
<a href="#"><u>WO 2017041523</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Relationship chain processing method and system, and storage medium
<a href="#"><u>WO 2017054585</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Network access method, device, and system
<a href="#"><u>WO 2017053704</u></a>	YADAV CHETHAN	Method and system for student project management
<a href="#"><u>WO 2017046646</u></a>	HT MEDIA LTD	System and method for employment recommendation
<a href="#"><u>WO 2017074621</u></a>	GOOGLE INC	Automated information retrieval
<a href="#"><u>WO 2017048467</u></a>	MASTERCARD INTERNATIONAL INC	Transaction based check-in to recommendation-providing social media platforms
<a href="#"><u>WO 2017069174</u></a>	LINE CORP	Display control method, terminal, information-processing device, and recording medium in which program is recorded

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## PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
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<a href="#"><u>WO 2017099477</u></a>	SAMSUNG ELECTRONICS CO LTD	Method for operating mobile device having plurality of card modules installed therein and mobile device therefor
<a href="#"><u>WO 2017100151</u></a>	MASTERCARD INTERNATIONAL INC	Systems and methods for authorizing a financial transaction based on a virtual product
<a href="#"><u>WO 2017091444</u></a>	VESTA CORP	Anomaly detection in groups of transactions
<a href="#"><u>WO 2017091443</u></a>	VESTA CORP	Optimization of fraud detection model in real time
<a href="#"><u>WO 2017100131</u></a>	GOOGLE INC	Wireless signal forwarding
<a href="#"><u>WO 2017095581</u></a>	MICROSOFT TECHNOLOGY LICENSING LLC	Trusted platform module (tpm) protected device
<a href="#"><u>WO 2017090014</u></a>	MURGUÍA COSENTINO AGUSTIN	Technique to generate symmetric encryption algorithms
<a href="#"><u>WO 2017095620</u></a>	MASTERCARD INTERNATIONAL INC	Method and system for validation of a token requestor
<a href="#"><u>WO 2017097037</u></a>	SANECHIPS TECH CO LTD	Screen display method and terminal, and computer storage medium
<a href="#"><u>WO 2017088261</u></a>	XIAOMI INC	Biometric technology-based mobile payment method, device and apparatus
<a href="#"><u>WO 2017091448</u></a>	VESTA CORP	Training and selection of multiple fraud detection models
<a href="#"><u>WO 2017091553</u></a>	MASTERCARD INTERNATIONAL INC	Systems and methods for use in verifying recurring transactions to payment accounts
<a href="#"><u>WO 2017097704</u></a>	GEMALTO SA	A communication system comprising a local payment kernel
<a href="#"><u>WO 2017095325</u></a>	MASTERCARD ASIA/PACIFIC PTE LTD	Checkout system and method for checking-out products
<a href="#"><u>WO 2017066057</u></a>	MASTERCARD INTERNATIONAL INC	Utilizing enhanced cardholder authentication token
<a href="#"><u>WO 2017074990</u></a>	MASTERCARD INTERNATIONAL INC	Systems and methods for updating stored cardholder account data
<a href="#"><u>WO 2017080755</u></a>	SDC AS	A method, apparatus, system, and computer readable medium for processing an electronic payment transaction with improved security
<a href="#"><u>WO 2017081052</u></a>	SAINT-GOBAIN GLASS FRANCE	Vehicle antenna disc or vehicle disc antenna for a toll payment system
<a href="#"><u>WO 2017083182</u></a>	MASTERCARD INTERNATIONAL INC	Systems and methods for processing loyalty rewards
<a href="#"><u>WO 2017083961</u></a>	SECURTER INC	Coordinator managed payments
<a href="#"><u>WO 2017085515</u></a>	BARCLAYS BANK PLC	Off-line transaction method and system
<a href="#"><u>WO 2017062192</u></a>	MASTERCARD INTERNATIONAL INC	Method and system for identification of credentials stored in a computing device
<a href="#"><u>WO 2017072443</u></a>	SIGFOX	Remote payment method and system using a payment card
<a href="#"><u>WO 2017078635</u></a>	SONGPRACHA PARIN	A product / service input device and a method for generating a shopping/servicing list and fulfilling the shopping/servicing list
<a href="#"><u>WO 2017091846</u></a>	SIMSEC HONG KONG LTD	Multi-scheme payment mobile device and system
<a href="#"><u>WO 2017062366</u></a>	NETFLIX INC	Systems and methods for fraudulent account detection and management
<a href="#"><u>WO 2017081639</u></a>	LEVIN PAVEL	Method and system for network communication
<a href="#"><u>WO 2017084572</u></a>	XU JIANGFENG	Encryption method for clear-text passwords
<a href="#"><u>WO 2017100628</u></a>	GOOGLE INC	Network security based on proximity
<a href="#"><u>WO 2017091594</u></a>	VISA INT SERVICE ASS	System and method of providing supplemental information in a transaction
<a href="#"><u>WO 2017052365</u></a>	MDT IE HOLDING B V	Method, electronic transaction instruction system, sales unit, transaction server and computer program product for executing an electronic transaction instruction
<a href="#"><u>WO 2017053736</u></a>	SQUARE INC	Server-assisted pairing for wireless communications
<a href="#"><u>WO 2017074663</u></a>	MASTERCARD INTERNATIONAL INC	Method for predicting purchasing behaviour of digital wallet users for wallet-based transactions
<a href="#"><u>WO 2017078995</u></a>	MASTERCARD INTERNATIONAL INC	Methods and systems for dispensing physical currency

<a href="#"><u>WO 2017054011</u></a>	OMNYPAY INC	Methods and systems for performing an advertisement based electronic transaction using a mobile device
<a href="#"><u>WO 2017060194</u></a>	UNWIRE APS	System and method for initiating communication with a short range transceiver
<a href="#"><u>WO 2017084442</u></a>	HUAWEI TECH CO LTD	Mobile payment method and apparatus
<a href="#"><u>WO 2017090951</u></a>	JINI CO LTD	System for processing gas station-payment using portable card payment terminal, and processing method therefor
<a href="#"><u>WO 2017094945</u></a>	LG ELECTRONICS INC	Mobile terminal and method of controlling same
<a href="#"><u>WO 2017055422</u></a>	KISTERS FRIEDRICH	Method and apparatus for authenticating an object or a person using a security element with a modular structure
<a href="#"><u>WO 2017062469</u></a>	MASTERCARD INTERNATIONAL INC	Alternative form factor for financial inclusion
<a href="#"><u>WO 2017072067</u></a>	QIBIXX AG	Method and system for payment handling
<a href="#"><u>WO 2017083421</u></a>	PAYPAL INC	Integration platform for interfacing with third party channels
<a href="#"><u>WO 2017094960</u></a>	AIRPOS CO LTD	Smart bill pad and payment method for making samsung pay payment using same
<a href="#"><u>WO 2017073102</u></a>	BANK INVOICE CORP	Information processing device, information processing method, and program
<a href="#"><u>WO 2017083565</u></a>	BANK OF AMERICA	Block chain alias person-to person payments
<a href="#"><u>WO 2017080752</u></a>	BUNDESDRUCKEREI GMBH	Electronic payment method and server computer
<a href="#"><u>WO 2017083016</u></a>	VISA INT SERVICE ASS	Server based biometric authentication
<a href="#"><u>WO 2017088686</u></a>	GUANGZHOU UCWEB COMPUTER TECH CO LTD	Method and apparatus for realizing fingerprint login for website, and client device
<a href="#"><u>WO 2017048325</u></a>	BROWN WENDELL D	Method and apparatus for content presentation in association with a communication connection
<a href="#"><u>WO 2017073885</u></a>	SK PLANET CO LTD	System for processing offline substitute payment, method for processing offline substitute payment, and apparatus using same
<a href="#"><u>WO 2017078930</u></a>	MASTERCARD INTERNATIONAL INC	Heat map visualisation of event data
<a href="#"><u>WO 2017061652</u></a>	LG ELECTRONICS INC	Mobile terminal and payment method in image display apparatus using same
<a href="#"><u>WO 2017069357</u></a>	LG ELECTRONICS INC	Mobile terminal and operation method thereof
<a href="#"><u>WO 2017075063</u></a>	VISA INT SERVICE ASS	Wireless biometric authentication system and method
<a href="#"><u>WO 2017072647</u></a>	FOX GLACIER ASSET MAN LLC	Mobile payment system
<a href="#"><u>WO 2017072753</u></a>	SYMCOTECH LTD	System and method for performing ticketing transaction for a public transportation vehicle
<a href="#"><u>WO 2017089923</u></a>	MOTIVEPRIME CONSUMER ELECTRONICS PVT LTD	Systems and methods for credit based payment using unique hardware identifier
<a href="#"><u>WO 2017090785</u></a>	KEB HANA BANK	System and method for one-click point service
<a href="#"><u>WO 2017058715</u></a>	MASTERCARD INT INCORPORATED	Methods, systems, and computer readable media for causing a mechanical action based on transient user data
<a href="#"><u>WO 2017071510</u></a>	ALIBABA GROUP HOLDING LTD	Method of processing service and device utilizing same
<a href="#"><u>WO 2017091148</u></a>	MASTERCARD ASIA/PACIFIC PTE LTD	A method and system for managing referral rewards of digital wallets
<a href="#"><u>WO 2017058651</u></a>	MASTERCARD INTERNATIONAL INC	Multi-currency transaction routing platform for payment processing system
<a href="#"><u>WO 2017075238</u></a>	FOX GLACIER ASSET MAN INC	Mobile payment system
<a href="#"><u>WO 2017074665</u></a>	MASTERCARD INTERNATIONAL INC	Method and system for cardless use of an automated teller machine (atm)
<a href="#"><u>WO 2017079287</u></a>	VISA INT SERVICE ASS	In-vehicle access application
<a href="#"><u>WO 2017058108</u></a>	MASTERCARD ASIA/PACIFIC PTE LTD	Method and system for performing an action in a branchless banking environment
<a href="#"><u>WO 2017067381</u></a>	ZTE CORP	Payment method, terminal and payment server
<a href="#"><u>WO 2017081603</u></a>	TALMOR ELI	Method and system for protecting and utilizing internet identity, using smartphone

<a href="#"><u>WO 2017063052</u></a>	IPAYTOLL PTY LTD AS TRUSTEE FOR IPAYTOLL UNIT TRUST	Automatic detection of a toll for a vehicle
<a href="#"><u>WO 2017065733</u></a>	WAL-MART STORES INC	Check-in to checkout systems and methods
<a href="#"><u>WO 2017065736</u></a>	WAL-MART STORES INC	Merchant split tender systems and methods
<a href="#"><u>WO 2017069403</u></a>	LG ELECTRONICS INC	Mobile terminal and method for controlling the same
<a href="#"><u>WO 2017041641</u></a>	ALIBABA GROUP HOLDING LTD	Method and device for realizing service function
<a href="#"><u>WO 2017048074</u></a>	KIM JAE YEOL	Open-type simple payment system and method
<a href="#"><u>WO 2017051959</u></a>	LG ELECTRONICS INC	Terminal apparatus and control method for terminal apparatus
<a href="#"><u>WO 2017053688</u></a>	MASTERCARD INTERNATIONAL INC	Mobile application performance
<a href="#"><u>WO 2017047854</u></a>	LG ELECTRONICS INC	Mobile terminal and control method therefor
<a href="#"><u>WO 2017051960</u></a>	LG ELECTRONICS INC	Mobile terminal
<a href="#"><u>WO 2017057789</u></a>	YANG SEONG HO	System for product introduction and purchase for electronic commerce on mobile device and method thereof
<a href="#"><u>WO 2017059052</u></a>	INVUE SECURITY PRODUCTS INC	Gang charger, shroud, and dock for portable electronic devices
<a href="#"><u>WO 2017041722</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Data processing method, apparatus and system
<a href="#"><u>WO 2017052063</u></a>	BD INC	Payment method and payment system, using mobile terminal
<a href="#"><u>WO 2017065518</u></a>	KB KOOKMIN CARD CO LTD	App card-linked representative card, and payment system and payment method therefor
<a href="#"><u>WO 2017065735</u></a>	WAL-MART STORES INC	Re-using e-commerce payment instruments for in-store use systems and methods
<a href="#"><u>WO 2017078612</u></a>	SUN SINGAPORE SYSTEMS PTE LTD	System and methods thereof for managing a parking session
<a href="#"><u>WO 2017057832</u></a>	SK PLANET CO LTD	User equipment, beacon, service providing device, payment system comprising same, control method therefor, and computer readable medium having computer program recorded thereon
<a href="#"><u>WO 2017078203</u></a>	LG ELECTRONICS INC	Mobile terminal and control method therefor
<a href="#"><u>WO 2017076270</u></a>	NATIONZ TECH INC	Smart card having function of one time password (otp), and work method therefor
<a href="#"><u>WO 2017041539</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Method and system for implementing verification within data transfer
<a href="#"><u>WO 2017047844</u></a>	YAP COMPANY	Service providing place information based service providing method
<a href="#"><u>WO 2017056309</u></a>	NOMURA RES INST LTD	Information processing device and information processing method
<a href="#"><u>WO 2017078240</u></a>	LG ELECTRONICS INC	Terminal and controlling method thereof
<a href="#"><u>WO 2017041154</u></a>	CIELO S A	Consumer credit and payment method in a cloud payment service, and payment terminal
<a href="#"><u>WO 2017048917</u></a>	MASTERCARD INTERNATIONAL INC	Verification for payment transactions
<a href="#"><u>WO 2017052035</u></a>	SK PLANET CO LTD	Off-line payment processing system, off-line payment processing method using secondary authentication, and apparatus using method
<a href="#"><u>WO 2017052034</u></a>	SK PLANET CO LTD	Off-line payment processing system and method using two-channel authentication, and apparatus using same
<a href="#"><u>WO 2017051851</u></a>	NEC CORP	Payment assistance system, wearable terminal, terminal device, payment assistance method, and computer-readable recording medium
<a href="#"><u>WO 2017052275</u></a>	HAREX INFOTECH INC	System and method for providing automated teller service using mobile terminal
<a href="#"><u>WO 2017052276</u></a>	HAREX INFOTECH INC	System and method for providing automated teller service using mobile terminal
<a href="#"><u>WO 2017048177</u></a>	IDENTITRADE AB	Method and system for authenticating a user

<a href="#"><u>WO 2017052850</u></a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY INC	Systems and methods for gesture based biometric security
<a href="#"><u>WO 2017054693</u></a>	TENCENT TECH (SHENZHEN) COMPANY LTD	Information processing method and system for realizing virtual subscriber card, mobile payment terminal and storage medium
<a href="#"><u>WO 2017045497</u></a>	SANECHIPS TECH CO LTD	User verification method, client, controller, and computer storage medium
<a href="#"><u>WO 2017052469</u></a>	MASTERCARD ASIA/PACIFIC PTE LTD	Method for transmitting data indicative of elected value added services from an offer distribution server to a mobile terminal
<a href="#"><u>WO 2017066232</u></a>	JPMORGAN CHASE BANK NA	A system and method for transaction-based temporary email
<a href="#"><u>WO 2017057790</u></a>	LG ELECTRONICS INC	Electronic device
<a href="#"><u>WO 2017053140</u></a>	MASTERCARD INTERNATIONAL INC	Method and system for fraud detection using a mobile communication device
<a href="#"><u>WO 2017065737</u></a>	WAL-MART STORES INC	Common interface/experience for mobile wallet systems and methods
<a href="#"><u>WO 2017070174</u></a>	EBAY INC	Creating an item publication

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## BASADOS EN LA LOCALIZACIÓN

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#"><u>WO 2017100068</u></a>	RIVADA RES LLC	Method and system for providing enhanced location based services (elbs) trilateration using a single device
<a href="#"><u>WO 2017099463</u></a>	SAMSUNG ELECTRONICS CO LTD	System and method for providing information using near field communication
<a href="#"><u>WO 2017066188</u></a>	BKON CONNECT INC	Beacon-implemented system for mobile content management
<a href="#"><u>WO 2017095164</u></a>	SAMSUNG ELECTRONICS CO LTD	Method and apparatus for providing payment-linked service on basis of location of mobile terminal
<a href="#"><u>WO 2017086733</u></a>	WOO JEONG HYEON	Method for providing position-based music streaming service and program therefor
<a href="#"><u>WO 2017074573</u></a>	INTEL CORP	Mobile geo-fence system
<a href="#"><u>WO 2017082638</u></a>	SAMSUNG ELECTRONICS CO LTD	Apparatus and method for measuring positions of devices
<a href="#"><u>WO 2017066467</u></a>	UBER TECH INC	Application service configuration system
<a href="#"><u>WO 2017053033</u></a>	SIEMENS INDUSTRY INC	System and method for location-based credentialing
<a href="#"><u>WO 2017074814</u></a>	GOOGLE INC	Generating and publishing validated location information
<a href="#"><u>WO 2017078181</u></a>	MITSUBISHI ELECTRIC CORP	Method for registering location of device and device

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## TELEVISIÓN MÓVIL

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#"><u>WO 2017093024</u></a>	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E V	System for outputting audio signals and associated method and adjusting device
<a href="#"><u>WO 2017099667</u></a>	CREATIVE TECH LTD	An audio system
<a href="#"><u>WO 2017087458</u></a>	ROVI GUIDES INC	Systems and methods for implementing a timeline scroller to navigate media asset identifiers
<a href="#"><u>WO 2017091723</u></a>	AQUTO CORP	Distributing bandwidth capacity of a mobile communication network
<a href="#"><u>WO 2017053532</u></a>	ROVI GUIDES INC	Systems and methods to detect events in programming from multiple channels
<a href="#"><u>WO 2017048724</u></a>	GOOGLE INC	Episodic timely notification
<a href="#"><u>WO 2017065535</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for controlling same
<a href="#"><u>WO 2017065392</u></a>	LG ELECTRONICS INC	Display device
<a href="#"><u>WO 2017065582</u></a>	SAMSUNG ELECTRONICS CO LTD	Electronic device sharing content with an external device and method for sharing content thereof

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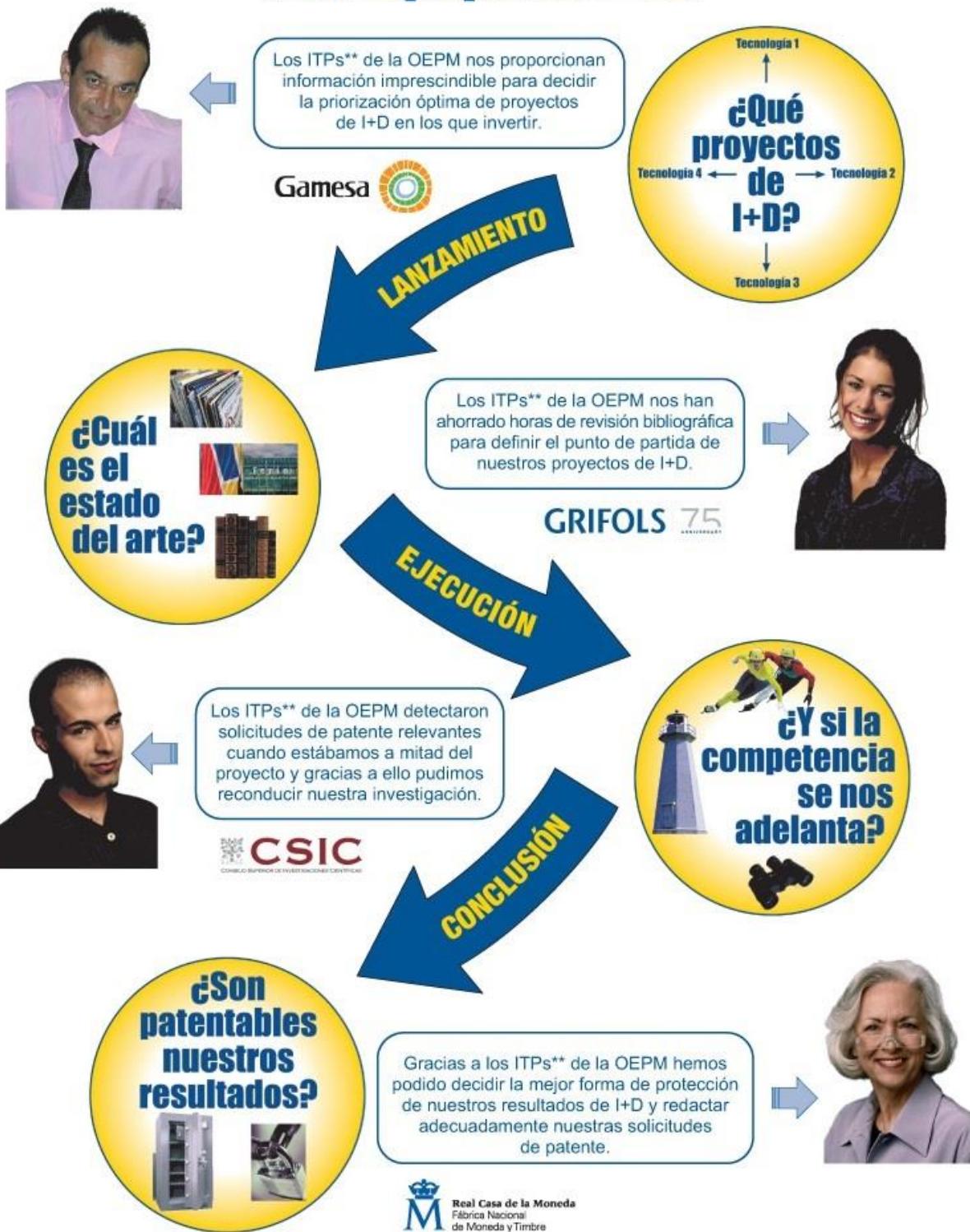
## OTRAS REFERENCIAS

### Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2017085546</a>	IDEE LTD	Security systems and methods for continuous authorized access to restricted access locations
<a href="#">WO 2017084717</a>	TELEFONAKTIEBOL AGET LM ERICSSON (PUBL)	Encryption setup verification
<a href="#">WO 2017095713</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Techniques for detecting unauthorized access to cloud applications based on velocity events
<a href="#">WO 2017087346</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Collaboration cards for communication related to a collaborated document
<a href="#">WO 2017058648</a>	AMAZON TECH INC	Mediation of wakeword response for multiple devices
<a href="#">WO 2017093791</a>	SONY CORP	Using network assistance protocol for improving network utilization
<a href="#">WO 2017058366</a>	APPLE INC	Automatic music recording and authoring tool
<a href="#">WO 2017073008</a>	CANON KK	Information processing apparatus, information terminal, method of controlling the same, print system, and storage medium
<a href="#">WO 2017083203</a>	WESTERN DIGITAL TECH INC	Optimizing setup for wireless devices
<a href="#">WO 2017091262</a>	GOOGLE INC	Automatic booking of transportation based on context of a user of a computing device
<a href="#">WO 2017062340</a>	SAVANT SYSTEMS LLC	History-based key phrase suggestions for voice control of a home automation system
<a href="#">WO 2017083589</a>	THE POSTUREAPP LLC	Promoting proper posture while using devices
<a href="#">WO 2017087639</a>	GOOGLE INC	Simulated hyperlinks on a mobile device
<a href="#">WO 2017073870</a>	SK PLANET CO LTD	User device and method for pattern recognition-based mobile card searching, and recording medium having computer program recorded therein
<a href="#">WO 2017074834</a>	GOOGLE INC	Methods and computing devices relating to translation of a single word speech input
<a href="#">WO 2017087561</a>	ADVISUAL INC	Methods and systems for dynamic chat background
<a href="#">WO 2017048916</a>	ROOT WIRELESS INC	Measurement module
<a href="#">WO 2017090251</a>	CANON KK	Communication apparatus and method for controlling the same
<a href="#">WO 2017079198</a>	UNIV JOHNS HOPKINS	Method, device, and computer-readable medium for mobile device management of collaborative industrial robot
<a href="#">WO 2017082543</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for controlling the same
<a href="#">WO 2017053311</a>	AMAZON TECH INC	Device selection for providing a response
<a href="#">WO 2017065901</a>	SONY INTERACTIVE ENTERTAINMENT AMERICA LLC	Secure device pairing
<a href="#">WO 2017058435</a>	DELTA ENERGY & COMMUNICATIONS INC	Supplemental and alternative digital data delivery and receipt mesh network realized through the placement of enhanced transformer mounted monitoring devices
<a href="#">WO 2017057912</a>	SAMSUNG ELECTRONICS CO LTD	Apparatus and method for performing application in electronic device
<a href="#">WO 2017060883</a>	KANUMURU RAHUL RAJU	Real time digital value nodes and networks
<a href="#">WO 2017070659</a>	CAMERON JOHN	Methods and systems for updating a state of being construct
<a href="#">WO 2017075550</a>	ADELPHIC INC	Systems and methods for optimal automatic advertising transactions on networked devices
<a href="#">WO 2017062327</a>	GILLETTE CO LLC	Systems and methods for device tuning
<a href="#">WO 2017061766</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for controlling accessory
<a href="#">WO 2017075109</a>	SAMSUNG PAY INC	System for and method of communicating barcode information using a mobile device

<a href="#"><u>WO 2017052145</u></a>	SAMSUNG ELECTRONICS CO LTD	Contents sharing method and electronic device supporting the same
<a href="#"><u>WO 2017052936</u></a>	INTEL CORP	Magic wand methods, apparatuses and systems for defining, initiating, and conducting quests
<a href="#"><u>WO 2017059093</u></a>	MORPHOTRUST USA LLC	System and method for using a symbol as instruction to initiate transfer of authenticated mobile identity information
<a href="#"><u>WO 2017052745</u></a>	MCAFEE INC	Systems and methods for utilizing hardware assisted protection for media content

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