

# Boletín VT

## SERVICIOS E INTERFACES AVANZADOS MÓVILES

4.º trimestre 2019

# 40

### 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: 116-19-021-9

## 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
<a href="#">WO 2019237177</a>	WGAMES INCORPORATED	Multi-process interface controller
<a href="#">WO 2019237176</a>	WGAMES INCORPORATED	Location-based interactive graphical interface device
<a href="#">WO 2019190772</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Adaptive user interface based on detection of user positions
<a href="#">WO 2019209528</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Developer and runtime environments supporting multi-input modalities
<a href="#">WO 2019212728</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Displaying a subset of menu items based on a prediction of the next user-actions
<a href="#">WO 2019236419</a>	APPLE INC	Framework providing application programming interface for user interfaces and animation
<a href="#">WO 2019234729</a>	CARBYNE LTD	Systems and methods for interfacing between software components
<a href="#">WO 2019236404</a>	APPLE INC	Devices, methods, and user interfaces for conveying proximity-based and contact-based input events
<a href="#">WO 2020005575</a>	GOOGLE LLC	Identifying and controlling smart devices
<a href="#">WO 2019190830</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Low-latency hybrid client-server cooperation for input prediction and auto-complete
<a href="#">WO 2019241033</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Emulated multi-screen display device
<a href="#">WO 2019241024</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Next operation prediction for a workflow
<a href="#">WO 2019212870</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Authoring content in three-dimensional environment
<a href="#">WO 2019217020</a>	APPLE INC	Devices and methods for adjusting the provision of notifications
<a href="#">WO 2019236412</a>	APPLE INC	Setup procedures for an electronic device
<a href="#">WO 2019236179</a>	APPLE INC	User interfaces for updating network connection settings of external devices
<a href="#">WO 2019236280</a>	APPLE INC	Displaying physical input devices as virtual objects
<a href="#">WO 2019217019</a>	APPLE INC	Devices, methods, and graphical user interfaces for proactive management of notifications
<a href="#">WO 2019217245</a>	APPLE INC	User interfaces for recommending and consuming content on an electronic device
<a href="#">WO 2019217214</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Personal history recall
<a href="#">WO 2019222544</a>	IOOI	System and method for navigating content from multiple users on a digital device
<a href="#">WO 2019183561</a>	AMAZON TECH INC	Speech interface device
<a href="#">WO 2019178865</a>	HUAWEI TECH CO LTD	Application window display method and terminal
<a href="#">WO 2019238593</a>	SWIFTCLASS SA	Multipage display on a computing device

<a href="#">WO 2019213786</a>	GUILLAUME MATHIEU	Method and electronic device for selecting files in a file system
<a href="#">WO 2019217207</a>	APPLE INC	Digital asset search user interface
<a href="#">WO 2019226400</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Using image understanding to assist user engagement
<a href="#">WO 2019232131</a>	APPLE INC	Devices, methods, and graphical user interfaces for an electronic device interacting with a stylus
<a href="#">WO 2019236903</a>	PAYPAL INC	Device interface output based on biometric input orientation and captured proximate data
<a href="#">WO 2019206002</a>	NINGBO GEELY AUTOMOBILE RES & DEVELOPMENT CO LTD	Multimedia effect
<a href="#">WO 2019222026</a>	QUALCOMM INC	Motion sensor using cross coupling
<a href="#">WO 2019222493</a>	SNAP INC	Device control using audio data
<a href="#">WO 2019202411</a>	DROPBOX INC	New comment navigation in a mobile document interface
<a href="#">WO 2019204618</a>	X DEV LLC	Managing voice interface devices
<a href="#">WO 2019232428</a>	APPLE INC	Accessing system user interfaces on an electronic device
<a href="#">WO 2019182226</a>	SAMSUNG ELECTRONICS CO LTD	System for processing sound data and method of controlling system
<a href="#">WO 2019177411</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and content display method
<a href="#">WO 2019185003</a>	HUAWEI TECH CO LTD	Display control method and device
<a href="#">WO 2019195965</a>	SHENZHEN IBOX INFORMATION TECH CO LTD	Method and apparatus for configuring interface icon, and terminal device
<a href="#">WO 2019204181</a>	EBAY INC	Aggregation and comparison of multi-tab content
<a href="#">WO 2019206158</a>	HUAWEI TECH CO LTD	Interface displaying method, apparatus, and device
<a href="#">WO 2019226443</a>	TIFFS TREATS HOLDING INC	Apparatus method and system for presentation of multimedia content including augmented reality content
<a href="#">WO 2019240857</a>	GOOGLE LLC	Generation of domain-specific models in networked system
<a href="#">WO 2019183904</a>	HUAWEI TECH CO LTD	Method for automatically identifying different human voices in audio
<a href="#">WO 2019200588</a>	HUAWEI TECH CO LTD	Method for display when exiting an application, and terminal
<a href="#">WO 2019203952</a>	PEARSON EDUCATION INC	Systems and methods for applications of augmented reality
<a href="#">WO 2019183786</a>	HUAWEI TECH CO LTD	Method and electronic device for displaying indication information
<a href="#">WO 2019183778</a>	HUAWEI TECH CO LTD	Method and electronic apparatus for fingerprint verification
<a href="#">WO 2019183779</a>	HUAWEI TECH CO LTD	Control method and electronic device
<a href="#">WO 2019194930</a>	APPLE INC	User-specific candidate ranking for outbound messages
<a href="#">WO 2019232258</a>	APPLE INC	Direct input from a remote device
<a href="#">WO 2019229438</a>	ALKHAMWARE LTD	Apparatus and method for displaying media
<a href="#">WO 2019227752</a>	HUAWEI TECH CO LTD	Method for operating electronic device and electronic device
<a href="#">WO 2019183780</a>	HUAWEI TECH CO LTD	Display control method and terminal
<a href="#">WO 2019214463</a>	ALIBABA GROUP HOLDING LTD	Man-machine dialog method, client, electronic device and storage medium
<a href="#">WO 2019214072</a>	HUAWEI TECH CO LTD	Method for displaying virtual keyboard of input method, and terminal
<a href="#">WO 2019240960</a>	APPLE INC	Linked text boxes
<a href="#">WO 2019190888</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Facilitating movement of objects using semantic analysis and target identifiers
<a href="#">WO 2019219084</a>	HUAWEI TECH CO LTD	Display control method and terminal

<a href="#">WO 2019222887</a>	HUAWEI TECH CO LTD	Display control method and terminal
<a href="#">WO 2019227281</a>	HUAWEI TECH CO LTD	Capture method and electronic device
<a href="#">WO 2019228233</a>	ZTE CORP	Split screen mode-based application interaction method and device, and storage medium
<a href="#">WO 2019232117</a>	ROBINSON THOMAS ALAN	Computerized system and method for note taking
<a href="#">WO 2019212144</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and operating method thereof
<a href="#">WO 2019226401</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Progressive presence user interface for collaborative documents
<a href="#">WO 2019177656</a>	GOOGLE LLC	Systems and methods to increase discoverability in user interfaces
<a href="#">WO 2019235793</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for providing information related to image to application through input unit
<a href="#">WO 2019191546</a>	AVAST SOFTWARE S R O	Automatic language selection in messaging application
<a href="#">WO 2019182403</a>	SAMSUNG ELECTRONICS CO LTD	Method for supporting user input and electronic device supporting the same
<a href="#">WO 2019226399</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Skill discovery for computerized personal assistant
<a href="#">WO 2019194426</a>	SAMSUNG ELECTRONICS CO LTD	Method for executing application and electronic device supporting the same
<a href="#">WO 2019237177</a>	WGAMES INCORPORATED	Multi-process interface controller
<a href="#">WO 2019237176</a>	WGAMES INCORPORATED	Location-based interactive graphical interface device
<a href="#">WO 2019190772</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Adaptive user interface based on detection of user positions
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<a href="#">WO 2020005575</a>	GOOGLE LLC	Identifying and controlling smart devices
<a href="#">WO 2019190830</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Low-latency hybrid client-server cooperation for input prediction and auto-complete
<a href="#">WO 2019241033</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Emulated multi-screen display device
<a href="#">WO 2019241024</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Next operation prediction for a workflow

[...ver más](#)

# SERVICIOS MÓVILES AVANZADOS

## REDES SOCIALES

### Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 2019234291</a>	NOKIA TECHNOLOGIES OY	An apparatus, a method and a computer program for selecting a neural network
<a href="#">WO 2019209504</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Forecasting underutilization of a computing resource
<a href="#">WO 2019239232</a>	DEVIREDDY VEERESH	Cross-domain shortlisting
<a href="#">WO 2019213127</a>	FACEBOOK INC	Systems and methods for providing a community-based dating service for a social networking system
<a href="#">WO 2019232622</a>	GENETEC INC	Electronic evidence transfer
<a href="#">WO 2019217441</a>	BUZZ LABS INC	Wearable device and system for personal wellbeing
<a href="#">WO 2019220098</a>	MOMENTPIN LTD	Controlling access to profiles in an online social network
<a href="#">WO 2019199977</a>	SNAP INC	Content suggestion system
<a href="#">WO 2019232041</a>	GOOGLE LLC	Feature exposure for model recommendations and feedback
<a href="#">WO 2019218348</a>	WENG SHAOMING	Social media live-broadcasting rewarding method
<a href="#">WO 2019187593</a>	SONY CORP	Information processing device, information processing method, and program
<a href="#">WO 2019211698</a>	GIORGADZE ANIKO TENGIZOVNA	Method for displaying a news feed in a social network or communications application
<a href="#">WO 2019178298</a>	FACEBOOK INC	Systems and methods for enabling users of a social networking system to assist each other in making connections with other users
<a href="#">WO 2019178361</a>	SNAP INC	Generating collectible media content items based on location information
<a href="#">WO 2019213369</a>	TWITTER INC	Server-side ui task control for onboarding users to a messaging platform
<a href="#">WO 2019212413</a>	KAHA PTE LTD	A method, system and apparatus for connecting users of wearable devices
<a href="#">WO 2019200485</a>	CURATIO NETWORKS INCORPORATED	Group a: system for providing recommended content based on compatibility of user profiles group b: system for providing recommended content based on user interaction with online content and compatibility of user profiles
<a href="#">WO 2019226795</a>	WP COMPANY LLC	Techniques for prediction of long-term popularity of digital media
<a href="#">WO 2019204361</a>	PAYPAL INC	Content linking and aggregation
<a href="#">WO 2019212729</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Generating response based on user's profile and reasoning on contexts
<a href="#">WO 2019177836</a>	ROBLOX CORP	Preventing unauthorized account access based on location and time
<a href="#">WO 2019190570</a>	FACEBOOK INC	Systems and methods for prefetching content
<a href="#">WO 2019199905</a>	FACEBOOK INC	Automated decisions based on descriptive models
<a href="#">WO 2019204775</a>	FACEBOOK TECH LLC	Auto-completion for gesture-input in assistant systems

[...ver más](#)

## PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
<a href="#">WO 202004859</a>	SWYCL INC	Escrow non-face-to-face cryptocurrency transaction device and method using phone number
<a href="#">WO 2019245940</a>	JPMORGAN CHASE BANK NA	Systems and methods for managing third party tokens and transactions across issuer ecosystems
<a href="#">WO 2019246040</a>	FIRST DATA CORP	Instant digital issuance
<a href="#">WO 2019191365</a>	AVERON US INC	Method and apparatus for facilitating performing payment option aggregation utilizing an automated authentication engine
<a href="#">WO 2019195500</a>	ILLINOIS TOOL	Secure access locker banks
<a href="#">WO 2019245637</a>	MASTERCARD INTERNATIONAL INC	System and process for on-the-fly cardholder verification method selection
<a href="#">WO 2019191367</a>	AVERON US INC	Method and apparatus for facilitating multi-element bidding for influencing a position on a payment list generated by an automated authentication engine
<a href="#">WO 2019235665</a>	CHOI DONGMIN	Transaction method for genuine currency
<a href="#">WO 2019235660</a>	WON KWANG YEON	Smartphone installed with bill splitting app using gift certificate and bill splitting system comprising same
<a href="#">WO 2019234420</a>	LOYALTY ANGELS LTD	Method and system for controlling display of a representation of a physical user token in a digital wallet
<a href="#">WO 2019245840</a>	MASTERCARD INTERNATIONAL INC	Digital advertisement platform
<a href="#">WO 2019191433</a>	AVERON US INC	Method and apparatus for facilitating payment option aggregation and without additional user input, payment option selection, utilizing an automated authentication engine
<a href="#">WO 2019234419</a>	LOYALTY ANGELS LTD	Method and system for controlling feedback communication to a user during an electronic interaction
<a href="#">WO 2019241691</a>	PAYPAL INC	Two-factor authentication through ultrasonic audio transmissions
<a href="#">WO 2019175520</a>	COMMUNE DU TAMPON 7210 MAIRIE DU TAMPON	Equipment and system for treating cloud-based packages and groups of consultation and payment services
<a href="#">WO 2019203798</a>	VISA INT SERVICE ASS	System and method for processing card not present transactions
<a href="#">WO 2019217726</a>	AVERON US INC	Improved identification and authentication of a user using identity-linked device information for facilitation of near-field events
<a href="#">WO 2019226005</a>	KIM SUNG HOON	Device and method for authenticating card for payment terminal
<a href="#">WO 2019236804</a>	JPMORGAN CHASE BANK NA	System and method for multi-certificate pinning
<a href="#">WO 2019238688</a>	THALES DIS FRANCE SA	Method and system to create a trusted record or message and usage for a secure activation or strong customer authentication
<a href="#">WO 2019171288</a>	ENTERSEKT INTERNATIONAL LTD	Contactless communication-based financial transactions
<a href="#">WO 2019199276</a>	VISA INT SERVICE ASS	Method, system, and computer program product for authenticating a device
<a href="#">WO 2019233626</a>	GIESECKE DEVRIENT MOBILE SECURITY GMBH	Method having safe-error defensive measure
<a href="#">WO 2019241173</a>	BRAVE SOFTWARE INC	Attention token digital asset rewards
<a href="#">WO 2019219980</a>	IMAGENPAY UK LTD	A system, device and method for executing a digital wallet application
<a href="#">WO 2019231406</a>	SNEP D O O	A system and a method for on-demand printing and dispensing publications such as newspapers
<a href="#">WO 2019194964</a>	EBAY INC	User authentication in hybrid environments
<a href="#">WO 2019203384</a>	PARK HEE YOUNG	Mobile payment service method and system for preventing leakage of personal information, double payment, overpayment, or payment error, by allowing user to directly input payment amount, receive one-time payment security code generated by financial institution, and make payment at the time of making online or offline payment

<a href="#">WO 2019230986</a>	NAKAMINE TOMOHIRO	Settlement information management system, settlement information management program, and settlement information management method
<a href="#">WO 2019178817</a>	HUAWEI TECH CO LTD	Product sales volume extraction and reporting method, payment method, and terminal apparatus
<a href="#">WO 2019199411</a>	VISA INT SERVICE ASS	System, method, and computer program product for conducting a payment transaction involving payment on delivery
<a href="#">WO 2019230440</a>	FELICA NETWORKS INC	Information processing device, information processing terminal, and information processing method
<a href="#">WO 2020003072</a>	IBM	Frictionless microlocation detection and authorization
<a href="#">WO 2019181647</a>	ALIVECAST INC	Electronic ticket processing device, electronic ticket processing system, electronic ticket processing program, and electronic ticket processing method
<a href="#">WO 2019201754</a>	INGENICO GROUP	Device for determining a transactional device, method and corresponding computer program
<a href="#">WO 2019221973</a>	MASTERCARD INTERNATIONAL INC	Systems and methods for personalizing payment cards
<a href="#">WO 2019177984</a>	VISA INT SERVICE ASS	Techniques for secure channel communications
<a href="#">WO 2019194962</a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Fraud management using a distributed database
<a href="#">WO 2019195676</a>	VISA INT SERVICE ASS	Smart device system and method of use
<a href="#">WO 2019200190</a>	MASTERCARD INTERNATIONAL INC	Systems and methods for use in providing digital identities
<a href="#">WO 2019203989</a>	MASTERCARD INTERNATIONAL INC	Methods, systems and computer program products for contactless payments
<a href="#">WO 2019206142</a>	BBPOS LTD	System and method for a near field communications reader device
<a href="#">WO 2019217346</a>	GLOBAL MOBILE FINANCE INC	Selecting nodes to execute chaincode in a blockchain environment
<a href="#">WO 2019218817</a>	TENCENT TECH SHENZHEN CO LTD	Payment method, apparatus, related device, and system
<a href="#">WO 2019225301</a>	FELICA NETWORKS INC	Portable terminal and ic chip management method
<a href="#">WO 2019231758</a>	VISA INT SERVICE ASS	System and method for facilitating reclamation requests
<a href="#">WO 2019208861</a>	NEXON KOREA CORP	Device and method for providing transaction service of cryptocurrency by means of electronic wallet
<a href="#">WO 2019212269</a>	LOCAL MARKETING PARTNERS CO LTD	Contactless sound wave payment system for inputting, by purchaser terminal, payment amount, and method thereof
<a href="#">WO 2019231543</a>	MASTERCARD INTERNATIONAL INC	Improvements relating to tokenisation of payment data
<a href="#">WO 2019179382</a>	CHINA UNIONPAY CO LTD	Data processing method based on nfc label, system and server thereof
<a href="#">WO 2019204412</a>	WALMART APOLLO LLC	System and method for on-site purchases at automated storage and retrieval system
<a href="#">WO 2019205143</a>	SHENZHEN LANBEI TECH CO LTD	Novel convenient retail system and method
<a href="#">WO 2019222729</a>	JPMORGAN CHASE BANK NA	Methods for facilitating funds disbursements and devices thereof
<a href="#">WO 2019231457</a>	VISA INT SERVICE ASS	Web site compromise detection
<a href="#">WO 2019231436</a>	VISA INT SERVICE ASS	System and method for efficiently delivering data to target users
<a href="#">WO 2019199283</a>	VISA INT SERVICE ASS	Tamper-resistant data encoding for mobile devices
<a href="#">WO 2019229655</a>	CHANNEL TECH FZE	Credit limit-based provisioning of network usage advances
<a href="#">WO 2019237020</a>	JPMORGAN CHASE BANK NA	Methods for early credit risk escalation and management and devices thereof
<a href="#">WO 2019177408</a>	SAMSUNG ELECTRONICS CO LTD	System and electronic device for performing offline payment by using online authentication

<a href="#">WO 2019182674</a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Authenticated secure online and offline transactions
<a href="#">WO 2019190786</a>	VISA INT SERVICE ASS	Untethered resource distribution and management
<a href="#">WO 2019213627</a>	PAYPAL INC	System and method for generating a dynamic machine readable code
<a href="#">WO 2019211997</a>	SONY SEMICONDUCTOR SOLUTIONS CORP	Communication device and communication method
<a href="#">WO 2019216903</a>	VISA INT SERVICE ASS	System, method, and computer program product for operating a warehouse management system via sonic communication
<a href="#">WO 2019191404</a>	AVERON US INC	Method and apparatus for facilitating payment option aggregation to complete a transaction initiated at a third party payment apparatus, utilizing an automated authentication engine
<a href="#">WO 2019194925</a>	SECRETLAB LLC	Reservation buying/selling systems and methods
<a href="#">WO 2019195963</a>	SHENZHEN IBOX INFORMATION TECH CO LTD	Method for outputting payment-receiving information, and terminal
<a href="#">WO 2019199272</a>	VISA INT SERVICE ASS	System and method for secure device connection
<a href="#">WO 2019203853</a>	VISA INT SERVICE ASS	Portable device loading mechanism for account access
<a href="#">WO 2019215976</a>	HITACHI LTD	Payment management system and payment management method
<a href="#">WO 2019220250</a>	EDST LLC	Intelligent property management system
<a href="#">WO 2019219981</a>	IMAGENPAY UK LTD	A method and system for fulfilling an action
<a href="#">WO 2019175427</a>	SHANGHAI WEILIAN INFORMATION TECH CO LTD	Method, device and medium for protecting work based on blockchain
<a href="#">WO 2019177230</a>	TK101 GLOBAL KOREA INC	Technique for providing tax refund service
<a href="#">WO 2019178075</a>	VISA INT SERVICE ASS	Digital access code
<a href="#">WO 2019174783</a>	GIESECKE DEVRIENT MOBILE SECURITY GMBH	Registration of electronic payment means
<a href="#">WO 2019199282</a>	VISA INT SERVICE ASS	Deep link authentication
<a href="#">WO 2019194960</a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Transaction process using blockchain token smart contracts
<a href="#">WO 2019209435</a>	MASTERCARD INTERNATIONAL INC	Wearable device for authenticating payment transactions
<a href="#">WO 2019210310</a>	SHARESPOST INC	Global liquidity and settlement system
<a href="#">WO 2019226620</a>	VISA INT SERVICE ASS	System, method, and computer program product for authenticating user activity based on biometric data
<a href="#">WO 2019189948</a>	NURIFLEX HOLDINGS INC	Transaction system and transaction method
<a href="#">WO 2019212263</a>	SAMSUNG ELECTRONICS CO LTD	System and method for resource access authentication
<a href="#">WO 2019213418</a>	WALMART APOLLO LLC	Systems and methods for transactions at a shopping cart
<a href="#">WO 2019200169</a>	VIOLET IO INC	Headless multi-platform e-commerce distribution system and method
<a href="#">WO 2019204051</a>	WALMART APOLLO LLC	Systems and methods for automatically ordering a product item via a wearable technology
<a href="#">WO 2019172866</a>	VISA INT SERVICE ASS	System, method, and computer program product for communicating audio data based on an image
<a href="#">WO 2019175521</a>	COMMUNE DU TAMPON 7210 MAIRIE DU TAMPON	System for providing ergonomics, comfort and security to user-machine interactions in on-line services



<a href="#">WO 2019210794</a>	HUAWEI TECH CO LTD	Device and method for data security with trusted execution environment
<a href="#">WO 2019214430</a>	NINGBO GEELY AUTOMOBILE RES & DEVELOPMENT CO LTD	Parking system and method
<a href="#">WO 2019205142</a>	SHENZHEN LANBEI TECH CO LTD	Novel retail system and method based on facial recognition
<a href="#">WO 2019177602</a>	VISA INT SERVICE ASS	Embedded payment tokens in digital media objects
<a href="#">WO 2019173048</a>	MASTERCARD INTERNATIONAL INC	One-time password processing systems and methods
<a href="#">WO 2019173278</a>	KABBAGE INC	System to initiate fund transfers using uniform resource locator
<a href="#">WO 2019177990</a>	VISA INT SERVICE ASS	Techniques for optimizing communication protocols
<a href="#">WO 2019191550</a>	TIKKIT INC	Ticket verification
<a href="#">WO 2019222369</a>	POWER HERO CORP	Mobile electric vehicle charging station system
<a href="#">WO 2019193585</a>	PEIRAVI ESFAHANI FARZAD	A method for order to delivery process without vendor involvement

[..ver más](#)

## BASADOS EN LA LOCALIZACIÓN

### Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2020005786</a>	THE WIRELESS REGISTRY INC	Systems and methods for validating human mobile users with wireless signals
<a href="#">WO 2019200363</a>	GOOGLE LLC	Location-based resource scheduling
<a href="#">WO 2019226910</a>	UNIV CALIFORNIA	Unsupervised wifi-enabled device-user association for personalized location-based service
<a href="#">WO 2019200385</a>	SALANDY DEFOUR RICARDO SCOTT	Proximity-based event networking system and wearable augmented reality clothing
<a href="#">WO 2019232441</a>	VAAS INT HOLDINGS INC	Geolocation based on radio frequency communication and video imagery
<a href="#">WO 2019191720</a>	AVAST SOFTWARE S R O	Enabling wireless security measures based on wireless access point attributes
<a href="#">WO 2019209407</a>	WALMART APOLLO LLC	Order fulfillment system having dynamic routing
<a href="#">WO 2019213507</a>	RAKUTEN INC	Augmented location determination using sensor data

[..ver más](#)

## TELEVISIÓN MÓVIL

### Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2019194423</a>	SAMSUNG ELECTRONICS CO LTD	Electronic apparatus and operating method thereof
<a href="#">WO 2019212444</a>	AMVG ULUSLARARASI INTERNET VE TELEKOMUENIKASY ON HIZMETLERI TICARET LTD SIRKETI	Deduplicated data-triggered advertising system and method
<a href="#">WO 2019223889</a>	VESTEL ELEKTRONIK SANAYI VE TICARET A S	Method, system and computer program for remotely controlling a display device via head gestures
<a href="#">WO 2019231451</a>	GOOGLE LLC	Systems and methods for calculating reach with the convergence of multiple panel universes
<a href="#">WO 2019199742</a>	GOOGLE LLC	Continuous detection of words and related user experience
<a href="#">WO 2019236581</a>	DISRUPTEL INC	Systems and methods for operating an output device
<a href="#">WO 2019224419</a>	NOKIA TECHNOLOGIES OY	Method and apparatus for collecting media usage information
<a href="#">WO 2019190073</a>	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method thereof
<a href="#">WO 2019191875</a>	THE NIELSEN COMPANY US LLC	Processor systems to estimate audience sizes and impression counts for different frequency intervals

[..ver más](#)

## OTRAS REFERENCIAS

### Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

<a href="#">WO 2019236390 A1</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Anomalous access point detection
<a href="#">WO 2019236568 A1</a>	MAGIC LEAP INC	Matching content to a spatial 3d environment
<a href="#">WO 2019226066 A1</a>	YURASOV EVGENIJ EVGENEVICH	Method and system for the personalized monitoring of waste sorting
<a href="#">WO 2019231641 A1</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Human-computer interface for computationally efficient placement and sizing of virtual objects in a three-dimensional representation of a real-world environment
<a href="#">WO 2020005513 A1</a>	MICROSOFT TECHNOLOGY LICENSING LLC	Concealing sensitive information in text
<a href="#">WO 2019171651 A1</a>	SONY CORP	Information processing device, analyzer, and information processing system
<a href="#">WO 2019217225 A1</a>	WALMART APOLLO LLC	Deoptimized shopping route for achieving user fitness goals
<a href="#">WO 2019209853 A1</a>	CARRIER CORP	Modeling of preprogrammed scenario data of a gesture-based, access control system
<a href="#">WO 2019210018 A1</a>	CARRIER CORP	Prestaging, gesture-based, access control system
<a href="#">WO 2019217320 A1</a>	GOOGLE LLC	Mixing audio based on a pose of a user
<a href="#">WO 2019231816 A1</a>	GANESAN ANAND	Methods, devices and systems for improved search of personal and enterprise digital assets
<a href="#">WO 2019210024 A1</a>	CARRIER CORP	Seamless access control system using wearables
<a href="#">WO 2019182907 A1</a>	NULMAN YANIR	Design, platform, and methods for personalized human interactions through digital communication devices
<a href="#">WO 2019210028 A1</a>	CARRIER CORP	A gesture access control system including a mobile device disposed in a containment carried by a user
<a href="#">WO 2019226914 A1</a>	JPMORGAN CHASE BANK NA	Method and system for improved malware detection
<a href="#">WO 2019190243 A1</a>	SAMSUNG ELECTRONICS CO LTD	System and method for generating information for interaction with a user
<a href="#">WO 2019227086 A1</a>	PEOPLE AI INC	Systems and methods for generating completion metrics of record objects
<a href="#">WO 2019217276 A1</a>	STAR CO SCIENTIFIC TECH ADVANCED RESEARCH CO LLC D/B/A STAR CO	Mobile device cover for use with a host mobile device
<a href="#">WO 2019198265 A1</a>	MITSUBISHI ELECTRIC CORP	Speech recognition system and method using speech recognition system
<a href="#">WO 2019226676 A1</a>	JPMORGAN CHASE BANK NA	Methods for providing control and management of services in a hybrid cloud environment and devices thereof
<a href="#">WO 2019195931 A1</a>	TUNEVU INC	System and method for management and delivery of secondary syndicated companion content of discovered primary digital media presentations
<a href="#">WO 2019212575 A1</a>	MAALOUF RAMZI KHALIL	System, apparatus, and method for optimizing viewing experience on an intelligent terminal
<a href="#">WO 2019199988 A1</a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Data enrichment environment using blockchain
<a href="#">WO 2019195797 A1</a>	BIRD RIDES INC	Crowdsourced servicing of on-demand electric –vehicles
<a href="#">WO 2019182985 A1</a>	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Support chat profiles using ai

<a href="#">WO 2019178352 A1</a>	INTERSECTION PARENT INC	Systems, methods and programmed products for electronic bidding on and electronic tracking, delivery and performance of digital advertisements on non-personal digital devices
<a href="#">WO 2019191478 A2</a>	SONOS INC	Headphone interaction with media playback system

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