

Boletín VT

SERVICIOS E INTERFACES AVANZADOS MÓVILES

3.º trimestre 2022

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Vigilancia Tecnológica



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

El presente boletín, elaborado por la Unidad de Información Tecnológica de la Oficina Española de Patentes y Marcas (OEPM), pretende revisar la evolución de la innovación, en el marco de las patentes de las tecnologías de comunicaciones móviles, en relación con algunos de los aspectos que mayor incidencia tienen sobre el usuario final, tal como son las nuevas interfaces de operación de dispositivos móviles (pantallas táctiles, menús intuitivos, control por voz, teclados integrados), o los nuevos servicios

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

De este modo, el boletín, de periodicidad trimestral, recogerá las publicaciones más recientes de solicitudes internacionales de patente (solicitudes PCT) publicadas en el trimestre inmediatamente anterior a su elaboración. Se ha restringido el ámbito de este boletín a solicitudes PCT por considerarse que al ser estas solicitudes con las que las empresas pretenden proteger sus invenciones en distintos países, se corresponden con invenciones de una cierta relevancia tecnológica.

CONTENIDO:

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

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
WO 2022184252 A1	ERICSSON TELEFON AB L M	A computer a software module arrangement, a circuitry arrangement, a user equipment and a method for an improved and extended user interface
WO 2022184250 A1	ERICSSON TELEFON AB L M	A computer a software module arrangement, a circuitry arrangement, a user equipment and a method for an improved user interface controlling multiple applications simultaneously
WO 2022184251 A1	ERICSSON TELEFON AB L M	A computer a software module arrangement, a circuitry arrangement, a user equipment and a method for an improved and extended user interface
WO 2022187767 A1	QUALCOMM INC	Randomized multi-fingerprint authentication
WO 2022180016 A1	MYSCRIPT	Modifying digital content including typed and handwritten text
WO 2022191407 A1	SAMSUNG ELECTRONICS CO LTD	Method, device, and storage medium for providing user interface
WO 2022192853 A1	APPLE INC	Transferrable interface
WO 2022132815 A1	FACEBOOK TECH LLC	Wireless link control based on time averaged specific absorption rate and quality of service
WO 2022127304 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Method and apparatus for adjusting interface display state, and device and storage medium
WO 2022191395 A1	SAMSUNG ELECTRONICS CO LTD	Apparatus for processing user command, and operating method therefor
WO 2022183886 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Automatic browsing method, terminal, and computer-readable storage medium
WO 2022188862 A1	BEIJING BYTEDANCE NETWORK TECH CO LTD	Media content favoriting method and apparatus, electronic device, and computer readable storage medium
WO 2022192220 A1	SONOS INC	Off-lan experience for portables
WO 2022178132 A1	APPLE INC	User interfaces and device settings based on user identification
WO 2022191597 A1	SAMSUNG ELECTRONICS CO LTD	Enhanced user interface (ui) button control for mobile applications
WO 2022183331 A1	BOE TECHNOLOGY GROUP CO LTD	Interface display method and apparatus, computer readable storage medium, and electronic device
WO 2022191412 A1	SAMSUNG ELECTRONICS CO LTD	Electronic apparatus and control method therefor
WO 2022146729 A1	SNAP INC	Body ui for augmented reality components
WO 2022164754 A1	SPLUNK INC	Extension framework for an information technology and security operations application
WO 2022147450 A1	SNAP INC	Communication interface with haptic feedback response
WO 2022165279 A1	APPLE INC	User interfaces and associated systems and processes for sharing portions of content items
WO 2022179273 A1	HUAWEI TECH CO LTD	Distributed audio playing method, and electronic device
WO 2022111648 A1	HUAWEI TECH CO LTD	Vr interaction method and apparatus
WO 2022111727 A1	HUAWEI TECH CO LTD	Multi-screen collaborative display method and electronic device

WO 2022162356 A1	STRINGBOARD TECH LTD	Apparatus and method for entering logograms into an electronic device
WO 2022179371 A1	HUAWEI TECH CO LTD	Tiled display method, electronic device, and system
WO 2022179431 A1	HUAWEI TECH CO LTD	Display mode switching method and apparatus, and electronic device and medium
WO 2022146608 A1	SNAP INC	User behavior based notification interface
WO 2022179248 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Desktop plug-in control method and apparatus, storage medium and electronic device
WO 2022152782 A1	MYSRIPT	Completing typeset characters using handwritten strokes
WO 2022179329 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Text processing method and apparatus, and electronic device and storage medium
WO 2022109883 A1	BOE TECHNOLOGY GROUP CO LTD	Screen projection interaction method, screen projection system and terminal device
WO 2022147449 A1	SNAP INC	Electronic communication interface with haptic feedback response
WO 2022179275 A1	HUAWEI TECH CO LTD	Terminal application control method, terminal device, and chip system
WO 2022191976 A1	APPLE INC	Continuous dialog with a digital assistant
WO 2022158820 A1	SAMSUNG ELECTRONICS CO LTD	Systems and methods for manipulating views and shared objects in xr space
WO 2022127661 A1	HUAWEI TECH CO LTD	Application sharing method, and electronic device and storage medium
WO 2022166516 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Screen splitting method and apparatus, electronic device, and storage medium
WO 2022143152 A1	HUAWEI TECH CO LTD	Display method and electronic device
WO 2022135273 A1	HUAWEI TECH CO LTD	Method for invoking capabilities of other devices, electronic device, and system
WO 2022166713 A1	HUAWEI TECH CO LTD	Electronic device and display method for application thereof, and medium
WO 2022154449 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device, and operating method of electronic device
WO 2022179405 A1	HUAWEI TECH CO LTD	Screen projection display method and electronic device
WO 2022160959 A1	HUAWEI TECH CO LTD	Always on display method, and terminal device and chip
WO 2022179249 A1	HUAWEI TECH CO LTD	Function page display method and electronic device
WO 2022127591 A1	HUAWEI TECH CO LTD	Space management method and apparatus, and electronic device and readable storage medium
WO 2022147451 A1	SNAP INC	Media content items with haptic feedback augmentations
WO 2022135163 A1	HUAWEI TECH CO LTD	Screen projection display method and electronic device
WO 2022159199 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Productivity entity containers and unified view interface for different productivity entity types
WO 2022169038 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method therefor
WO 2022154500 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for configuring layout on basis of folding state of electronic device
WO 2022143891 A1	HUAWEI TECH CO LTD	Focal point synchronization method and electronic device
WO 2022160940 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Screen projection display method and apparatus, mobile terminal, storage medium, and program product
WO 2022177264 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and voice recognition processing method of electronic device
WO 2022133336 A1	SOCRATIC SCIENCES	System and method for interacting with computing device

WO 2022160999 A1	HUAWEI TECH CO LTD	Display method and electronic device
WO 2022143198 A1	HUAWEI TECH CO LTD	Processing method for application interface, and related device
WO 2022166550 A1	HUAWEI TECH CO LTD	Data transmission method and electronic device
WO 2022161119 A1	HUAWEI TECH CO LTD	Display method and electronic device
WO 2022154618 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for controlling connectable external device
WO 2022139097 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device, system, and control method therefor
WO 2022177221 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device, and operation method of electronic device
WO 2022149954 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device having flexible display and method for providing control panel according to mode change thereof
WO 2022148767 A2	TYPEWISE LTD	Methods and systems for modifying user input processes

[...ver más](#)

SERVICIOS MÓVILES AVANZADOS

REDES SOCIALES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2022184166 A1	TENCENT TECH SHENZHEN CO LTD	Object account grouping method and apparatus, device, and storage medium
WO 2022193862 A1	IBM	User authentication using original and modified images
WO 2022111640 A1	PETAL CLOUD TECH CO LTD	Application classification method, electronic device, and chip system
WO 2022140131 A1	SNAP INC	Chat interface with dynamically populated menu element
WO 2022146740 A1	SNAP INC	Video creation and editing and associated user interface
WO 2022146844 A1	SNAP INC	Trimming video within a messaging system
WO 2022161071 A1	HUAWEI TECH CO LTD	Group member or friend adding method, and electronic device
WO 2022161132 A1	HUAWEI TECH CO LTD	Voice broadcasting method and apparatus
WO 2022172251 A1	L B C SOFTWARE AND DIGITAL SOLUTIONS LTD	Method and system for auto filtering candidates
WO 2022148765 A1	O MAIL AB	Method and system for managing digital, electronic communication

[...ver más](#)

PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2022184385 A1	THALES DIS FRANCE SAS	Method for managing a transaction with a smart card
WO 2022182422 A1	CAPITAL ONE SERVICES LLC	Modifying a user interface to make a card associated with an entity available at a relevant time
WO 2022183915 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Payment method and apparatus for mobile terminal, and storage medium and mobile terminal
WO 2022194864 A1	ISORG	Access control for applications
WO 2022182639 A1	BLOCK INC	Embedded card reader security
WO 2022182389 A1	VISA INT SERVICE ASS	Digital tag including request for interaction
WO 2022137495 A1	NEC CORP	Information processing device, notification provision method, and program recording medium
WO 2022167634 A1	LINXENS HOLDING	Method for manufacturing chip card modules and band of flexible material supporting such modules
WO 2022177694 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Estimating emissions with virtual sensor models
WO 2022129648 A1	DURAN CARRIEL CARLA	Vending machine of cases for cellphones and digital tablets
WO 2022169457 A1	VISA INT SERVICE ASS	Mobile device secret protection system and method
WO 2022146612 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Smart fabric that recognizes objects and touch input
WO 2022169862 A1	CAPITAL ONE SERVICES LLC	Url-based authentication for payment cards
WO 2022175393 A1	THEMIS	Electric battery rental device and associated assembly
WO 2022142079 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Graphic code display method and apparatus, terminal, and storage medium
WO 2022133026 A1	VISA INT SERVICE ASS	Method and system for authentication credential
WO 2022154842 A1	ROCKSPOON INC	Predictive pre-authorization of transactions using passive biometrics
WO 2022155627 A1	AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC	Biometric-based identity verification using zero-knowledge proofs
WO 2022169987 A1	GODDARD DANIEL	Augmented reality peer-to-peer payment system
WO 2022182566 A1	OVE INC	Payment system using customer's fingerprints
WO 2022143471 A1	HUAWEI TECH CO LTD	Payment method and communication apparatus
WO 2022142674 A1	HONOR DEVICE CO LTD	Shortcut creation method and related device
WO 2022158658 A1	PAY COCK CO LTD	Payment service providing server and payment service providing method using customer-personalized virtual token type terminal for each affiliate
WO 2022131928 A1	FYGI TECH AS	A sensor device, method and system for defining the status of a tagged commodity
WO 2022162346 A1	CREID TECH LIMITED	Payment system and methods
WO 2022159345 A1	VISA INT SERVICE ASS	Mobile user authentication system and method
WO 2022170259 A1	AMPACASH CORP	Systems and methods for processing micropayments
WO 2022174219 A1	CITIFYD INC	Vehicle parking barrier access control system
WO 2022182316 A1	TURKIYE GARANTI BANKASI ANONIM SIRKETI	A payment system with verification step by identity card
WO 2022147372 A1	CIRCLESX LLC	Legal claim exchange with price time priority queues
WO 2022155494 A1	RENT A CENTER WEST INC	Rent to own transaction system
WO 2022182223 A1	DEGO MALAYSIA SDN BHD	Drive-thru facility

WO 2022135073 A1	HUAWEI CLOUD COMPUTING TECH CO LTD	Authentication system, device and method
WO 2022140236 A1	SIMPELLO LLC	Local transaction authorization using biometric information provided by a user device
WO 2022153607 A1	BROTHER IND LTD	Program, recording system, and control method
WO 2022135203 A1	PETAL CLOUD TECH CO LTD	Identity verification method, apparatus and system
WO 2022154789 A1	VISA INT SERVICE ASS	Token-based off-chain interaction authorization
WO 2022139595 A1	XERO LTD	Transaction data processing systems and methods
WO 2022162419 A2	PADMANABHAN MURUKAN	Tracbills
WO 2022140853 A1	MASTERCARD TECH CANADA ULC	Systems, methods, computer-readable media, and devices for authenticating users
WO 2022164375 A1	CRUNCHFISH DIGITAL CASH AB	Transfer of digital cash between mobile communication device and smart card
WO 2022139774 A1	TURKCELL TEKNOLOJI ARASTIRMA VE GELISTIRME ANONIM SIRKETI	A system for realizing identity authentication over a blockchain in interactive voice response calls
WO 2022184385 A1	THALES DIS FRANCE SAS	Method for managing a transaction with a smart card

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BASADOS EN LA LOCALIZACIÓN

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2022146899 A1	META PLATFORMS INC	Visual editor for designing augmented-reality effects that utilize voice recognition
WO 2022146438 A1	GOOGLE LLC	Augmented reality based geolocalization of images
WO 2022178156 A1	VIEW INC	Wearable device coupled to a facility network
WO 2022124135 A1	KONAMI DIGITAL ENTERTAINMENT CO LTD	Game program, game processing method, and game device
WO 2022167217 A1	SONY GROUP CORP	Mobile device, server, computer program, and methods for privacy preservation
WO 2022186541 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and location information providing method using same
WO 2022143711 A1	HUAWEI TECH CO LTD	Data processing method and apparatus
WO 2022155253 A1	TAQILE INC	Coordinating operations within an xr environment from remote locations
WO 2022143089 A1	HUAWEI TECH CO LTD	Indoor positioning method, and terminal and system
WO 2022156438 A1	HUAWEI TECH CO LTD	Wakeup method and electronic device
WO 2022154784 A1	HEWLETT PACKARD DEVELOPMENT CO	Display settings changes based on locations
WO 2022164564 A1	INCOGNIA TECNOLOGIA DA INFORMACAO LTDA	Systems and methods for using non-identifiable sensor information to validate user information
WO 2022149797 A1	SAMSUNG ELECTRONICS CO LTD	Location-based electronic device for controlling plurality of external devices, operating method therefor, and storage medium
WO 2022140574 A1	KASHAN MATTHEW	Systems and methods for location-based event matching

[..ver más](#)

TELEVISIÓN MÓVIL

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2022184253 A1	ERICSSON TELEFON AB L M	A computer software module arrangement, a circuitry arrangement, an arrangement and a method for an improved user interface for internet of things devices
WO 2022183941 A1	HUAWEI TECH CO LTD	Message reply method and device
WO 2022175239 A1	IRDETO BV	Providing and managing mobile network operator profiles
WO 2022169502 A1	GOOGLE LLC	Assistant device arbitration using wearable device data
WO 2022192067 A1	QUINTAR INC	Augmented reality system for viewing an event with mode based on crowd sourced images
WO 2022172224 A1	SONY GROUP CORP	Media display device control based on eye gaze
WO 2022121775 A1	HUAWEI TECH CO LTD	Screen projection method, and device
WO 2022173734 A1	ARRIS ENTPR LLC	Electronic device, method, medium, and program for simultaneous interpretation
WO 2022169101 A1	SAMSUNG ELECTRONICS CO LTD	User device and control method thereof
WO 2022131432 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method thereof
WO 2022149620 A1	LG ELECTRONICS INC	Display device
WO 2022163948 A1	SAMSUNG ELECTRONICS CO LTD	Method for generating application for controlling external electronic device, and electronic device supporting same
WO 2022139285 A1	GENIROBOT CO LTD	Method and system for measuring distance to a movable beacon by using a beacon scanner

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2022160107 A1	HUAWEI TECH CO LTD	Communication method and apparatus
WO 2022178399 A1	META PLATFORMS TECH LLC	Methods and systems of data transmission within ultra-wideband ranging protocol
WO 2022193921 A1	IBM	Password manager accessory
WO 2022186811 A1	HEWLETT PACKARD DEVELOPMENT CO	Transmit power controls
WO 2022179676 A1	SONOBEACON GMBH	Rendering additional content for a streamed piece of audio content by using watermark-based identification
WO 2022140711 A1	QUALCOMM INC	Configuring an ultrasonic fingerprint sensor relative to a device display
WO 2022172158 A1	KLARNA BANK AB	Triggering computer system processes through messaging systems
WO 2022159197 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Application deployment for applications offered by multiple deployment sources
WO 2022146766 A1	OREAL	Digital makeup artist
WO 2022146615 A1	OREAL	Digital makeup palette
WO 2022165181 A1	SONOS INC	Synchronization via out-of-band clock timing signaling
WO 2022182403 A1	ZEBRA TECH CORP	Fulfillment guidance devices, systems, and methods
WO 2022154291 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method therefor
WO 2022169506 A1	APPLE INC	Application casting
WO 2022169668 A1	META PLATFORMS TECH LLC	Integrating artificial reality and other computing devices
WO 2022173868 A1	META PLATFORMS TECH LLC	Systems and methods of adaptive power saving for wireless traffic
WO 2022173511 A1	ZEBRA TECH CORP	Method, system and apparatus for dynamic inventory guidance and mapping
WO 2022178056 A1	MBTE HOLDINGS SWEDEN AB	Call control for providing targeted content
WO 2022141176 A1	CITRIX SYSTEMS INC	Contextual notes for online meetings
WO 2022132970 A1	CEO VISION INC D B A CROQUET STUDIOS	Systems and methods for control of a virtual world
WO 2022149688 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method therefor
WO 2022177209 A1	SAMSUNG ELECTRONICS CO LTD	Eye tracking method and electronic device
WO 2022177602 A1	HEWLETT PACKARD DEVELOPMENT CO	One time link-based user authentication in image forming devices

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