

Boletín VT

SERVICIOS E INTERFACES AVANZADOS MÓVILES

4.º trimestre 2023

56

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 2023235021 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Automation of permission controls for group messages
WO 2023235012 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Tinting material on an interface
WO 2023235594 A1	APPLE INC	User interfaces for managing a time-based event
WO 2023234936 A1	GOOGLE LLC	Adaptive structured user interface
WO 2023235010 A1	APPLE INC	Application vocabulary integration with a digital assistant
WO 2023235526 A1	APPLE INC	User interfaces for displaying handwritten content on an electronic device
WO 2023235466 A1	APPLE INC	Digital identification credential user interfaces
WO 2023235364 A1	APPLE INC	Method of activating and managing dual user interface operating modes
WO 2023235485 A1	SNAP INC	User interface including multiple interaction zones
WO 2023229647 A1	GOOGLE LLC	Positioning a graphical keyboard within a graphical user interface
WO 2023229772 A1	GOOGLE LLC	Generating a snippet packet based on a selection of a portion of a web page
WO 2023239620 A1	APPLE INC	Sticker creation for messaging
WO 2023239663 A1	APPLE INC	Extended reality based digital assistant interactions
WO 2023244880 A1	QUALCOMM INC	Thermal management of an electronic device
WO 2023239409 A1	GOOGLE LLC	Intelligent user interface rotation
WO 2023229759 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Tabbed user interface
WO 2023241812 A1	ERICSSON TELEFON AB L M	Electronic device and method for displaying a user interface
WO 2023235584 A1	SNAP INC	Contextual reply augmentation system
WO 2023239589 A1	APPLE INC	Physical activity information user interfaces
WO 2023239358 A1	GOOGLE LLC	Systems and methods for image manipulation based on natural language manipulation instructions
WO 2023239623 A1	APPLE INC	User interfaces for messaging content
WO 2023239648 A1	APPLE INC	Content item scrubbing techniques
WO 2023229932 A1	SNAP INC	Context cards for media supplementation
WO 2023229317 A1	SAMSUNG ELECTRONICS CO LTD	A system and method to enhance launching of application at a user equipment
WO 2023231645 A1	HONOR DEVICE CO LTD	Search method and apparatus, electronic device, and readable storage medium
WO 2023200813 A1	APPLE INC	Methods for relative manipulation of a three-dimensional environment
WO 2023226434 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Interface display method and apparatus, and device, storage medium and program product
WO 2023236830 A1	HUAWEI TECH CO LTD	Device control method and electronic device
WO 2023239030 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and wearable device providing exercise amount measurement function, and operation method thereof
WO 2023230700 A1	SHOPIFY INC	Methods and apparatuses for providing condensable user interface
WO 2023205457 A1	APPLE INC	Representations of messages in a three-dimensional environment

WO 2023229524 A1	LEMON INC	Computing system that applies edits model from published video to second video
WO 2023191873 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Sharing multiple applications in unified communication
WO 2023211754 A1	IRONCLAD INC	Snapshot capture of computing device user interfaces
WO 2023235673 A1	SNAP INC	Augmented reality self-scanning and self-checkout
WO 2023240436 A1	CITRIX SYSTEMS INC	Device access control
WO 2023204942 A1	CAPITAL ONE SERVICES LLC	Presentation and control of user interactions with a user interface element
WO 2023205418 A1	APPLE INC	User interfaces for sharing locations of findable items
WO 2023212633 A1	SNAP INC	Fingerspelling text entry
WO 2023224681 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Mapping incompatible windowing topographies across operating systems
WO 2023225131 A2	APPLE INC	User interfaces for detecting objects
WO 2023204881 A1	MICROSOFT TECHNOLOGY LICENSING LLC	File selection user interface
WO 2023236491 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Display method and apparatus for interface element, and electronic device and storage medium
WO 2023185444 A1	BEIJING ZITIAO NETWORK TECHNOLOGY CO LTD	Device control method and apparatus, device, and storage medium
WO 2023204418 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for displaying touch input or hovering input on basis of change in display area of rollable display
WO 2023179158 A1	SHENZHEN HEYTAP TECH CORP LTD	Interface display method and apparatus, and terminal device and storage medium
WO 2023187611 A1	PROMETHEAN LTD	User interface modification systems and related methods
WO 2023200068 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device, method, and non-transitory computer readable storage medium for displaying visual object for changing size of display area of flexible display
WO 2023207683 A1	HUAWEI TECH CO LTD	Application compression method, decompression method, and electronic device
WO 2023207726 A1	HUAWEI TECH CO LTD	Exercise guidance method and electronic device
WO 2023217142 A1	HUAWEI TECH CO LTD	Window size adjustment method, and related apparatus and communication system
WO 2023191305 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device having flexible display
WO 2023196670 A1	META PLATFORMS TECH LLC	Artificial reality input using multiple modalities
WO 2023221946 A1	HUAWEI TECH CO LTD	Information transfer method and electronic device
WO 2023179140 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Application-processing apparatus, control method, electronic device, and storage medium
WO 2023207715 A1	HUAWEI TECH CO LTD	Screen-on control method, electronic device, and computer-readable storage medium
WO 2023207939 A1	BEIJING YOUZHUJU NETWORK TECH CO LTD	Method and apparatus for adjusting interface layout, and device, storage medium and program product
WO 2023225622 A1	PJ HAMMER CORP	Utilizing mobile device capabilities to keep a user engaged with a mobile application
WO 2023174200 A1	HUAWEI TECH CO LTD	Interface display method and related device
WO 2023196344 A1	APPLE INC	Devices, methods, and graphical user interfaces for modifying avatars in three-dimensional environments
WO 2023202171 A1	HONOR DEVICE CO LTD	Photo hiding method and apparatus
WO 2023179085 A1	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD	Split screen display method and apparatus, electronic device, storage medium and program product

WO 2023198010 A1	HUAWEI TECH CO LTD	Display method and electronic device
WO 2023215744 A1	HOME DEPOT INT INC	Machine learning-based user selection prediction based on sequence of prior user selections
WO 2023189106 A1	SONY GROUP CORP	Information processing device, information processing method, and program
WO 2023207185 A1	HONOR DEVICE CO LTD	Voiceprint recognition method, graphical interface, and electronic device
WO 2023225122 A1	APPLE INC	Systems and methods for remote interaction between electronic devices
WO 2023191887 A1	INNOPEAK TECH INC	Remote widget view
WO 2023198196 A1	HUAWEI TECH CO LTD	Device control method and electronic device
WO 2023217002 A1	BEIJING ZITIAO NETWORK TECHNOLOGY CO LTD	Audio processing method and apparatus, and device and storage medium
WO 2023193661 A1	HUAWEI TECH CO LTD	Information display method, electronic device and storage medium
WO 2023204518 A1	SAMSUNG ELECTRONICS CO LTD	Flexible display background screen display method and electronic device
WO 2023187730 A1	SOUL MACHINES LTD	Conversational digital character blending and generation
WO 2023207178 A1	HONOR DEVICE CO LTD	Call service guidance method, electronic device, and storage medium
WO 2023219878 A1	APPLE INC	Search operations in various user interfaces
WO 2023177978 A1	C3 AI INC	Intelligent data processing system with multi-interface frontend and backend
WO 2023220165 A1	APPLE INC	Interactions between an input device and an electronic device
WO 2023224982 A1	SNAP INC	Hand-tracked text selection and modification
WO 2023168073 A1	HUMANE INC	Structuring and presenting event data for use with wearable multimedia devices
WO 2023219921 A1	GOOGLE LLC	External application streaming
WO 2023215961 A1	FRONTRUNNER TECH INC	Contactless graphical user interface method for use with interactive digital content
WO 2023182685 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising expandable display, and user interface provision method

[...ver más](#)

SERVICIOS MÓVILES AVANZADOS

REDES SOCIALES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2023243871 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device for providing avatar on basis of context information and method for operating same
WO 2023225755 A1	LULULEMON ATHLETICA CANADA INC	Systems, devices, articles, and methods to provide a customized retail experience
WO 2023211739 A1	SNAP INC	Augmented reality experience power usage prediction
WO 2023230064 A1	SNAP INC	Automated augmented reality experience creation system
WO 2023177711 A1	SNAP INC	Web calling system
WO 2023224934 A1	GOOGLE LLC	Methods and systems for facilitating user participation in content engagement activities
WO 2023200646 A1	SNAP INC	Animated speech refinement using machine learning
WO 2023204976 A1	SNAP INC	Image visual quality assessment
WO 2023183083 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Generating and processing contextualized group data
WO 2023196564 A1	WHATSAPP LLC	Offline mesh messaging network with bluetooth broadcasting
WO 2023229521 A1	LEMON INC	Voice generation for virtual characters
WO 2023196590 A1	ARIZONA BOARD OF REGENTS ON BEHALF OF NAU	Method and system for optimized postsecondary education enrollment services
WO 2023201167 A2	EDGE VIDEO B V	Multimedia content management and packaging distributed ledger system and method of operation thereof
WO 2023215678 A1	SONY INTERACTIVE ENTERTAINMENT LLC	Computer game system calendar
WO 2023212767 A1	IONESCU ADNANA	Computer implemented system and method for protecting individuals from false advertising and deceptive conduct in an online environment
WO 2023229895 A1	SNAP INC	Creating time-based combination videos
WO 2023205855 A1	NUTTALL KATE	Computer implemented system and method for virtually connecting like-minded individuals
WO 2023191710 A1	LEMON INC	End-cloud collaboration media data processing method and apparatus, device and storage medium
WO 2023195974 A1	MUNOMO LLC	Method, apparatus, system, and non-transitory computer readable medium for user verification and authentication
WO 2023220189 A2	APPLE INC	Devices, methods, and graphical user interfaces providing focus modes

[...ver más](#)

PAGOS ELECTRÓNICOS MEDIANTE TERMINALES MÓVILES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2023232846 A1	JURA ELEKTROAPPARAT E AG	Method for operating a drinks vending machine and arrangement for operating a drinks vending machine
WO 2023233173 A1	SAFEPAY SYSTEMS KFT	Implementing self-sovereign identity (ssi) based on configurable individual profiles generated real-time from private attributes stored in the personal secure elements of the users
WO 2023230456 A1	PAYTILE LLC	Digital value exchanges linked to locations
WO 2023243980 A1	AMOTECH CO LTD	Portable terminal supporting short-range communication from top and back
WO 2023240778 A1	YI ZHENGFANG	System and method for measuring average financial payment duration, financial payment risk prevention and control platform, and big-data-type e-commerce page jump platform and method
WO 2023245007 A1	CAPITAL ONE SERVICES LLC	Techniques to perform tap to pay operations in the ios and android operating system environments
WO 2023224986 A1	KODAK ALARIS INC	Modular photo kiosk system
WO 2023225750 A1	FLYBITS INC	Decentralized, open banking, contextual decision support tool for virtual, augmented, and mixed reality
WO 2023234943 A1	VISA INT SERVICE ASS	Systems, methods, and computer program products for automatically selecting a card for contactless payment
WO 2023203381 A1	DESCHENAUX MARC R	Data input to real-time accounting software
WO 2023202836 A1	BUNDESDRUCKERE I GMBH	Devices, system and method for electronic cashless payment
WO 2023200521 A1	MASTERCARD INTERNATIONAL INC	Systems and methods of matching consumers with billing data
WO 2023229799 A1	ICASHE INC	Secure mobile transaction apparatus and method
WO 2023194031 A1	THALES DIS FRANCE SAS	Method for executing an authentication of a user for a transaction
WO 2023198233 A1	LUGININ VALERIY	Method for identifying a business transaction and subsequently generating a receipt relating thereto via a terminal
WO 2023235138 A1	PAYPAL INC	Facilitating cryptocurrency-based transactions with time constraint
WO 2023217947 A1	THALES DIS FRANCE SAS	Rsim stand alone manufacturing at microelectronic step
WO 2023210845 A1	COUPANG CORP	Method and terminal device for providing benefit information by using information about credit card
WO 2023214928 A1	CRUNCHFISH DIGITAL CASH AB	Traceable multi-hop offline digital payments
WO 2023210081 A1	HITACHI LTD	Biometric authentication system and authentication method
WO 2023185900 A1	VIVO MOBILE COMMUNICATION CO LTD	Security state assessment method and apparatus, and electronic device and readable storage medium
WO 2023201297 A1	MARQETA INC	Autofilling payment card and card verification data utilizing a virtual card exchange
WO 2023201509 A1	PAYPAL INC	Document image quality detection
WO 2023205772 A1	EDGE VIDEO B V	Multimedia content management and packaging distributed ledger system and method of operation thereof
WO 2023188003 A1	NEC CORP	Use control terminal, system and method, use management server and method, and computer-readable medium
WO 2023191915 A1	VISA INT SERVICE ASS	In-person peer-to-peer transfer using tap
WO 2023215043 A1	VISA INT SERVICE ASS	System, method, and computer program product for active learning in graph neural networks through hybrid uncertainty reduction
WO 2023212822 A1	WOODBINE ENTERTAINMENT GROUP	Systems and methods for real-time rebalancing of bet portfolios in the pari-mutuel bet environment
WO 2023210031 A1	STOMPSTAMP CO LTD	Information processing device, information processing method, and program
WO 2023196252 A1	CAPITAL ONE SERVICES LLC	Systems and methods for token-based device binding during merchant checkout
WO 2023211440 A1	RAKUTEN SYMPHONY SINGAPORE PTE LTD	System, method, and computer program for personalized customer dunning

WO 2023212820 A1	WOODBINE ENTERTAINMENT GROUP	Systems and methods for real-time rebalancing of bet portfolios in the pari-mutuel bet environment
WO 2023199300 A1	NAYAX LTD	System, device and method for digital payment
WO 2023211451 A1	JPMORGAN CHASE BANK NA	Method for solving reconciliation tasks by integrating clustering and optimization
WO 2023217412 A1	GIESECKE DEVRIENT EPAYMENTS GMBH	Secure element with heap memory
WO 2023201352 A1	THE YELLOW LAB AGENCY LLC	Separate and simultaneous real-time video and real-time data connections between remotely located computers for ordering and payment
WO 2023182556 A1	COUPANG CORP	Electronic device and method for processing information for wage calculation based on task performance of worker
WO 2023182798 A1	DUNAMU INC	Method of processing non-fungible token
WO 2023220009 A1	CAPITAL ONE SERVICES LLC	System and method for providing temporary virtual payment card
WO 2023191219 A1	DRIMAES INC	Device for matching order during traveling, method therefor, and recording medium on which computer program is recorded
WO 2023191309 A1	JEONG JAE WOONG	Power supply outlet with keypad
WO 2023161919 A1	NAYAX LTD	System, device and method for digital payment
WO 2023204954 A1	PAYPAL INC	Offline cryptocurrency transactions
WO 2023191700 A1	CRUNCHFISH DIGITAL CASH AB	Quantum-resistant security provisions for offline digital payments
WO 2023183977 A1	SLOSS GLENN	Computer-implemented system and method for providing a stream or playback of a live performance recording
WO 2023214925 A1	AXXTRANS AB	Card holder data extraction
WO 2023177589 A2	PAYPAL INC	Multi-layer cryptocurrency conversions using available blockchain outputs
WO 2023191138 A1	COUPANG CORP	Electronic device for providing date information, and method therefor
WO 2023183788 A2	GOL BALL INC	Method and apparatus for identifying, certifying, and authenticating a game event item as nft memorabilia
WO 2023232846 A1	JURA ELEKTROAPPARAT E AG	Method for operating a drinks vending machine and arrangement for operating a drinks vending machine

[..ver más](#)

BASADOS EN LA LOCALIZACIÓN

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2023234813 A1	EPIROC ROCK DRILLS AB	Method, system, and control unit for determining a position of a first wireless device in an underground environment
WO 2023244240 A1	RAKUTEN SYMPHONY SINGAPORE PTE LTD	Method, system and computer program product with geofencing features
WO 2023239885 A1	GAUGLITZ WOLFRAM K	Systems and methods for geofence-verified quality assurance of retail displays
WO 2023210902 A1	LG ELECTRONICS INC	Method for transmitting and receiving signals in wireless communication system, and device supporting same
WO 2023205032 A1	SNAP INC	Location-based shared augmented reality experience system
WO 2023180280 A1	ETO GRUPPE TECH GMBH	Location-based content management method for outputting digital content to a user, and location-based content management system
WO 2023191532 A1	LG ELECTRONICS INC	Method and device for operating terminal in wireless communication system
WO 2023205482 A1	GLOVER AERON LYDELL	Automated beacon delivery and/or location assistance and notification system
WO 2023203303 A1	WATTSON ELEMENTS	Mobile device location system for a marina
WO 2023229331 A1	GOLFZON CO LTD	Putting information provision system, putting information provision method, user terminal control method for guiding putting play of user, and computing device-readable recording medium having same recorded thereon
WO 2023195478 A1	NEC CORP	Method and network node
WO 2023240013 A1	NATARAJAN SUNDARAM	Rapidly customizable geofence notification system and method
WO 2023183355 A1	DISH WIRELESS LLC	Selective location-based activation of channel quality indication reporting for user equipment
WO 2023196703 A1	QUALCOMM INC	Reporting hashed expected channel measurements
WO 2023211627 A1	QUALCOMM INC	Network-assisted and round-trip radio frequency fingerprint-based (rffp) position estimation
WO 2023191995 A1	QUALCOMM INC	Ue positioning in the presence of an intelligent reflecting surface (irs)
WO 2023228382 A1	NTT DOCOMO INC	Terminal, radio communication method, and base station
WO 2023217373 A1	NOKIA TECHNOLOGIES OY	Enhancing positioning for an apparatus connected to a wireless network
WO 2023224687 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Earbud location detection based on acoustical signature with user-specific customization
WO 2023212458 A1	QUALCOMM INC	Measurement error feedback to enable machine learning-based positioning
WO 2023219757 A1	APPLE INC	Proactive recording of locations for backtracking
WO 2023211826 A1	PLUME DESIGN INC	Connected device control using multi access point wi-fi systems
WO 2023221720 A1	HONOR DEVICE CO LTD	Resource scheduling method and apparatus
WO 2023208141 A1	HUAWEI TECH CO LTD	Position information acquisition method, and communication apparatus and system
WO 2023195884 A1	ERICSSON TELEFON AB L M	Method and system for reporting and using location information of multiple user equipments of a subscriber
WO 2023203439 A1	NIANTIC INC	Triggering location-based functionality based on user proximity
WO 2023164384 A1	QUALCOMM INC	Session selection for hybrid-based ranging in uwb
WO 2023216766 A1	TENCENT TECH SHENZHEN CO LTD	Positioning method and related device
WO 2023205567 A1	ORBITAL INSIGHT INC	Home location based normalization
WO 2023200939 A1	PARKOFON INC	System and method for high accuracy location determination and energy dispensing
WO 2023196790 A1	ECOLINK INTELLIGENT TECHNOLOGY INC	Method and apparatus for location-based, automated control of electronic devices
WO 2023196354 A1	MULTILOT AS	Location based games, lotteries, and sweepstakes and tickets, systems, technologies, and methods related thereto

[..ver más](#)

TELEVISIÓN MÓVIL

Nº PUBLICACIÓN SOLICITANTE CONTENIDO TÉCNICO

WO 2023229156 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device for receiving application screen from external device and displaying same, and method of controlling same
WO 2023241579 A1	ZTE CORP	Video playback method, terminal device, server, storage medium and program product
WO 2023224700 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Geolocation-specific subtitle generation
WO 2023217577 A1	KONINKLIJKE PHILIPS NV	Hdr video reconstruction by converted tone mapping
WO 2023234440 A1	LG ELECTRONICS INC	Television and system control method
WO 2023195650 A1	SAMSUNG ELECTRONICS CO LTD	Electronic apparatus and control method thereof
WO 2023173757 A1	HISENSE VISUAL TECH CO LTD	Display devices, bluetooth search method, and bluetooth connection request processing method
WO 2023218268 A1	SONY GROUP CORP	Generation of closed captions based on various visual and non-visual elements in content
WO 2023179129 A1	HISENSE VISUAL TECH CO LTD	Display device, screen projection device, and device control method based on trajectory extraction
WO 2023195661 A1	SAMSUNG ELECTRONICS CO LTD	Display device and operation method thereof
WO 2023220535 A1	TENCENT AMERICA LLC	Streaming scene prioritizer for immersive media
WO 2023224220 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and control method thereof
WO 2023171484 A1	SHARP KK	Systems and methods for handling out of boundary motion compensation predictors in video coding
WO 2023219258 A1	SAMSUNG ELECTRONICS CO LTD	Display device and control method thereof
WO 2023205640 A1	TENCENT AMERICA LLC	Zero motion vector in adaptive reordering of merge candidates (armc)
WO 2023185954 A1	HISENSE VISUAL TECH CO LTD	Display device and processing method for display device

[..ver más](#)

OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2023235028 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Content layout systems and processes
WO 2023229687 A1	MICROSOFT TECHNOLOGY LICENSING LLC	End-user created cropped application window
WO 2023212248 A1	APPLE INC	Contextual text lookup for images
WO 2023184079 A1	QUALCOMM INC	Control of a reconfigurable intelligent surface system
WO 2023208354 A1	ERICSSON TELEFON AB L M	Authentication of user tags obtaining communication services via i/o user devices performing user terminal emulation as a cloud computing service
WO 2023229320 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising fastening structure and method for manufacturing same
WO 2023183684 A1	GOOGLE LLC	Microphone array configuration invariant, streaming, multichannel neural enhancement frontend for automatic speech recognition
WO 2023229206 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising retaining structure
WO 2023183045 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Shared item file retention
WO 2023211626 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Eye contact assistance in video conference
WO 2023234850 A1	RAZER ASIA PACIFIC PTE LTD	A computer peripheral
WO 2023229229 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising component bracket having heat radiation pattern formed thereon
WO 2023239025 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and wearable device for providing evaluation information on user's exercise motion, and method for operating same
WO 2023206271 A1	MICROSOFT TECHNOLOGY LICENSING LLC	Transformer for optical character recognition
WO 2023211744 A1	ZOOM VIDEO COMMUNICATIONS INC	Third party application control of a client
WO 2023220388 A1	GOOGLE LLC	Managing blockchain transactions
WO 2023229613 A1	ALTIOSTAR NETWORKS INC	Time synchronization over cloud radio access networks
WO 2023238283 A1	NIPPON TELEGRAPH & TELEPHONE	Display control system, display control method, and display control program
WO 2023219909 A1	ORACLE INT CORP	Instruction monitoring for dynamic cloud workload reallocation based on ransomware attacks
WO 2023215023 A1	MICROSOFT TECHNOLOGY LICENSING LLC	User engagement surfaced through an application programming interface (api)
WO 2023204439 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising flexible display, and operating method for electronic device
WO 2023186326 A1	NOKIA TECHNOLOGIES OY	Minimization of drive tests for multicast / broadcast services in new radio
WO 2023224749 A1	OLOID INC	Touchless identity card emulator systems and methods
WO 2023192703 A1	QUALCOMM INC	Secret key from transport block payload data
WO 2023207807 A1	HUAWEI TECH CO LTD	Audio playback method, system, and electronic device
WO 2023188904 A1	SONY GROUP CORP	Information processing device, information processing method, and program
WO 2023210195 A1	NTT DOCOMO INC	Identification system
WO 2023177500 A1	QUALCOMM INC	Sidelink synchronization source selection

WO 2023224423 A1	MYCROPAGE CO LTD	Method and system for operating automatic website generation platform
WO 2023182726 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and method for segmentation of movement repetitions and extraction of performance metrics
WO 2023213501 A1	NOKIA TECHNOLOGIES OY	Apparatus, methods and computer programs for spatial rendering of reverberation
WO 2023225317 A1	AVEVA SOFTWARE LLC	Servers, systems, and methods for an industrial metaverse
WO 2023212261 A1	THEAI INC	Retrieval of augmented parameters for artificial intelligence-based characters
WO 2023205315 A1	CAPITAL ONE SERVICES LLC	Proximity-based and multi-time-based deactivation and/or activation related to a token
WO 2023216146 A1	BEIJING XIAOMI MOBILE SOFTWARE CO LTD	Display image updating method and apparatus and storage medium
WO 2023177121 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device comprising support structure
WO 2023191339 A1	SAMSUNG ELECTRONICS CO LTD	Rollable electronic device comprising gear structure
WO 2023191596 A1	SAMSUNG ELECTRONICS CO LTD	Mobility in non-terrestrial networks with earth moving cells
WO 2023216176 A1	CITRIX SYSTEMS INC	Application protection for screen sharing
WO 2023211774 A1	JPMORGAN CHASE BANK NA	Method and system for participant identification and record augmentation
WO 2023200535 A1	TENCENT AMERICA LLC	Smart client for streaming of scene-based immersive media
WO 2023211386 A2	LEMON INC	Music generation method, apparatus and system, and storage medium
WO 2023193126 A1	CITRIX SYSTEMS INC	Enhanced video conferencing based on speech detection
WO 2023219267 A1	SAMSUNG ELECTRONICS CO LTD	System and method for accent-agnostic frame-level wake word detection
WO 2023195806 A1	SAMSUNG ELECTRONICS CO LTD	Electronic device and operation method therefor
WO 2023218413 A1	SAMSUNG ELECTRONICS CO LTD	Method and electronic device for generating a segment of a video
WO 2023204427 A1	SAMSUNG ELECTRONICS CO LTD	Method for authenticating electronic device, and electronic device therefor

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