Boletín VT

COCHE INTELIGENTE

3.er trimestre 2013 **15**

Vigilancia Tecnológica

La integración de las tecnologías de la Información y Comunicaciones (TIC) en vehículos e infraestructuras viales se ha mostrado muy provechosa a la hora de obtener soluciones avanzadas a los problemas del transporte de hoy en día.

Los Sistemas de Coches Inteligentes buscan facilitar la interacción entre el conductor, el vehículo y la carretera, de manera que los sistemas autónomos de abordo se complementan con sistemas que cooperan entre los diferentes vehículos o entre los vehículos y las infraestructuras, para mejorar, de este modo, aspectos de gran relevancia, tales como la reducción de accidentes, la eficiencia energética o la reducción de la contaminación.

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 TIC en relación con algunos de los sectores prioritarios contemplados en el desarrollo del "Coche Inteligente", tales como: los sistemas de gestión optimizada del tráfico, las redes sensoriales o de comunicaciones integradas en los vehículos, los sistemas de gestión de plazas de aparcamiento o de peajes, y los sistemas de notificación de accidentes o averías a servicios de emergencia u otros conductores cercanos.

De este modo, el boletín, de periodicidad trimestral, recogerá las publicaciones mas 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:

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.

GESTIÓN DEL TRÁFICO

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2013093780 A1 20130627	DAVID MICHEL	Traffic control system and method
WO 2013134912 A1 20130919	RENESAS MOBILE CORP YIN FEI WANG HAIFENG LI ZHENHONG	Apparatuses, methods and computer program products related to improvements in autom atic notifications in relation to moving objects
WO 2013135535 A1 20130919	CONTINENTAL AUTOMOTIVE GMBH	Method for detecting traffic jams using a wireless vehicle-to-vehicle communication system
WO 2013119725 A1 20130815	ITERIS INC	Vehicular observation and detection apparatus
WO 2013105903 A1 20130718	MASSACHUSETTS INST TECHNOLOGY UNIV NANYANG TECH	Traffic signal control method and traffic signal controller
WO 2013119146 A1 20130815	MATSUR IGOR YURIEVICH	Method for automatically monitoring vehicle parking
WO 2013125177 A1 20130829	NEC CORP NISHIOKA JUN	Communication device and traffic-control method
WO 2013108443 A1 20130725	SUMITOMO ELECTRIC INDUSTRIES	Computer program, mobile information processing device, traffic signal control system and signal control method
WO 2013115988 A1 20130808	TELCORDIA TECH INC LAPIOTIS GEORGE CHEN JYH-CHENG LUSS HANAN ZHANG TAO	System, method, control device and program for vehicle collision avoidance using cellular communication
WO 2013115470 A1 20130808	SAMSUNG TECHWIN CO LTD LEE HYUN-JIN LIM JEONG-EUN KIM SUN-KI	Integrated control system and method using surveillance camera for vehicle
WO 2013109472 A1 20130725	ON TIME SYSTEMS INC	Driver safety enhancement using intelligent traffic signals and gps

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REDES VEHICULARES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2013094072 A1 20130627	TOYOTA MOTOR CO LTD MABUCHI MITSUHIRO OKUDE KAZUHIRO	Communication system and communication method
WO 2013110394 A1 20130801	SIEMENS AG	Method for operating at least two data processing units with high availability, in particular in a vehicle, and device for operating a machine
WO 2013117545 A1 20130815	RENAULT SA	Processing of automobile data on a smartphone
WO 2013104805 A1 20130718	PULSE FUNCTION F6 LTD	Apparatus, system and method for risk indicator calculation for driving behaviour and for reconstructing a vehicle trajectory
WO 2013122177 A1 20130822	HITACHI AUTOMOTIVE SYSTEMS LTD	Vehicle-mounted network system
WO 2013123057 A1 20130822	INTERTRUST TECH CORP	Trusted connected vehicle systems and methods
WO 2013136263 A1 20130919	PIGOLOTTI PAOLO GIORGETTI ALESSANDRO	A geodynamic control equipment for means of transport and geodynamic control comprising said equipment
WO 2013100938 A1 20130704	HUSQVARNA CONSUMER OUTDOOR PRODUCTS N A INC RHOADES LENNIE D BRINKMAN STEVEN C	Lawn care vehicle with modular ride information system
WO 2013100275 A1 20130704	KOREA ELECTRONICS TECHNOLOGY KWON YOUNG MIN LEE HYUNG SU SONG BYUNG HUN	Freight transport safety system and terminal thereof
WO 2013109006 A1 20130725	SAMSUNG ELECTRONICS CO LTD	Server, vehicle control system, and vehicle control method thereof
WO 2013124033 A1 20130829	AUDI NSU AUTO UNION AG VOLKSWAGEN AG	Method for identifying a vehicle during vehicle-to-vehicle communication
WO 2013130200 A1 20130906	TOYOTA ENG & MFG NORTH AMERICA	Systems and methods for determining available providers
WO 2013130233 A1 20130906	CHRYSLER GROUP LLC MOSES EDWIN TROTTER LOREN M	Method and apparatus for controlling a clutch in four-wheel drive vehicles
WO 2013131619 A1 20130912	AUDI NSU AUTO UNION AG	Method for providing at least one evaluation information item that has been assigned to a data record and formatted to at least one service
WO 2013104621 A2 20130718	JAGUAR LAND ROVER LTD	Method and device for providing driver feedback
WO 2013115537 A1 20130808	DOOSAN INFRACORE CO LTD	Method of communication between contruction equipment and management server

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GESTIÓN DE APARCAMIENTOS Y PEAJES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2013096675 A1 20130627	VIA ANALYTICS INC	Automated system for preventing vehicle bunching
WO 2013099464 A1 20130704	MITSUBISHI HEAVY IND LTD	Park and ride detection system
WO 2013113588 A1 20130808	BAYERISCHE MOTOREN WERKE AG BELZNER HEIDRUN KATES RONALD	Method for providing parking information on free parking spaces
WO 2013114139 A1 20130808	DETEQ SOLUTIONS LTD	Moveable object detection
WO 2013100993 A1 20130704	INTEL CORP KESAVAN VIJAY SARATHI LORTZ VICTOR GUO XINGANG RANGARAJAN ANAND RATHI SOMYA	Multi-vehicle surveillance system
WO 2013124904 A1 20130829	MITSUBISHI ELECTRIC CORP MORITA SHIGEKI HAMADA YUJI	Vehicle-mounted communication device and navigation device
WO 2013118288 A1 20130815	PIONEER CORP TANAKA YOSHITAKA	Information processing system, information processing method, information processing device, information processing terminal, information processing program, and recording medium
WO 2013108211 A1 20130725	BEN-ALEXANDER ERAN	Terminal resources and traffic flow management
WO 2013126772 A1 20130829	EBAY INC	User identification and personalization based on automotive identifiers
WO 2013139589 A1 20130926	BAYERISCHE MOTOREN WERKE AG	Method for controlling the provision of traffic informational data in order to update traffic information
WO 2013103457 A2 20130711	BOEING CO	Transport and handling system and methods of transporting a commodity
WO 2013112057 A1 20130801	ARES TURBINE AS	System and method for automatic registration of use of studded tires
WO 2013117940 A2 20130815	ISIS INNOVATION	Method of locating a sensor and related apparatus
WO 2013103316 A1 20130711	THRAEFF STEFAN HOLMSTROEM KATARINA	System and method for parking assist in an open urban environment
WO 2013105067 A1 20130718	GANOT ZVI	Methods and systems for automated cellular parking with occupancy control
WO 2013100738 A3 20130919	CHOI E HO	Method for providing service for storing and transmitting parking location using smart device

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NOTIFICACIÓN DE ACCIDENTES

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2013096651 A1 20130627	QUALCOMM INC	System and method for generating real-time alert notifications in an asset tracking system
WO 2013101055 A1 20130704	INTEL CORP HEALEY JENNIFER ZAFIROGLU ALEXANDRA ROSARIO BARBARA	Navigation systems that enhance driver awareness
WO 2013101181 A1 20130704	INTEL CORP TICKOO OMESH IYER RAVISHANKAR	Wireless networks for sharing road information
WO 2013101183 A1 20130704	INTEL CORP TICKOO OMESH IYER RAVISHANKAR	Wireless networks for sharing road information
WO 2013101318 A1 20130704	APPLE INC	User-specified route rating and alerts
WO 2013133075 A1 20130912	NISSAN MOTOR	Vehicle-use reporting device and vehicle-use reporting method
WO 2013125365 A1 20130829	NISSAN MOTOR	In-vehicle misplacement warning device

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OTRAS REFERENCIAS

Nº PUBLICACIÓN	SOLICITANTE	CONTENIDO TÉCNICO
WO 2013101054 A1 20130704	INTEL CORP GRAUMANN DAVID L HEALEY JENNIFER MONTESINOS CARLOS	Systems, methods, and apparatus for identifying an occupant of a vehicle
WO 2013101182 A1 20130704	INTEL CORP DEMAIN JEFF ZMUDZINSKI KRYSTOF MARCH WENDY	Vehicle-based social networks
WO 2013109372 A1 20130725	SQUARE INC	Mobile card processing using multiple wireless devices
WO 2013136269 A2 20130919	UNIV WITWATERSRAND JHB	Traffic signalling
WO 2013123469 A1 20130822	INTERTRUST TECH CORP	Systems and methods for vehicle policy enforcement
WO 2013127397 A1 20130906	KRAUSS MAFFEI WEGMANN GMBH & C	Military vehicle and integrating it system for a military vehicle
WO 2013125479 A1 20130829	MITSUBISHI HEAVY IND LTD	Wireless communications system, control method, and program
WO 2013112825 A1 20130801	CISCO TECH INC	A fast-tracking approach for building routing topologies in fast-moving networks
WO 2013091884 A1 20130627	BLIPHEAD GMBH	Method for linking terminals in a network
WO 2013126913 A1 20130829	P97 NETWORKS INC	Fuel purchase transaction method and system
WO 2013104451 A1 20130718	BOSCH GMBH ROBERT NORDBRUCH STEFAN	Method and device for operating a vehicle
WO 2013131049 A1 20130906	HITCH DEMON LLC SEAL TREVOR	Apparatus, system, and method for displaying content on a vehicle
WO 2013133791 A1 20130912	INTEL CORP LORTZ VICTOR B KVETON BRANISLAV KESAVAN VIJAY SARATHI RATHI SOMYA RANGARAJAN ANAND P	User identification and personalized vehicle settings management system
WO 2013111993 A1 20130801	KIM HAN SEOK	System and method for identifying stolen vehicles
WO 2013118929 A1 20130815	LEE JUN SEOK	Variable brake light control system using user terminal, and method for controlling same

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