

Title (en)

SYSTEM AND METHOD FOR MANAGING V2X COMMUNICATION BETWEEN A VEHICLE AND A RECEIVING DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR VERWALTUNG DER V2X-KOMMUNIKATION ZWISCHEN EINEM FAHRZEUG UND EINER EMPFANGSVORRICHTUNG

Title (fr)

SYSTEME ET PROCEDE DE GESTION DE COMMUNICATION V2X ENTRE UN VEHICULE ET UN DISPOSITIF RECEPTEUR

Publication

EP 3963911 A1 20220309 (FR)

Application

EP 20715397 A 20200406

Priority

- FR 1904546 A 20190430
- EP 2020059758 W 20200406

Abstract (en)

[origin: WO2020221554A1] The invention relates to a piece of mobile vehicle equipment (2) comprising a V2X communication management device (20), connected to a cellular communication network. The communication management device comprises a Radio Access Technology selection unit (200) which determines the Radio Access Technologies (RAT) available to be used for transmitting a data packet, associated with a V2X application executed by the piece of mobile vehicle equipment (2), to at least one receiving device (3). The selection unit (200) is configured to select the available Radio Access Technologies from a set of Radio Access Technologies, depending on target Quality of Service information comprising an n-tuple of performance indicators, the n-tuple of performance indicators comprising at least one performance indicator and being determined from a set of performance indicators chosen according to the V2X application.

IPC 8 full level

H04W 4/40 (2018.01); **H04W 40/12** (2009.01); **H04W 48/00** (2009.01); **H04W 72/02** (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP US)

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Citation (search report)

- [XY] US 2019029002 A1 20190124 - KOTZER IGAL [IL], et al
- [Y] EP 3454600 A1 20190313 - HUAWEI TECH CO LTD [CN]
- [Y] US 2018279259 A1 20180927 - GULATI KAPIL [US], et al
- [Y] WO 2018089616 A1 20180517 - INTEL IP CORP [US]
- See also references of WO 2020221554A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

WO 2020221554 A1 20201105; CN 113748690 A 20211203; EP 3963911 A1 20220309; FR 3095733 A1 20201106; FR 3095733 B1 20211022; JP 2022531225 A 20220706; JP 7504128 B2 20240621; US 2022210688 A1 20220630

DOCDB simple family (application)

EP 2020059758 W 20200406; CN 202080032061 A 20200406; EP 20715397 A 20200406; FR 1904546 A 20190430; JP 2021564478 A 20200406; US 202017607274 A 20200406