

Title (en)
SECURE WIRELESS NETWORKS FOR VEHICLE ASSIGNING AUTHORITY

Title (de)
SICHERE DRAHTLOSE NETZWERKE FÜR FAHRZEUGZUWEISUNGSAUTORITÄT

Title (fr)
RÉSEAUX SANS FIL SÉCURISÉS POUR AUTORITÉ D'ATTRIBUTION DE VÉHICULE

Publication
EP 3973725 A1 20220330 (EN)

Application
EP 20808859 A 20200511

Priority

- US 201916416396 A 20190520
- US 202016870955 A 20200509
- US 2020032389 W 20200511

Abstract (en)
[origin: WO2020236452A1] A system and method (600) of securely and accurately connecting mobile devices (110) to wireless networks in vehicles (210) for a predetermined work assignment by using encrypted wireless network configurations based on vehicle specific data is disclosed herein. The system comprises a vehicle (210) comprising an on-board computer (232) with a memory (231) having a vehicle identification number (233), a connector plug (235), and an motorized engine (234), a connected vehicle device (130) comprising a processor, a WiFi radio, a BLUETOOTH radio, a memory, and a connector for mating with the connector plug of the vehicle (210), and a mobile device (110) comprising a graphical user interface (335), a processor (310), a WiFi radio (307), a BLUETOOTH radio (306), and a cellular network interface (308).

IPC 8 full level
H04W 12/06 (2021.01); **B60R 16/023** (2006.01); **H04W 84/12** (2009.01)

CPC (source: EP US)
H04W 4/40 (2018.01 - EP); **H04W 12/06** (2013.01 - EP); **H04W 12/069** (2021.01 - EP); **H04W 12/08** (2013.01 - EP); **H04W 12/50** (2021.01 - EP); **H04W 12/63** (2021.01 - EP US); **H04W 12/73** (2021.01 - EP); **H04W 84/12** (2013.01 - EP)

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)
BA ME

DOCDB simple family (publication)
WO 2020236452 A1 20201126; CA 3141293 A1 20201126; EP 3973725 A1 20220330; EP 3973725 A4 20230531; MX 2021013734 A 20211210

DOCDB simple family (application)
US 2020032389 W 20200511; CA 3141293 A 20200511; EP 20808859 A 20200511; MX 2021013734 A 20200511