

Title (en)

METHOD FOR ESTABLISHING A WIRELESS DATA CONNECTION BETWEEN A VEHICLE AND AN EXTERNAL UNIT, CONNECTION ESTABLISHMENT UNIT AND VEHICLE

Title (de)

VERFAHREN ZUM AUFBAU EINER DRAHTLOSEN DATENVERBINDUNG ZWISCHEN EINEM FAHRZEUG UND EINER EXTERNEN EINHEIT, VERBINDUNGS-AUFBAUEINHEIT UND FAHRZEUG

Title (fr)

PROCÉDÉ POUR ÉTABLIR UNE LIAISON DE DONNÉES SANS FIL ENTRE UN VÉHICULE ET UNE UNITÉ EXTÉRIEURE, UNITÉ D'ÉTABLISSEMENT DE LIAISON ET VÉHICULE

Publication

**EP 3959905 A1 20220302 (DE)**

Application

**EP 20728994 A 20200518**

Priority

- DE 102019208515 A 20190612
- EP 2020063851 W 20200518

Abstract (en)

[origin: WO2020249366A1] The invention relates to a method for establishing (46) a wireless data connection between a vehicle (2) and an external unit. To achieve an improved method, in particular a more cost-effective method for establishing (46) a wireless data connection between a vehicle (2) and an external unit, according to the invention during a check (24) the vehicle (2) checks whether at least one condition from among one or more predefined condition(s) (28, 30, 32, 34, 38, 42) for establishing a connection has or have been fulfilled. Furthermore, depending on the result of the check (24), the vehicle (2) establishes (46) a wireless data connection to the external unit, for data transmission (48).

IPC 8 full level

**H04W 4/44** (2018.01); **H04W 4/021** (2018.01); **H04W 4/42** (2018.01); **H04W 48/02** (2009.01)

CPC (source: EP US)

**H04W 4/021** (2013.01 - EP); **H04W 4/42** (2018.02 - EP US); **H04W 4/44** (2018.02 - EP US); **H04W 24/08** (2013.01 - EP); **H04W 48/04** (2013.01 - EP); **H04W 48/18** (2013.01 - EP US); **H04W 76/10** (2018.02 - US)

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)

**DE 102019208515 A1 20201217**; EP 3959905 A1 20220302; US 2022361257 A1 20221110; WO 2020249366 A1 20201217

DOCDB simple family (application)

**DE 102019208515 A 20190612**; EP 2020063851 W 20200518; EP 20728994 A 20200518; US 202017618593 A 20200518