

Title (en)

VEHICLE DEVICE AND METHOD FOR SECURE DATA CONNECTION

Title (de)

FAHRZEUGGERÄT UND VERFAHREN ZUR SICHEREN DATENVERBINDUNG

Title (fr)

APPAREIL DE VÉHICULE ET PROCÉDÉ DE CONNEXION SÉCURISÉE DE DONNÉES

Publication

EP 3928485 A1 20211229 (DE)

Application

EP 20719572 A 20200330

Priority

- DE 102019205304 A 20190412
- EP 2020058891 W 20200330

Abstract (en)

[origin: WO2020207836A1] The invention relates to a vehicle device (2) for the secure data connection of at least one vehicle (1) to at least one device (3) external to the vehicle. In order to enhance the security of the vehicle (1), the vehicle device (2) according to the invention has at least one interface device for connection to a wired data network (9) inside the vehicle, at least one communication device for wireless-based connection to the device (3) external to the vehicle, and at least one data diode device (7) connected to the interface device (5) with the communication device (6) which data diode device is designed for the unidirectional data connection of the interface device (5) to the communication device (6). The invention also relates to a method for the secure data connection.

IPC 8 full level

H04L 29/06 (2006.01); **H04W 4/44** (2018.01); **H04W 12/08** (2021.01)

CPC (source: EP)

H04L 63/0254 (2013.01); **H04W 4/44** (2018.01); **H04W 12/088** (2021.01)

Citation (search report)

See references of WO 2020207836A1

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 2020207836 A1 20201015; DE 102019205304 A1 20201015; EP 3928485 A1 20211229

DOCDB simple family (application)

EP 2020058891 W 20200330; DE 102019205304 A 20190412; EP 20719572 A 20200330