

Title (en)

DEVICE FOR ASSISTING A MOTOR VEHICLE WITH SUPPORT FROM AN INFRASTRUCTURE

Title (de)

VORRICHTUNG ZUM INFRASTRUKTURGESTÜTZTEN ASSISTIEREN EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF POUR ASSISTER UN VÉHICULE AUTOMOBILE AVEC LE SOUTIEN D'UNE INFRASTRUCTURE

Publication

EP 4288953 A1 20231213 (DE)

Application

EP 22709181 A 20220121

Priority

- DE 102021201129 A 20210208
- EP 2022051359 W 20220121

Abstract (en)

[origin: WO2022167232A1] The invention relates to a device, in particular an RSU, for assisting a motor vehicle with support from an infrastructure, comprising: a communication device, which is designed to receive surroundings signals which represent the surroundings of the motor vehicle, and a processor device, which is designed to ascertain infrastructure assistance data on the basis of the surroundings signals in order to assist the motor vehicle with support from an infrastructure, wherein the communication device is designed to transmit infrastructure assistance data signals which represent the ascertained infrastructure assistance data, and the communication device and the processor device are each designed to continue working in the event of a malfunction such that the communication device continues to receive surroundings signals, the processor device continues to ascertain infrastructure assistance data on the basis of the surroundings signals in order to assist the motor vehicle, and the communication device continues to transmit the infrastructure assistance data signals. The invention relates to a method, a computer program, and a machine-readable storage medium.

IPC 8 full level

G08G 1/01 (2006.01); **G08G 1/09** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP US)

B60W 60/0057 (2020.02 - US); **B60W 60/0059** (2020.02 - US); **G08G 1/0116** (2013.01 - EP); **G08G 1/0141** (2013.01 - EP); **G08G 1/0145** (2013.01 - EP); **G08G 1/094** (2013.01 - EP); **G08G 1/096725** (2013.01 - EP); **G08G 1/096783** (2013.01 - EP); **G08G 1/07** (2013.01 - EP)

Citation (search report)

See references of WO 2022167232A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021201129 A1 20220811; CN 116964652 A 20231027; EP 4288953 A1 20231213; US 2024010243 A1 20240111; WO 2022167232 A1 20220811

DOCDB simple family (application)

DE 102021201129 A 20210208; CN 202280013968 A 20220121; EP 2022051359 W 20220121; EP 22709181 A 20220121; US 202218254583 A 20220121