Title (en)

SYSTEM FOR CALCULATING AN ERROR PROBABILITY OF VEHICLE SENSOR DATA

Title (de)

SYSTEM ZUR BERECHNUNG EINER FEHLERWAHRSCHEINLICHKEIT VON FAHRZEUGSENSORDATEN

Title (fr)

SYSTÈME DE CALCUL D'UNE PROBABILITÉ D'ERREUR DE DONNÉES DE CAPTEUR DE VÉHICULE

Publication

EP 3729412 A1 20201028 (DE)

Application

EP 18830435 A 20181217

Priority

- DE 102017223632 A 20171221
- EP 2018085194 W 20181217

Abstract (en)

[origin: WO2019121510A1] The invention relates to a system (10) and a method (100) for calculating an error probability (38) of a vehicle-based sensor data set (12), comprising a sensor unit (32) and sensors (24), a reference database (34) with reference data (36), and a central computer (26). The reference data (36) has a temporal and local relationship with the sensor data set (12). The central computer (26) calculates an error probability (38) of the sensor data set (12) on the basis of suitable reference data (36) from the reference databases (34).

IPC 8 full level

G09B 29/00 (2006.01); **G01C 21/32** (2006.01); **G08G 1/01** (2006.01)

CPC (source: EP US)

B60W 50/0205 (2013.01 - US); **G01C 21/3492** (2013.01 - US); **G01C 21/3602** (2013.01 - US); **G06N 7/01** (2023.01 - US); **G08G 1/0112** (2013.01 - EP US); **G08G 1/0129** (2013.01 - EP US); **G09B 29/007** (2013.01 - EP); B60W 2050/0215 (2013.01 - US); G01C 21/3602 (2013.01 - EP)

Citation (search report)

See references of WO 2019121510A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102017223632 A1 20190627; CN 111465972 A 20200728; CN 111465972 B 20220823; EP 3729412 A1 20201028; JP 2021507417 A 20210222; JP 7021355 B2 20220216; US 11657707 B2 20230523; US 2021012648 A1 20210114; WO 2019121510 A1 20190627

DOCDB simple family (application)

DE 102017223632 A 20171221; CN 201880082331 A 20181217; EP 18830435 A 20181217; EP 2018085194 W 20181217; JP 2020534508 A 20181217; US 201816955418 A 20181217