

Title (en)

METHOD FOR DETERMINING A POSITION OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM BESTIMMEN EINER POSITION EINES KRAFTFAHRZEUGS

Title (fr)

PROCÉDÉ POUR LA DÉTERMINATION D'UNE POSITION D'UN VÉHICULE À MOTEUR

Publication

EP 3710866 A1 20200923 (DE)

Application

EP 18808242 A 20181114

Priority

- DE 102017220551 A 20171117
- EP 2018081192 W 20181114

Abstract (en)

[origin: WO2019096825A1] The invention relates to a method for determining a position of a motor vehicle, comprising at least the following steps: a) receiving a first signal (1) containing an absolute position of the motor vehicle; b) receiving a second signal (2) containing a change in the position of the motor vehicle; c) generating first position information (3) corresponding to the absolute position from the first signal (1) if the first signal (1) is available, and continued from the second signal (2) according to the change in position if the first signal (1) is not available; d) generating second position information (4) corresponding to the first position information (3) at the beginning of first time segments (5) and continued over the first time segments (5) from the second signal (2) according to the change in position; and e) determining an error (7) in the first position information (3) generated in step c) using the second position information (4) generated in step d).

IPC 8 full level

G01S 19/49 (2010.01)

CPC (source: EP KR US)

G01C 21/12 (2013.01 - EP KR); **G01C 21/165** (2013.01 - EP KR US); **G01C 21/28** (2013.01 - EP KR); **G01S 19/49** (2013.01 - EP KR US);
G08G 1/0969 (2013.01 - KR)

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 2019096825 A1 20190523; CN 111344600 A 20200626; CN 111344600 B 20240223; DE 102017220551 A1 20190523;
EP 3710866 A1 20200923; JP 2021503600 A 20210212; JP 7060689 B2 20220426; KR 102686224 B1 20240719; KR 20200088324 A 20200722;
US 11269083 B2 20220308; US 2020341155 A1 20201029

DOCDB simple family (application)

EP 2018081192 W 20181114; CN 201880073985 A 20181114; DE 102017220551 A 20171117; EP 18808242 A 20181114;
JP 2020527029 A 20181114; KR 20207013949 A 20181114; US 201816760001 A 20181114