

Title (en)

GRID-BASED ENVIRONMENTAL MODEL FOR A VEHICLE

Title (de)

GITTERBASIERTES UMFELDMODELL FÜR EIN FAHRZEUG

Title (fr)

MODÈLE D'ENVIRONNEMENT À BASE DE GRILLE POUR UN VÉHICULE

Publication

**EP 2771873 A1 20140903 (DE)**

Application

**EP 12787353 A 20120920**

Priority

- DE 102011117138 A 20111028
- DE 2012100292 W 20120920

Abstract (en)

[origin: WO2013060323A1] The invention relates to a sensor system for sensing the environment of a motor vehicle having an evaluation unit, wherein a grid-based environmental model is calculated and at least one discrete value is assigned to each grid cell. Discretisation is carried out by comparison of environmental data and at least one threshold value. At least one discrete value of the grid is preferably transmitted via a data transmission system in a vehicle to an evaluation or control unit.

IPC 8 full level

**G08G 1/16** (2006.01)

CPC (source: EP US)

**G08G 1/16** (2013.01 - US); **G08G 1/163** (2013.01 - EP US)

Citation (search report)

See references of WO 2013060323A1

Cited by

DE102019203274B3; WO2016150728A1; DE102020201000B3; DE102020210379A1; WO2022033810A1

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

DOCDB simple family (publication)

**WO 2013060323 A1 20130502**; DE 112012003549 A5 20140508; EP 2771873 A1 20140903; EP 2771873 B1 20180411; ES 2669551 T3 20180528; US 2014278049 A1 20140918

DOCDB simple family (application)

**DE 2012100292 W 20120920**; DE 112012003549 T 20120920; EP 12787353 A 20120920; ES 12787353 T 20120920; US 201214352568 A 20120920