

Title (en)

METHOD OF DETERMINING THE POSITIONING OF A VEHICLE IN A TRAFFIC CORRIDOR OF A LANE, AND METHODS FOR DETECTING ALIGNMENT AND RISK OF COLLISION BETWEEN TWO VEHICLES

Title (de)

VERFAHREN ZUR ERMITTLUNG DER POSITION EINES FAHRZEUGS IN EINEM VERKEHRSKORRIDOR EINER STRASSE UND VERFAHREN ZUR ERKENNUNG DER AUSRICHTUNG UND DER KOLLISIONSGEFAHR ZWISCHEN ZWEI FAHRZEUGEN

Title (fr)

PROCEDE DE DETERMINATION DU POSITIONNEMENT D'UN VEHICULE DANS UN COULOIR DE CIRCULATION D'UNE VOIE, ET METHODES DE DETECTION D'ALIGNEMENT ET DE RISQUE DE COLLISION ENTRE DEUX VEHICULES

Publication

EP 2820635 A1 20150107 (FR)

Application

EP 13704387 A 20130201

Priority

- FR 1200327 A 20120203
- EP 2013052090 W 20130201

Abstract (en)

[origin: WO2013113904A1] The invention relates to a method of determining the positioning of a subject automobile vehicle (20) in a traffic corridor (11, 12, 13, 14) of a traffic lane (10), comprising the steps: a) of acquiring the number of traffic corridors of said traffic lane, b) of acquiring an image of said traffic lane on which there appears at least one lateral part (161) of said traffic lane, c) of acquiring a datum relating to the direction of traffic flow of said subject automobile vehicle on said traffic lane, and d) of deducing the positioning of said subject automobile vehicle in one of the traffic corridors of said traffic lane, as a function of the number of traffic corridors, of the datum relating to the direction of traffic flow and of the image acquired.

IPC 8 full level

G08G 1/16 (2006.01)

CPC (source: EP US)

G06V 20/588 (2022.01 - US); **G08G 1/09626** (2013.01 - EP US); **G08G 1/096716** (2013.01 - EP US); **G08G 1/096758** (2013.01 - EP US); **G08G 1/096783** (2013.01 - EP US); **G08G 1/163** (2013.01 - EP US); **G08G 1/167** (2013.01 - EP US)

Citation (search report)

See references of WO 2013113904A1

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 2013113904 A1 20130808; CN 104094331 A 20141008; CN 104094331 B 20161228; EP 2820635 A1 20150107; FR 2986646 A1 20130809; FR 2986646 B1 20160701; JP 2015519622 A 20150709; JP 6219312 B2 20171025; US 2015010212 A1 20150108; US 2016321928 A1 20161103; US 9711051 B2 20170718

DOCDB simple family (application)

EP 2013052090 W 20130201; CN 201380007201 A 20130201; EP 13704387 A 20130201; FR 1200327 A 20120203; JP 2014555233 A 20130201; US 201314376242 A 20130201; US 201615209525 A 20160713