

Title (en)

METHOD AND DEVICE FOR DETECTING THE PASSAGE OF A MOTOR VEHICLE THROUGH A ROAD SIGN GANTRY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DETEKTION EINER DURCHFART EINES KRAFTFAHRZEUGES DURCH EIN VERKEHRSZEICHENTOR

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA DÉTECTION DU PASSAGE D'UN VÉHICULE PAR UNE PORTE DÉLIMITÉE PAR DES PANNEAUX DE SIGNALISATION

Publication

EP 3243196 A1 20171115 (DE)

Application

EP 15794546 A 20151112

Priority

- DE 102015200182 A 20150109
- EP 2015076383 W 20151112

Abstract (en)

[origin: WO2016110350A1] The invention relates to a method for detecting the passing of a motor vehicle (12) through a road sign gantry (22), having the steps: – receiving information on the surroundings, – detecting road signs (18, 20) in the information on the surroundings, – selecting a first road sign (18) and a second road sign (20) which together form a road sign gantry (22), – acquiring position data for the first road sign (18) and for the second road sign (20) from the information on the surroundings, – determining a gantry width (24) between the first road sign (18) and the second road sign (20), – determining a first distance (26) of the motor vehicle (12) from the first road sign (18), – determining a second distance (28) of the motor vehicle (12) from the second road sign (20), and – detecting the passing through of the vehicle as a function of the gantry width (24), the first distance (26) and the second distance (28).

IPC 8 full level

G08G 1/056 (2006.01); **G08G 1/0962** (2006.01)

CPC (source: CN EP US)

G08G 1/056 (2013.01 - CN EP US); **G08G 1/09623** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016110350A1

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)

DE 102015200182 A1 20160714; CN 107111942 A 20170829; CN 107111942 B 20200221; EP 3243196 A1 20171115; EP 3243196 B1 20190109; ES 2719417 T3 20190710; US 11238731 B2 20220201; US 2018276989 A1 20180927; WO 2016110350 A1 20160714

DOCDB simple family (application)

DE 102015200182 A 20150109; CN 201580072858 A 20151112; EP 15794546 A 20151112; EP 2015076383 W 20151112; ES 15794546 T 20151112; US 201515542457 A 20151112