

Title (en)

DEVICE AND METHOD FOR DETERMINING THE POSITION OR CONTOUR OF A DEFINING SECTION OF AN OBSTACLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERMITTELN DER POSITION ODER KONTUR EINES BEGRENZUNGSABSCHNITTES EINES HINDERNISSES

Title (fr)

DISPOSITIF ET PROCEDE POUR DETECTER LA POSITION OU LE CONTOUR D'UNE SECTION DE DELIMITATION D'UN OBSTACLE

Publication

EP 1802997 A1 20070704 (DE)

Application

EP 04790799 A 20041023

Priority

EP 2004012008 W 20041023

Abstract (en)

[origin: WO2006045327A1] The invention relates to a device (30), in particular for a motor vehicle (200), which is used to determine the position and/or the contour of a defining section (101a, 102a), in particular a flank, of at least one obstacle (101, 102). The inventive device comprises at least one emitting device (32) which is arranged, preferably, in a lateral area of the motor vehicle (20) and which is used to emit an emitting signal, at least one capturing device (34) which is arranged, preferably, in a lateral area of the motor vehicle (20) and which is used to capture a reflection signal. Said reflection signal represents the emitting signal after reflection thereof onto an obstacle (101, 102). The inventive device further comprises an evaluation device (38) which is used to evaluate the reflection signal in relation to the position and/or the contour of the defining section (101a, 102a) of the obstacle (101, 102). The invention is characterised in that the direction of the main emittance of the emitting device (32) can be modified, in particular on a flat plane in an approximately parallel manner in relation to the surface of the carriageway.

IPC 8 full level

G01S 15/931 (2020.01)

CPC (source: EP)

G01S 15/931 (2013.01); **G01S 2013/9314** (2013.01); **G01S 2013/93274** (2020.01); **G01S 2015/935** (2013.01)

Citation (search report)

See references of WO 2006045327A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2006045327 A1 20060504; EP 1802997 A1 20070704

DOCDB simple family (application)

EP 2004012008 W 20041023; EP 04790799 A 20041023