

Title (en)

LATERAL CRASH BARRIER RECOGNITION BY MEANS OF A DISTANCE SENSOR IN A MOTOR VEHICLE

Title (de)

SEITLICHE LEITPLANKENERKENNUNG ÜBER EINEN ABSTANDSSENSOR IM KFZ

Title (fr)

DÉTECTION LATÉRALE DE RAIL DE SÉCURITÉ PAR UN CAPTEUR DE DISTANCE DANS LE VÉHICULE

Publication

EP 3374791 A1 20180919 (DE)

Application

EP 16784521 A 20161021

Priority

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- EP 2016075344 W 20161021

Abstract (en)

[origin: WO2017080787A1] The invention relates to a method for detecting a region (4) surrounding a motor vehicle (1), wherein, while the motor vehicle (1) is moving in the surrounding region (4) relative to an object (8), by means of a control device (7) sensor data are respectively received from a distance sensor (3) at specific times (T1, T2, T3) and the object (8) is classified by means of the control device (7) with reference to the received data as a static or as a moving object (8). By means of the control unit (7) for each of the predetermined times (T1, T2, T3) with reference to the sensor data a distance value (a1, a2, a3) is determined, which describes a distance between the distance sensor (3) and at least one predetermined reflection point (R1, R2, R3, R4) of the object (8), and for classification of the object (8) a progression (10) of the distance values (a1, a2, a3) as a function of the time (t) is compared with a predetermined reference progression.

IPC 8 full level

G01S 13/931 (2020.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2017080787A1

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