

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

- DE 102015119658 A 20151113
- 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)

**G01S 7/415** (2013.01 - US); **G01S 13/86** (2013.01 - KR); **G01S 13/931** (2013.01 - EP KR US); **G06F 16/29** (2018.12 - EP); **G01S 13/86** (2013.01 - EP); **G01S 13/862** (2013.01 - US); **G01S 13/865** (2013.01 - US); **G01S 2013/932** (2020.01 - EP US); **G01S 2013/9323** (2020.01 - EP US); **G01S 2013/9324** (2020.01 - EP US); **G01S 2013/93271** (2020.01 - EP); **G01S 2013/93272** (2020.01 - EP); **G01S 2013/93274** (2020.01 - EP); **G01S 2013/93275** (2020.01 - EP); **G05D 1/0088** (2024.01 - US)

Citation (search report)

See references of WO 2017080787A1

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