

Title (en)

VEHICLE AND METHOD FOR AVOIDING A COLLISION BETWEEN A VEHICLE AND AN OBSTACLE

Title (de)

FAHRZEUG UND VERFAHREN ZUR VERMEIDUNG EINER KOLLISION EINES FAHRZEUGS MIT EINEM HINDERNIS

Title (fr)

VÉHICULE ET PROCÉDÉ POUR ÉVITER UNE COLLISION D'UN VÉHICULE AVEC UN OBSTACLE

Publication

EP 4200643 A1 20230628 (DE)

Application

EP 21811244 A 20211105

Priority

- DE 102020129233 A 20201105
- DE 2021100883 W 20211105

Abstract (en)

[origin: WO2022096067A1] Proposed is a vehicle (10) which has one or more optical sensor elements (20, 21, 22, 23) in the region of a first side, more particularly its front side (11), said optical sensor elements being configured, in interaction with evaluation and control electronics (30, 40) which are arranged mounted on the vehicle or completely or partially remote from the vehicle (10), to warn of a collision between the driving vehicle (10) and an obstacle, to avoid the obstacle or to stop the vehicle (10) if an obstacle is detected. At least one, several or all of the optical sensor elements (20, 21, 22, 23) have a visual field (50, 51, 52, 53) with a horizontal and/or vertical viewing angle range (α , α') of less than 3 degrees. Further proposed is a method for avoiding a collision between a vehicle (10) and an obstacle.

IPC 8 full level

G01S 17/87 (2020.01); **G01S 17/931** (2020.01)

CPC (source: EP US)

G01S 17/87 (2013.01 - EP); **G01S 17/931** (2020.01 - EP US)

Citation (search report)

See references of WO 2022096067A1

Designated contracting state (EPC)

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