

Title (en)

SAFETY DEVICE FOR MOTOR VEHICLE AND METHOD FOR OPERATING A MOTOR VEHICLE

Title (de)

SICHERHEITSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG UND VERFAHREN ZUM BETRIEB EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR VÉHICULE AUTOMOBILE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN VÉHICULE AUTOMOBILE

Publication

**EP 2681092 A1 20140108 (DE)**

Application

**EP 12707086 A 20120301**

Priority

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- EP 2012053515 W 20120301

Abstract (en)

[origin: WO2012117057A1] The application relates to a device and a method for increasing the safety of a motor vehicle. A first sensor unit (2) senses the surroundings, in particular in order to detect free spaces and objects (0), and the position and movement thereof. A second sensor unit (20) senses the state of the surroundings, a third sensor unit (30) senses the state of the vehicle, and a fourth sensor unit (40) senses the driver's commands. The data are merged and a driving safety coordinator (6) determines at least one reliable driving corridor (K1, K2, K3, K4 to Kn) predictively and situationally in order to determine the operational safety. The driver's command can be limited to the driving corridor (K1, K2, K3, K4 to Kn) by means of components (9) which can be actuated actively and/or the motor vehicle (1) can be kept in the driving corridor (K1, K2, K3, K4 to Kn) by means of the components (9) which can be actuated actively.

IPC 8 full level

**B60W 30/09** (2012.01); **B60K 26/02** (2006.01); **B60W 10/06** (2006.01); **B60W 10/184** (2012.01); **B60W 10/20** (2006.01); **B60W 30/095** (2012.01); **B60W 30/18** (2012.01); **B60W 50/14** (2012.01); **B60W 50/16** (2012.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012117057A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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