

Title (en)

DEVICE FOR THE DISTANCE CONTROL OF A MOTOR VEHICLE

Title (de)

VORRICHTUNG ZUR ABSTANDSREGELUNG EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF DE RÉGULATION DE L'ÉCARTEMENT D'UNE AUTOMOBILE

Publication

EP 2086808 A1 20090812 (DE)

Application

EP 07803256 A 20070905

Priority

- EP 2007059294 W 20070905
- DE 102006051961 A 20061103

Abstract (en)

[origin: WO2008052828A1] The invention relates to a method and a device for the distance control of a motor vehicle, comprising an object detection sensor (7) that detects objects in front and controls the velocity of the own vehicle (20) with a distance control. The distance control system is able to break the own vehicle until a complete standstill. In case no more objects (25, 26) are detected during the braking process, as they are located within the invisible region close to the object detection sensor (17), object positions relating to the earlier detected objects are stored and an acceleration process of the vehicle due to the wish of the driver to accelerate is stopped by an actuation element (8) until the object is detected again. The acceleration is not stopped when the turning of the object in front is detected by the value of the transverse mismatch of the object in front exceeding a predetermined threshold value.

IPC 8 full level

B60W 30/16 (2012.01)

CPC (source: EP US)

B60W 30/17 (2013.01 - EP US); **B60W 2554/00** (2020.02 - EP US); **B60W 2554/4041** (2020.02 - EP US); **B60W 2554/802** (2020.02 - US); **B60W 2554/804** (2020.02 - US); **B60W 2556/10** (2020.02 - EP US)

Citation (search report)

See references of WO 2008052828A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008052828 A1 20080508; CN 101535112 A 20090916; DE 102006051961 A1 20080515; EP 2086808 A1 20090812; US 2009248267 A1 20091001

DOCDB simple family (application)

EP 2007059294 W 20070905; CN 200780040814 A 20070905; DE 102006051961 A 20061103; EP 07803256 A 20070905; US 30436007 A 20070905