

Title (en)  
METHOD AND SYSTEM FOR ADAPTIVELY CONTROLLING DISTANCE AND SPEED AND FOR STOPPING A MOTOR VEHICLE, AND A MOTOR VEHICLE WHICH WORKS WITH SAME

Title (de)  
VERFAHREN UND SYSTEM ZUR ADAPTIVEN ABSTANDS- UND GESCHWINDIGKEITSREGELUNG UND ZUM ANHALTEN EINES KRAFTFAHRZEUGS UND DAMIT ARBEITENDES KRAFTFAHRZEUG

Title (fr)  
PROCÉDÉ ET SYSTÈME DE RÉGULATION ADAPTATIVE D'UNE DISTANCE ET D'UNE VITESSE ET SERVANT À ARRÊTER UN VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE FONCTIONNANT AVEC LESDITS PROCÉDÉ ET SYSTÈME

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Abstract (en)  
[origin: WO2013017688A1] The invention relates to a method for stopping a motor vehicle, having an electronic environmental control device (ACC-ECU) for evaluating the data of one or more environmental sensors, and an electronic braking control device (SDC-ECU) for actuating a braking system, these exchanging information and/or instructions via a data connection, in particular a vehicle data bus. The method comprises the following steps: acquiring a distance to an obstacle, particularly a vehicle travelling ahead; determining the motor vehicle travel speed; controlling the distance to the obstacle using the environmental control device (ACC-ECU) if the travel speed exceeds a transfer threshold value; and stopping the motor vehicle using the braking control device (SDC-ECU) if the travel speed is less than or equal to said transfer threshold value. Depending on the acquired distance, said environmental control device (ACC-ECU) determines a target path for the braking control device (SDC-ECU) at the end of which the motor vehicle should be stationary. The invention also relates to an electronic control device (SDC-ECU) for a braking system, and a motor vehicle.

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Citation (search report)  
See references of WO 2013017688A1

Cited by  
CN111163980A

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