

Title (en)
CONTROL ARRANGEMENT FOR ADJUSTING A DISTANCE BETWEEN TWO VEHICLES AND METHOD FOR ADJUSTING A DISTANCE BETWEEN TWO VEHICLES USING A CONTROL ARRANGEMENT OF THIS KIND

Title (de)
STEUERANORDNUNG ZUM EINSTELLEN EINES ABSTANDES ZWISCHEN ZWEI FAHRZEUGEN SOWIE VERFAHREN ZUM EINSTELLEN EINES ABSTANDES ZWISCHEN ZWEI FAHRZEUGEN MIT EINER DERARTIGEN STEUERANORDNUNG

Title (fr)
DISPOSITIF DE COMMANDE POUR RÉGLER UNE DISTANCE ENTRE DEUX VÉHICULES ET PROCÉDÉ DE RÉGLAGE D'UNE DISTANCE ENTRE DEUX VÉHICULES AU MOYEN D'UN TEL DISPOSITIF DE COMMANDE

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Application
EP 18717603 A 20180412

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• EP 2018059422 W 20180412

Abstract (en)
[origin: WO2018210496A1] The invention relates to a control arrangement (15) for adjusting a desired distance (DSoll_A, DSoll_B) between two vehicles, the control arrangement (15) comprising: - a distance regulation system (10) having a distancing control device (10a) for adjusting a first desired distance (DSoll_A) between a subject vehicle (2) and a vehicle in front (1) depending on sensor signals (SS) received from a sensor system (11) by requesting a first desired acceleration of the subject vehicle (aSoll2_A), - a communication system (30) for wirelessly transmitting and receiving a surroundings data signal containing surroundings information (UI), and - an assistant control device (20) for determining a second desired distance (DSoll_B) between the subject vehicle (2) and the vehicle in front (1) and a second desired acceleration of the subject vehicle (aSoll2_B) for adjusting the second desired distance (DSoll_B) in each case depending on the surroundings information (UI). According to the invention, the distance regulation system (10) has an ACC interface (12), wherein a first interface signal (SM) can be transferred via the ACC interface (12) to the distance regulation system (10), wherein the first interface signal (SM) is formed depending on the surroundings information (UI) and the second desired distance (DSoll_B) determined by the assistant control device (20) can be adjusted by the distance regulation system (10) taking into consideration the first interface signal (SM).

IPC 8 full level
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Citation (search report)
See references of WO 2018210496A1

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