

Title (en)  
TRAILER BRAKE CONTROL DEVICE, METHOD AND SOFTWARE FOR SAME, AND TRAILER VEHICLE COMPRISING SAME

Title (de)  
ANHÄNGERBREMSSTEUERGERÄT SOWIE VERFAHREN UND SOFTWARE DAFÜR UND ANHÄNGERFAHRZEUG DAMIT

Title (fr)  
APPAREIL DE COMMANDE DE FREIN DE REMORQUE, AINSI QUE PROCÉDÉ ET LOGICIEL AFFÉRENTS, ET VÉHICULE TRACTÉ MUNI DUDIT APPAREIL

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Application  
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Abstract (en)  
[origin: WO2020048725A1] The invention relates to a method for a trailer brake control device (42) of a vehicle trailer (16), comprising an electric drive (52). The method has the step of receiving (122) at least one acceleration request signal (46) with a requested positive acceleration (31) or a requested negative acceleration (33) from a towing vehicle (12) and a status signal (64) with at least one status variable (90) of the electric drive (52) of the vehicle trailer (16) from the electric drive (52) of the vehicle trailer (16) by means of at least one input (40, 68) and/or at least one interface (86) of the trailer brake control device (42). The method additionally has the steps of generating (124) at least one brake actuation signal (50) for at least one friction brake (22) of the vehicle trailer (16) and a torque request signal (62) for the electric drive (52), in each case on the basis of the acceleration request signal (46) and the status signal (64), by means of a controller (48) of the trailer brake control device (42), and outputting (126) the brake actuation signal (50) and the torque request signal (62) by means of at least one output (66) or an interface (86) of the trailer brake control device (42). The invention additionally relates to a computer program product for carrying out the method, to a trailer brake control device (42), to a vehicle trailer (16) comprising a trailer brake control device (42), and to the use of a trailer brake control device (42) for controlling an electric drive (52).

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