

Title (en)

BRAKE CONTROL DEVICE FOR A VEHICLE, AND METHOD FOR OPERATING A BRAKE CONTROL DEVICE FOR A VEHICLE

Title (de)

BREMSSTEUERUNGSEINRICHTUNG FÜR EIN FAHRZEUG UND VERFAHREN ZUM BETREIBEN EINER  
BREMSSTEUERUNGSEINRICHTUNG FÜR EIN FAHRZEUG

Title (fr)

DISPOSITIF DE COMMANDE DE FREINAGE POUR UN VÉHICULE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN DISPOSITIF DE  
COMMANDE DE FREINAGE POUR UN VÉHICULE

Publication

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Application

**EP 22740388 A 20220705**

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Abstract (en)

[origin: WO2023280876A1] The present invention provides a brake control device (10) for a vehicle (F), comprising a control device (SE) which is connected to a brake booster device (BV) and to an electric machine (EM) of the vehicle; wherein the control device (SE) is designed to identify a failure in operation or a fault in operation of the brake booster device (BV); to identify a minimum (minM1) of a first braking torque (M1) of the electric machine (EM) as generator braking torque, wherein the minimum (minM1) of the first braking torque (M1) corresponds to that braking torque which has the smallest absolute value at all the speeds, able to be generated by the electric machine (EM), on the vehicle; and, when the failure in operation or fault in operation of the brake booster device (BV) is identified and for a braking request, to actuate the electric machine (EM) in such a way that at least the minimum (minM1) of the first braking torque (M1) is generated by the electric machine (EM).

IPC 8 full level

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