

Title (en)

DEVICE AND METHOD FOR CONTROLLING EFFORTS ON A VEHICLE COMPRISING FOUR DRIVING WHEELS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DER LEISTUNG EINES FAHRZEUGS MIT VIERRADANTRIEB

Title (fr)

DISPOSITIF ET PROCEDE DE CONTROLE DES EFFORTS SUR UN VEHICULE A QUATRE ROUES MOTRICES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007138223A1] The invention relates to a device (28) and a method for implementing the means of the device for controlling the efforts or torques of a motor vehicle comprising four driving wheels and two trains, a front train (AV) and a rear train (AR), said device being used to apply an effort or a torque suitable for the driving situation to at least one wheel of a train of the vehicle. The inventive device comprises: a means for detecting the driving situation, and a calculating means for calculating, from the means for detecting the driving situation, a longitudinal effort or a torque for driving at least one wheel of a train of the vehicle. The invention is characterised in that the calculating means comprises a means for establishing an adherence potential, a means for testing the conditions of adherence of the vehicle to the ground, and a means for controlling the longitudinal effort according to the adherence potential and the result of the test of the conditions of adherence of the vehicle to the ground.

IPC 8 full level

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Citation (search report)

See references of WO 2007138223A1

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