Title (en)

METHOD FOR THE AUTOMATIC CONTROL OF WHEEL BRAKE-SLIP AND WHEEL BRAKE-SLIP CONTROL SYSTEM FOR A MOTOR VEHICLE WITH AN ELECTRIC DRIVE

Title (de)

VERFAHREN ZUR REGELUNG EINES RADBREMSSCHLUPFES UND RADBREMSSCHLUPFREGELSYSTEM FÜR EIN FAHRZEUG MIT EINEM ELEKTROANTRIEB

Title (fr)

PROCÉDÉ POUR RÉGLER UN GLISSEMENT DE FREIN DE ROUE ET SYSTÈME DE RÉGLAGE DE GLISSEMENT DE FREIN DE ROUE POUR UN VÉHICULE AVEC UN ENTRAÎNEMENT ÉLECTRIQUE

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Abstract (en)

[origin: WO2011015422A1] The invention relates to a method for the automatic control of wheel brake-slip in a motor vehicle with an electric drive (2), comprising the following steps: detecting a brake signal (14) by means of a slip control device (9), at which point the slip control device (9) generates an electric drive signal (15) and a friction brake signal (16) for the automatic control of a predetermined slip value of a wheel (1) of the motor vehicle, transmitting the electric drive signal (15) to an electric drive control device (6) and transmitting the friction brake signal (16) to a friction brake control device (12), at which point a friction brake control device (12) activates a friction brake (10) of the wheel (1) according to the friction brake signal (16) to generate friction brake torque and an electric drive control device (6) activates electric drive (2) according to electric drive signal (15) to generate electric drive torque. The invention further relates to a wheel brake-slip control system for a motor vehicle with an electric drive and to a computer program.

IPC 8 full level

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