

Title (en)

METHOD FOR REGULATING A BRAKE PRESSURE IN CASE OF NON-HOMOGENEOUS COEFFICIENTS OF FRICTION OF A ROADWAY

Title (de)

VERFAHREN ZUM REGELN EINES BREMSDRUCKS BEI INHOMOGENEN FAHRBAHNREIBWERTEN

Title (fr)

PROCEDE POUR REGULER UNE PRESSION DE FREINAGE SUR DES VOIES DE CIRCULATION ENTRAINANT DES COEFFICIENTS D'ADHERENCE NON HOMOGENES

Publication

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Application

EP 04804962 A 20041221

Priority

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Abstract (en)

[origin: WO2005063538A1] The invention relates to a method for regulating a brake pressure in at least two wheel brakes, which are preferably mounted on a vehicle axle, during a braking action on a roadway having a non-homogeneous coefficient of friction. Said method is characterized in that a side having a low coefficient of friction and/or a side having a high coefficient of friction is/are detected, a stability index representing a driving condition of the vehicle is formed, said stability index is evaluated based on the side having a low coefficient of friction and/or the side having a high coefficient of friction, and the brake pressure is modified in at least one wheel brake in accordance with the stability index value as well as a result of the evaluation of the stability index based on the side having a low coefficient of friction and/or the side having a high coefficient of friction. The invention further relates to a device that is suitable for carrying out said method.

IPC 8 full level

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Citation (search report)

See references of WO 2005063538A1

Citation (examination)

- DE 4221030 A1 19940105 - BOSCH GMBH ROBERT [DE]
- DE 19816432 A1 19981029 - VOLKSWAGEN AG [DE]

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