Title (en)
METHOD AND DEVICE FOR SETTING A BRAKING TORQUE OF AT LEAST ONE FRICTION BRAKE OF A WHEEL

Title (de)
VERFAHREN UND VORRICHTUNG ZUR EINSTELLUNG EINES BREMSMOMENTS MINDESTENS EINER REIBBREMSE EINES RADES

Title (fr)
PROCÉDÉ ET DISPOSITIF DE RÉGLAGE D'UN COUPLE DE FREINAGE D'AU MOINS UN FREIN À FRICTION D'UNE ROUE

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EP 2790982 A1 20141022 (DE)

Application
EP 12805645 A 20121205

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Abstract (en)
[origin: WO2013087481A1] The invention relates to a method and a device (1) for determining a braking torque of at least one friction brake for a wheel on a motor vehicle, comprising: a unit (2) for determining a driver's intended braking torque (M soll), wherein a target wheel braking torque (M sollR) is assigned to the driver's intended braking torque (M soll); a pressure determination unit (4) for determining and building up a braking pressure for generating the target wheel braking torque (M sollR), taking into consideration a coefficient of friction (Cp) of the friction brake; and a sensor (5) for detecting the actual braking pressure (p B-ist), wherein the device (1) has a coefficient of friction model (6), to which at least the braking pressure (p B-ist) is supplied, wherein a coefficient of friction (Cp) is determined and supplied to the pressure determination unit (4) in the coefficient of friction model (6), on the basis of at least the actual braking pressure (p B-ist).

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B60T 8/172 (2006.01)

CPC (source: EP)
B60T 8/172 (2013.01); B60T 2220/04 (2013.01); B60T 2270/14 (2013.01); B60T 2270/604 (2013.01)

Citation (search report)
See references of WO 2013087481A1

Citation (examination)
US 2009187320 A1 20090723 - ANTANAITIS DAVID B [US], et al

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