

Title (en)

METHOD AND DEVICE FOR EFFECTING THE ANTI-SLIP CONTROL (ASC) OF A MOTOR VEHICLE ACCORDING TO THE CURVE RADIUS AND TRANSVERSAL ACCELERATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANTRIEBSSCHLUPFREGELUNG (ASR) EINES KRAFTFAHRZEUGS IN ABHÄNGIGKEIT VON KURVENRADIUS UND QUERBESCHLEUNIGUNG

Title (fr)

PROCEDE ET DISPOSITIF DE REGULATION DU PATINAGE A L'ACCELERATION D'UN VEHICULE EN FONCTION DU RAYON DE COURBURE ET DE L'ACCELERATION TRANSVERSALE

Publication

EP 1152913 A1 20011114 (DE)

Application

EP 00983045 A 20001020

Priority

- DE 0003691 W 20001020
- DE 19958772 A 19991207

Abstract (en)

[origin: WO0142039A1] The invention relates to a method or a device for effecting the anti-slip control (ASC) of a motor vehicle according to which the slip of the driven motor vehicle wheel that is located on the inside of the curve is only controlled when the slip thereof exceeds a pre-set slip threshold. The pre-set slip threshold is, however, weighted with a weighting factor (G) as a function according to the arising transversal acceleration and to the curve radius (R) determined therefrom. The weighting factor (G) is pre-set such that it is inversely proportional to the curve radius (R) of the road by using an equation.

IPC 1-7

B60K 28/16; **B60T 8/00**

IPC 8 full level

B60K 28/16 (2006.01); **B60T 8/175** (2006.01); **F02D 29/02** (2006.01)

CPC (source: EP US)

B60K 28/16 (2013.01 - EP US); **B60T 8/175** (2013.01 - EP US); **B60W 30/18145** (2013.01 - EP); **B60T 2201/16** (2013.01 - EP US); **B60T 2210/24** (2013.01 - EP US); **B60W 2520/125** (2013.01 - EP US); **B60W 2552/20** (2020.02 - EP US); **B60W 2552/30** (2020.02 - EP)

Citation (search report)

See references of WO 0142039A1

Cited by

CN100439168C

Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

WO 0142039 A1 20010614; CN 1269666 C 20060816; CN 1338998 A 20020306; DE 19958772 A1 20010613; DE 19958772 B4 20110721; EP 1152913 A1 20011114; JP 2003523865 A 20030812; JP 4728550 B2 20110720; US 6564138 B1 20030513

DOCDB simple family (application)

DE 0003691 W 20001020; CN 00803539 A 20001020; DE 19958772 A 19991207; EP 00983045 A 20001020; JP 2001543354 A 20001020; US 89083402 A 20020114