

Title (en)
REDUCING THE STEERING TORQUE DURING BRAKING MANEUVERS

Title (de)
REDUZIEREN DES LENKMOMENTS BEI BREMSMANÖVERN

Title (fr)
RÉDUCTION DU COUPLE DE DIRECTION DANS LES MANŒUVRES DE FREINAGE

Publication
EP 2516225 A1 20121031 (DE)

Application
EP 10771086 A 20101021

Priority
• DE 102009055059 A 20091221
• EP 2010065881 W 20101021

Abstract (en)
[origin: WO2011076457A1] The invention relates to a method for reducing the steering torque in a motor vehicle in a driving situation in which the vehicle is braked and steered at the same time. By shifting the brake force to the rear wheels, the front wheels become easier to steer compared to a standard brake force distribution. The maximum necessary power for electric steering force support is thus reduced considerably.

IPC 8 full level
B60T 8/1766 (2006.01)

CPC (source: EP KR US)
B60T 8/00 (2013.01 - KR); **B60T 8/17** (2013.01 - KR); **B60T 8/1766** (2013.01 - EP KR US); **B60T 8/26** (2013.01 - KR);
B60W 10/20 (2013.01 - KR); **B60T 2201/16** (2013.01 - EP KR US); **B60T 2230/08** (2013.01 - EP KR US); **B60T 2260/02** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2011076457A1

Citation (examination)
• DE 19836017 A1 20000217 - BAYERISCHE MOTOREN WERKE AG [DE]
• JP S62255285 A 19871107 - MAZDA MOTOR

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011076457 A1 20110630; CN 102652085 A 20120829; CN 102652085 B 20151125; DE 102009055059 A1 20110622;
DE 102009055059 B4 20230202; EP 2516225 A1 20121031; JP 2013514930 A 20130502; JP 5554843 B2 20140723;
KR 20120106958 A 20120927; US 2012330525 A1 20121227; US 8768592 B2 20140701

DOCDB simple family (application)
EP 2010065881 W 20101021; CN 201080058250 A 20101021; DE 102009055059 A 20091221; EP 10771086 A 20101021;
JP 2012545171 A 20101021; KR 20127015946 A 20101021; US 201013517902 A 20101021