

Title (en)

METHOD AND DEVICE FOR THE CONTINUOUS CONTROL OF A SHOCK ABSORBER OF A CHASSIS, THE MOVEMENT OF THE MOTOR VEHICLE BEING ESTIMATED

Title (de)

VERFAHREN SOWIE VORRICHTUNG ZUR KONTINUIERLICHEN DÄMPERREGLUNG EINES FAHRWERKS WOBEI DIE BEWEGUNG DES KRAFTFAHRZEUGS HIERZU GESCHÄTZT WIRD

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGULATION CONTINUE D'UN AMORTISSEUR D'UNE SUSPENSION, LE MOUVEMENT DU VÉHICULE AUTOMOBILE ÉTANT ÉVALUÉ À CET EFFET

Publication

EP 2393676 A1 20111214 (DE)

Application

EP 09764837 A 20091207

Priority

- EP 2009066484 W 20091207
- DE 102009000576 A 20090203

Abstract (en)

[origin: WO2010088984A1] The invention relates to a method for the chassis control of a motor vehicle (35), at least one wheel suspension of the motor vehicle (35) having an adjustable shock absorber (2, 3, 4, 5). The stiffness of the shock absorber (2, 3, 4, 5) for damping a movement of a body (38) of the motor vehicle (35) is controlled or regulated, the control and/or regulation of the shock absorber (2, 3, 4, 5) being continuous and a desired value of the movement and/or at least one speed value and/or at least one yaw rate value and/or at least one acceleration value being used for control and/or regulation of the shock absorber (2, 3, 4, 5), the speed and/or the yaw rate and/or the acceleration being estimated and the estimation being carried out based on at least one shock absorber pressure and/or at least one value produced by a controller which especially is equipped with an inertia sensor system. The invention further relates to a device for the chassis control of a motor vehicle (35).

IPC 8 full level

B60G 17/016 (2006.01); **B60G 17/018** (2006.01)

CPC (source: EP)

B60G 17/016 (2013.01); **B60G 17/0182** (2013.01); **B60G 2400/0521** (2013.01); **B60G 2400/0522** (2013.01); **B60G 2400/202** (2013.01); **B60G 2400/518** (2013.01); **B60G 2400/5182** (2013.01); **B60G 2500/104** (2013.01); **B60G 2600/14** (2013.01); **B60G 2600/17** (2013.01); **B60G 2800/162** (2013.01); **B60G 2800/70** (2013.01); **B60G 2800/916** (2013.01)

Citation (search report)

See references of WO 2010088984A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010088984 A1 20100812; DE 102009000576 A1 20100819; DE 102009000576 B4 20200910; EP 2393676 A1 20111214

DOCDB simple family (application)

EP 2009066484 W 20091207; DE 102009000576 A 20090203; EP 09764837 A 20091207