

Title (en)

VEHICLE HAVING SUSPENSION WITH CONTINUOUS DAMPING CONTROL

Title (de)

FAHRZEUG MIT AUFHÄNGUNG MIT KONTINUIERLICHER DÄMPFUNGSSTEUERUNG

Title (fr)

VÉHICULE COMPRENANT UNE SUSPENSION À COMMANDE D'AMORTISSEMENT CONTINUE

Publication

**EP 3204248 A1 20170816 (EN)**

Application

**EP 15784219 A 20151006**

Priority

- US 201414507355 A 20141006
- US 2015054296 W 20151006

Abstract (en)

[origin: WO2016057555A1] A damping control system for a vehicle having a suspension located between a plurality of ground engaging members and a vehicle frame includes at least one adjustable shock absorber having an adjustable damping characteristic. The system also includes a controller coupled to each adjustable shock absorber to adjust the damping characteristic of each adjustable shock absorber, and a user interface coupled to the controller and accessible to a driver of the vehicle. The user interface includes at least one user input to permit manual adjustment of the damping characteristic of the at least one adjustable shock absorber during operation of the vehicle. Vehicle sensors are also be coupled to the controller to adjust the damping characteristic of the at least one adjustable shock absorber based vehicle conditions determined by sensor output signals.

IPC 8 full level

**B60G 17/06** (2006.01); **B60G 17/016** (2006.01); **B60G 17/018** (2006.01); **B60G 17/08** (2006.01)

CPC (source: CN EP)

**B60G 17/0162** (2013.01 - CN EP); **B60G 17/0164** (2013.01 - CN EP); **B60G 17/018** (2013.01 - CN EP); **B60G 17/06** (2013.01 - CN EP); **B60G 17/08** (2013.01 - CN EP); **B60G 2300/07** (2013.01 - CN EP); **B60G 2300/32** (2013.01 - CN EP); **B60G 2300/322** (2013.01 - CN EP); **B60G 2400/102** (2013.01 - CN EP); **B60G 2400/204** (2013.01 - CN EP); **B60G 2400/33** (2013.01 - CN EP); **B60G 2400/39** (2013.01 - CN EP); **B60G 2400/40** (2013.01 - CN EP); **B60G 2400/61** (2013.01 - CN EP); **B60G 2500/10** (2013.01 - CN EP); **B60G 2600/02** (2013.01 - CN EP); **B60G 2600/04** (2013.01 - CN EP); **B60G 2600/20** (2013.01 - CN EP); **B60G 2600/70** (2013.01 - CN EP); **B60G 2800/014** (2013.01 - CN EP); **B60G 2800/162** (2013.01 - CN EP); **B60G 2800/916** (2013.01 - CN EP); **B60G 2800/94** (2013.01 - CN EP)

Cited by

US11904648B2; US11285964B2; US11919524B2; US11110913B2; US11878678B2; US11124036B2; US11400784B2; US11400786B2; US11400785B2; US11400787B2; US11970036B2; US10406884B2; US10987989B2; US11430272B2; US11479075B2; US11912096B2; US10987987B2; US11884117B2; US11975584B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016057555 A1 20160414**; AU 2015328248 A1 20170511; AU 2015328248 B2 20190221; AU 2015328248 B9 20190307; BR 112017006909 A2 20180109; CA 2963790 A1 20160414; CN 106794736 A 20170531; CN 106794736 B 20200630; CN 111703267 A 20200925; CN 111703267 B 20240312; EP 3204248 A1 20170816; MX 2017004100 A 20170619; MX 2021011905 A 20211026

DOCDB simple family (application)

**US 2015054296 W 20151006**; AU 2015328248 A 20151006; BR 112017006909 A 20151006; CA 2963790 A 20151006; CN 201580053877 A 20151006; CN 202010483972 A 20151006; EP 15784219 A 20151006; MX 2017004100 A 20151006; MX 2021011905 A 20170329