

Title (en)
HYDRAULIC SUSPENSION SYSTEM FOR A VEHICLE

Title (de)
HYDRAULISCHES AUFHÄNGUNGSSYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTÈME DE SUSPENSION HYDRAULIQUE D'UN VÉHICULE

Publication
EP 3433114 A1 20190130 (FR)

Application
EP 17713725 A 20170303

Priority
• FR 1652614 A 20160325
• FR 1652615 A 20160325
• FR 2017050476 W 20170303

Abstract (en)
[origin: WO2017162948A1] The invention relates to a hydraulic suspension system for a motor vehicle, comprising a hydraulic compression abutment (9b), the piston and cylinder of which move relative to one another via the piston of a damper (1b) when the damper piston reaches a first compression position, and a mechanical compression abutment (7b) that is compressed between the damper cylinder and the vehicle body when the damper piston reaches a second compression position in the damper cylinder that is greater than the first compression position, said suspension system further comprising a computer (32) that acts on control means (30) for the damper (1b) which modify the amount of the load generated by the movement of the piston in the cylinder. The invention applies to the automotive industry.

IPC 8 full level
B60G 11/54 (2006.01); **B60G 15/06** (2006.01); **B60G 17/016** (2006.01); **B60G 17/08** (2006.01); **F16F 9/48** (2006.01); **F16F 9/49** (2006.01); **F16F 9/58** (2006.01)

CPC (source: EP)
B60G 15/06 (2013.01); **B60G 17/0162** (2013.01); **B60G 17/0185** (2013.01); **B60G 17/08** (2013.01); **F16F 9/49** (2013.01); **F16F 9/585** (2013.01); **B60G 2202/312** (2013.01); **B60G 2204/45** (2013.01); **B60G 2204/4502** (2013.01); **B60G 2400/204** (2013.01); **B60G 2400/40** (2013.01); **B60G 2800/80** (2013.01)

Citation (search report)
See references of WO 2017162948A1

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 2017162948 A1 20170928; CN 109070677 A 20181221; CN 109070677 B 20220401; EP 3433114 A1 20190130

DOCDB simple family (application)
FR 2017050476 W 20170303; CN 201780019607 A 20170303; EP 17713725 A 20170303