

Title (en)
PNEUMATIC HEIGHT-ADJUSTMENT APPARATUS FOR A MOTOR VEHICLE

Title (de)
PNEUMATISCHE HÖHENVERSTELLUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)
DISPOSITIF PNEUMATIQUE DE RÉGLAGE EN HAUTEUR POUR UN VÉHICULE AUTOMOBILE

Publication
EP 2355992 A1 20110817 (DE)

Application
EP 09755881 A 20091112

Priority
• EP 2009065059 W 20091112
• DE 202008015053 U 20081113

Abstract (en)
[origin: WO2010055098A1] The invention relates to a pneumatic height-adjustment device for a motor vehicle, having a first carrier (1), a guide device (5) which is provided for receiving one end of a shock absorber (22) of a spring strut, a carrier (2) which can be displaced along the guide device (5) and, on its side which faces away from the first carrier (1), has a receptacle for a spring (18) which is arranged around the shock absorber (22). A bellows (3) is attached in a fluid-tight manner on the displaceable carrier (2) and the first carrier (1). A pressure chamber which can be filled with air via a passage (10, 11) is formed between the first carrier (1), the displaceable carrier (2), the guide device (5) and the bellows (3). The first carrier (1) and the displaceable carrier (2) are in contact with one another in an unfilled state of the pressure chamber, whereas the first carrier (1) and the displaceable carrier (2) are spaced apart from one another in a filled state of the pressure chamber.

IPC 8 full level
B60G 17/027 (2006.01)

CPC (source: EP)
B60G 11/56 (2013.01); **B60G 15/12** (2013.01); **B60G 17/0272** (2013.01); **F16F 9/56** (2013.01); **B60G 2202/32** (2013.01); **B60G 2204/124** (2013.01); **B60G 2204/126** (2013.01); **B60G 2204/4232** (2013.01); **B60G 2204/4504** (2013.01); **B60G 2204/62** (2013.01); **B60G 2206/42** (2013.01); **B60G 2206/424** (2013.01); **B60G 2300/27** (2013.01); **B60G 2500/30** (2013.01)

Citation (search report)
See references of WO 2010055098A1

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)
DE 202008015053 U1 20090226; EP 2355992 A1 20110817; WO 2010055098 A1 20100520

DOCDB simple family (application)
DE 202008015053 U 20081113; EP 09755881 A 20091112; EP 2009065059 W 20091112