

Title (en)
HEIGHT-ADJUSTMENT DEVICE

Title (de)
EINRICHTUNG ZUR HÖHENVERSTELLUNG

Title (fr)
DISPOSITIF DE DÉPLACEMENT EN HAUTEUR

Publication
EP 2197696 A1 20100623 (DE)

Application
EP 08803539 A 20080902

Priority
• EP 2008061568 W 20080902
• DE 102007044538 A 20070911

Abstract (en)
[origin: WO2009033985A1] A device for the temporary height adjustment of a motor vehicle is proposed, said device in particular being attached retrospectively to a spring leg. The device is arranged around a shock absorber housing between a spring plate attached there and the lower end of a helical spring which is intended actually to come to rest on the spring plate. At its end assigned to the helical spring, the device contains its own spring plate which can be displaced in relation to the housing by means of a lifting element. The lifting element is guided with its lower end edge in an intermediate space of the housing, into which intermediate space hydraulic pressure can be conducted via a connection. As a result, the lifting element can be raised in relation to the housing of the device and, when the pressure decreases under the weight of the motor vehicle, can be lowered again. For sealing, use is made of a rod seal which is oriented in such a manner that it bears in the intermediate space with a sealing lip against the outer wall and with a sealing lip against an inner wall of the housing. It is therefore moved during an adjustment in relation to the two walls.

IPC 8 full level
B60G 15/06 (2006.01); **B60G 17/027** (2006.01)

CPC (source: EP)
B60G 15/063 (2013.01); **B60G 17/0272** (2013.01); **B60G 2202/312** (2013.01); **B60G 2202/32** (2013.01); **B60G 2202/413** (2013.01); **B60G 2204/1242** (2013.01)

Citation (search report)
See references of WO 2009033985A1

Citation (examination)
• ES 2253009 A1 20060516 - GUERRERO PRIETO JOSE LUIS [ES], et al
• DE 3730177 A1 19890330 - BAYERISCHE MOTOREN WERKE AG [DE]
• JP 2005121038 A 20050512 - KATO MASAHIRO, et al

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007044538 A1 20090312; EP 2197696 A1 20100623; WO 2009033985 A1 20090319

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