

Title (en)
COMPRESSION SPRING

Title (de)
DRUCKFEDER

Title (fr)
DISPOSITIF ASSOCIANT UN RESSORT DE COMPRESSION ET UN AMORTISSEUR HYDRAULIQUE ET PROCEDE DE FABRICATION D'UN
TEL DISPOSITIF

Publication
EP 2054642 A2 20090506 (FR)

Application
EP 07785940 A 20070709

Priority
• EP 2007006051 W 20070709
• EP 06014229 A 20060710
• EP 07785940 A 20070709

Abstract (en)
[origin: EP1878941A1] The device has a thermoplastic elastic block (1) delimiting a chamber containing hydraulic control with an non-deformable end plate. The block is successively subjected to deformation by compression above elastic limit of an elastomer and a relaxation. The block has a peripheral bead which is elastically compressed between a plate and a non-deformable annulus which surrounds the block. The bead is housed in a peripheral groove of the annulus. An independent claim is also included for a method for fabricating a device associating a tubular compression spring and a hydraulic damper.

IPC 8 full level
F16F 13/08 (2006.01)

CPC (source: EP)
F16F 1/3732 (2013.01); **F16F 1/44** (2013.01); **F16F 5/00** (2013.01); **F16F 9/342** (2013.01); **F16F 13/08** (2013.01); **F16F 13/24** (2013.01); **F16F 2226/00** (2013.01); **F16F 2230/0005** (2013.01)

Citation (search report)
See references of WO 2008006526A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1878941 A1 20080116; EP 2054642 A2 20090506; WO 2008006526 A2 20080117; WO 2008006526 A3 20080320

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