

Title (en)

AIR SPRING AND DAMPER UNIT HAVING A PILOT-CONTROLLED MAIN VALVE

Title (de)

LUFTFEDER- UND DÄMPFEREINHEIT MIT VORGESTEUERTEM HAUPTVENTIL

Title (fr)

UNITÉ À SUSPENSION PNEUMATIQUE ET AMORTISSEUR AVEC VANNE PRINCIPALE À SOUPAPE PILOTE

Publication

**EP 1966508 A1 20080910 (DE)**

Application

**EP 06818387 A 20061107**

Priority

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- DE 102005060581 A 20051217

Abstract (en)

[origin: WO2007068312A1] Air spring and damper unit for vehicles, which has, as operating spaces, at least two pressure spaces which are filled with compressed air and are connected to one another via flow channels, and movable walls in the form of rolling bellows or folding bellows, wherein a pilot-controlled main valve which can be loaded with a control pressure on the low-pressure side is configured at least in one flow direction in a first flow channel.

IPC 8 full level

**F16F 9/04** (2006.01); **F16F 9/46** (2006.01)

CPC (source: EP KR US)

**F16F 9/04** (2013.01 - KR); **F16F 9/0472** (2013.01 - EP US); **F16F 9/46** (2013.01 - KR); **F16F 9/465** (2013.01 - EP US)

Citation (search report)

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