

Title (en)

ELASTIC ARTICULATION WITH A SELECTIVELY FUNCTIONAL, DIRECT FORCE-TRANSMISSION STRUCTURE

Title (de)

ELASTISCHES SCHARNIER MIT SELEKTIV FUNKTIONALER STRUKTUR FÜR DIREKTE KRAFTÜBERTRAGUNG

Title (fr)

ARTICULATION ELASTIQUE DOTÉE D'UNE STRUCTURE DE TRANSMISSION DIRECTE D'EFFORT SELECTIVEMENT OPERATIONNELLE

Publication

**EP 2097656 A2 20090909 (FR)**

Application

**EP 07870361 A 20071129**

Priority

- FR 2007001966 W 20071129
- FR 0610542 A 20061201

Abstract (en)

[origin: FR2909428A1] The hinge has elastic/hydro elastic dampening units e.g. elastomer trim, with a part (5A) interposed between an internal armature (1) and an intermediate armature (2), and another part (5B) interposed between the armature (2) and an external sleeve (4). The units oppose static/dynamic resistance force to any displacement of the armature (1) with respect to the sleeve. The armature (2) has rigid reliefs (3A, 3B) for transmitting force to support the armature (1) on the sleeve when the radial displacement of the armature (1) and the sleeve is greater than an operational limit.

IPC 8 full level

**F16F 1/38** (2006.01); **F16F 1/387** (2006.01); **F16F 13/14** (2006.01)

CPC (source: EP)

**F16F 1/3821** (2013.01); **F16F 1/3863** (2013.01); **F16F 1/387** (2013.01); **F16F 13/1409** (2013.01)

Citation (search report)

See references of WO 2008071885A2

Citation (examination)

- EP 0167655 A1 19860115 - WOLF WOCO & CO FRANZ J [DE]
- EP 0262661 A2 19880406 - MAZDA MOTOR [JP]
- FR 2241722 A1 19750321 - DAIMLER BENZ AG [DE]
- EP 0187265 A2 19860716 - WRIGHT BARRY CORP [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2909428 A1 20080606**; EP 2097656 A2 20090909; WO 2008071885 A2 20080619; WO 2008071885 A3 20080731

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