

Title (en)  
TORSIONAL VIBRATION DAMPER

Title (de)  
TORSIONSSCHWINGUNGSDÄMPFER

Title (fr)  
AMORTISSEUR DE VIBRATIONS DE TORSION

Publication  
**EP 2283247 A1 20110216 (DE)**

Application  
**EP 09753544 A 20090525**

Priority  
• DE 2009000747 W 20090525  
• DE 202008007303 U 20080530

Abstract (en)  
[origin: WO2009143828A1] The invention relates to a torsional vibration damper (1) having a damping element disposed between a first element (4) and a second element (5), wherein the first element and the second element can rotate relative to each other. Said damper has or does not have a coupling part (3) that is located in a housing (2) and is axially displaceable along an axis (A) between the first and the second element, wherein: a) the coupling part displaces along the axis (A) against the spring force of at least one spring element (6, 7) and/or b) the coupling part displaces along the axis (A) against a medium acting on both sides of the coupling part, wherein the medium is located in internally or externally location partial spaces. Or that: in a design of the damping element having or not having the coupling part, c) compliant elements are integrated in third coupling elements and the coupling elements are connected to the first and the second element.

IPC 8 full level  
**F16F 15/12** (2006.01); **F16F 15/16** (2006.01)

CPC (source: EP US)  
**F16F 15/1205** (2013.01 - EP US); **F16F 15/16** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009143828A1

Citation (examination)  
DE 202006016354 U1 20080228 - ASTURIA AUTOMOTIVE SYSTEMS AG [DE]

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 TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 202008007303 U1 20091008**; CN 102047000 A 20110504; DE 102009022373 A1 20091231; DE 112009001099 A5 20110203; EP 2283247 A1 20110216; JP 2011522176 A 20110728; JP 5185438 B2 20130417; KR 101263246 B1 20130509; KR 20110018929 A 20110224; US 2011130208 A1 20110602; US 8632413 B2 20140121; WO 2009143828 A1 20091203; WO 2009143828 A4 20100218

DOCDB simple family (application)  
**DE 202008007303 U 20080530**; CN 200980119534 A 20090525; DE 102009022373 A 20090522; DE 112009001099 T 20090525; DE 2009000747 W 20090525; EP 09753544 A 20090525; JP 2011510827 A 20090525; KR 20107029821 A 20090525; US 99536509 A 20090525