

Title (en)
ROTARY OSCILLATION DAMPER

Title (de)
DREHSCHWINGUNGSDÄMPFER

Title (fr)
AMORTISSEUR D'OSCILLATIONS DE TORSION

Publication
EP 1957825 A1 20080820 (DE)

Application
EP 06805524 A 20061115

Priority
• DE 2006001997 W 20061115
• DE 102005057841 A 20051203

Abstract (en)
[origin: WO2007062620A1] The invention relates to a torsional vibration damper, in particular a divided flywheel, having at least two flywheel masses which can be rotated counter to the resistance of at least two deformable energy store elements, in particular helical pressure springs which are coupled to one another by at least one coupling device which, when a first energy store elements deforms, is in particular relaxed, brings about selective driving of a second energy store element, and has at least a first and a second driver device. In order to prevent undesired shaking during operation of a motor vehicle which is equipped with the torsional vibration damper, the first driver device is coupled to a first coupling element, which is in turn coupled to the first energy store element, and the second driver device is coupled to a second coupling element which is in turn coupled to the second energy store element.

IPC 8 full level
F16F 15/134 (2006.01)

CPC (source: EP KR)
F16F 15/12 (2013.01 - KR); **F16F 15/134** (2013.01 - KR); **F16F 15/13453** (2013.01 - EP)

Citation (search report)
See references of WO 2007062620A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007062620 A1 20070607; BR PI0619162 A2 20110920; BR PI0619162 A8 20161011; BR PI0619162 A8 20161108; BR PI0619162 A8 20161122; BR PI0619162 A8 20161206; BR PI0619162 B1 20190129; CN 101321969 A 20081210; CN 101321969 B 20110112; DE 112006002997 A5 20080904; DE 112006002997 B4 20180927; EP 1957825 A1 20080820; KR 20080071978 A 20080805

DOCDB simple family (application)
DE 2006001997 W 20061115; BR PI0619162 A 20061115; CN 200680045461 A 20061115; DE 112006002997 T 20061115; EP 06805524 A 20061115; KR 20087010431 A 20080430