

Title (en)
TORSIONAL VIBRATION DAMPER

Title (de)
DREHSCHWINGUNGSDÄMPFER

Title (fr)
AMORTISSEUR DE VIBRATIONS EN TORSION

Publication
EP 1960689 A1 20080827 (DE)

Application
EP 06828535 A 20061120

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Abstract (en)
[origin: WO2007065393A1] The invention relates to a torsional vibration damper, in particular a split flywheel, having at least two centrifugal masses (2,3) which can be rotated counter to the resistance of at least two deformable energy store elements (7,8), in particular coil pressure springs, which are coupled to one another by means of at least one coupling device (24) which, when a first energy store element (7) is deformed, in particular expanded, causes a second energy store element (8) to be driven in a targeted fashion, and which has at least a first and a second driver device (27,28). In order to prevent undesired rattling during operation of a motor vehicle which is equipped with this torsional vibration damper, the first driver device (27) is coupled to a first coupling slide element (32) which is in turn coupled to the first energy store element (7), and the second driver device (28) is coupled to a second coupling slide element (32) which is in turn coupled to the second energy store element (8).

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WO 2007065393 A1 20070614; BR PI0619768 A2 20111018; BR PI0619768 A8 20161011; BR PI0619768 A8 20161116; BR PI0619768 A8 20161122; BR PI0619768 A8 20161206; CN 101305207 A 20081112; CN 101305207 B 20100721; DE 112006002814 A5 20080828; DE 112006002814 B4 20160721; EP 1960689 A1 20080827; KR 20080074091 A 20080812

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