

Title (en)
TORSIONAL VIBRATION DAMPER

Title (de)
DREHSCHWINGUNGSDÄMPFER

Title (fr)
AMORTISSEUR DE VIBRATIONS TORSIONNELLES

Publication
EP 3102843 A1 20161214 (DE)

Application
EP 15709826 A 20150126

Priority
• DE 102014201881 A 20140203
• DE 2015200023 W 20150126

Abstract (en)
[origin: WO2015113565A1] A torsional vibration damper, more particularly a dual mass flywheel, comprising an input part and an output part with a common axis of rotation about which the input part and the output part can turn together and have limited rotational freedom with respect to each other; a spring-damper arrangement operating between the input part and the output part and having at least one energy accumulator and a centrifugal pendulum device with at least one first pendulum mass that can move when acted upon by centrifugal force; wherein the centrifugal pendulum device switches automatically between a first natural frequency and a second natural frequency, resulting in a structurally and/or functionally improved torsion damper.

IPC 8 full level
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CPC (source: CN EP)
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Citation (search report)
See references of WO 2015113565A1

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Designated extension state (EPC)
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