

Title (en)
TORSIONAL VIBRATION DAMPER

Title (de)
DREHSCHWINGUNGSDÄMPFER

Title (fr)
AMORTISSEUR DE VIBRATIONS DE TORSION

Publication
EP 3146233 A1 20170329 (DE)

Application
EP 15725491 A 20150428

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Abstract (en)
[origin: WO2015176722A1] The invention relates to a torsional vibration damper, in particular a two-mass flywheel (100, 200), comprising an input part (102, 202) and an output part (104, 204, 206) with a common axis of rotation, around which the input part and the output part are rotatable together and are rotatable to a limited extent relative to each other by means of a rolling bearing (110), wherein the rolling bearing has an outer ring (112), an inner ring (114) and a plurality of rolling bodies arranged between the outer ring and the inner ring. The inner ring comprises at least two inner ring parts (124, 126) which are produced in a structurally separate manner in order to structurally and/or functionally improve the torsional vibration damper.

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Citation (search report)
See references of WO 2015176722A1

Citation (examination)
• DE 19809176 A1 19990909 - SCHAEFFLER WAEHLZLAGER OHG [DE]
• US 3980359 A 19760914 - WETHERBEE JR ARTHUR E
• US 5768950 A 19980623 - SCHIERLING BERNHARD [DE], et al
• GB 2269864 A 19940223 - FICHTEL & SACHS AG [DE]

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