

Title (en)

TORSIONAL VIBRATION DAMPER WITH A MAIN DAMPER AND AN ADDITIONAL DAMPER

Title (de)

TORSIONSSCHWINGUNGSDÄMPFER MIT EINEM HAUPTDÄMPFER UND EINEM ZUSATZDÄMPFER

Title (fr)

DISPOSITIF D'AMORTISSEMENT DE TORSION A AMORTISSEUR PRINCIPAL ET AMORTISSEUR ADDITIONNEL

Publication

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Application

EP 18801012 A 20180920

Priority

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- FR 1851173 A 20180212
- FR 2018052292 W 20180920

Abstract (en)

[origin: CN111386409A] A torsional vibration damper for a vehicle transmission chain comprises: a first rotating element (7), a second rotating element (9, 10), a main damper, a third rotating element (23), an additional damper, arranged such that when the angular displacement between the first and second rotating elements is greater than zero and lower than the first threshold (A1), the at least one main spring (13) is compressed while the third rotating element (23) is rotated by the first rotating element (7), by means of the uncompressed additional spring (25); and when the angular displacement between the first and second rotating elements is greater than the first threshold (A1), the at least one main spring (13) is compressed and the at least one additional spring (25) is simultaneously compressed, relative rotation between the first rotating element (7) and the third rotating element (23) accompanying the compression of the additional spring.

IPC 8 full level

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Citation (search report)

See references of WO 2019058057A1

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