

Title (en)

TORSIONAL VIBRATION DAMPER AND TORSIONAL VIBRATION DAMPING METHOD

Title (de)

DREHSCHWINGUNGSDÄMPFUNGSANORDNUNG UND VERFAHREN ZUR DREHSCHWINGUNGSDÄMPFUNG

Title (fr)

SYSTÈME D'AMORTISSEMENT DE VIBRATIONS DE TORSION ET PROCÉDÉ D'AMORTISSEMENT DE VIBRATIONS DE TORSION

Publication

EP 2932134 A1 20151021 (DE)

Application

EP 13792364 A 20131118

Priority

- DE 102012223383 A 20121217
- DE 102013220483 A 20131010
- EP 2013074001 W 20131118

Abstract (en)

[origin: WO2014095186A1] A torsional vibration damper (100, 200, 300, 400, 500, 600, 700, 800, 900) comprises a connecting component (1) on the drive side, a connecting component (21) on the driven side, a first torque transmission path situated between the connecting component (1) on the drive side and the connecting component (21) on the driven side, a second torque transmission path that is parallel to the first torque transmission path and is situated between the connecting component (1) on the drive side and the connecting component (21) on the driven side, a phase shifter (4) and a torque setting device (110). The phase shifter (4) is situated in the first or second torque transmission path and designed to produce a phase shift between rotation irregularities transmitted over the first torque transmission path and rotation irregularities transmitted over the second torque transmission path. Furthermore, the torque setting device is designed to modify a torque transmission ratio between a first torque component transmitted over the first torque transmission path and a second torque component transmitted over the second torque transmission path.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2014095186A1

Citation (examination)

WO 2013075908 A1 20130530 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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