

Title (en)

TORSIONAL VIBRATION DAMPER AND HYDRODYNAMIC TORQUE CONVERTER DEVICE FOR AN AUTOMOTIVE DRIVE TRAIN

Title (de)

TORSIONSSCHWINGUNGSDÄMPFER SOWIE HYDRODYNAMISCHE DREHMOMENTWANDLER- VORRICHTUNG FÜR EINEN KRAFTFAHRZEUG-ANTRIEBSSTRANG

Title (fr)

AMORTISSEUR DE VIBRATIONS DE TORSION ET DISPOSITIF CONVERTISSEUR DE COUPLE HYDRODYNAMIQUE POUR CHAÎNE CINÉMATIQUE D'AUTOMOBILE

Publication

EP 1948973 A1 20080730 (DE)

Application

EP 06805471 A 20061021

Priority

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Abstract (en)

[origin: WO2007054062A1] The invention relates to a torsional vibration damper (10) and a hydrodynamic torque converter device (1). Said device has a converter torus (18) which is configured by an impeller (12), a turbine wheel (14) and a stator (16), and a converter lockup clutch (20). The torsional vibration damper (10) has at least one first energy accumulating device (28) with one or more first energy accumulators (68) (e.g. coil spring or bow spring), at least one first wall (92) radially supporting the at least one first energy accumulator (68). The invention is characterized in that a rolling body device (98) (e.g. a rolling gear) is interposed between the at least one first wall (92) and the at least one first energy accumulator (68) (e.g. coil spring or bow spring).

IPC 8 full level

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Citation (search report)

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