

Title (en)

TORSIONAL VIBRATION DAMPING ARRANGEMENT FOR THE POWERTRAIN OF A VEHICLE

Title (de)

DREHSCHWINGUNGSDÄMPFUNGSANORDNUNG FÜR DEN ANTRIEBSSTRANG EINES FAHRZEUGS

Title (fr)

ENSEMBLE AMORTISSEUR DE VIBRATIONS DE TORSION POUR LA CHAÎNE CINÉMATIQUE D'UN VÉHICULE

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Application

EP 14736391 A 20140707

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Abstract (en)

[origin: WO2015018576A1] The invention relates to a torsional vibration damping arrangement (10) for the powertrain of a vehicle, comprising an input region (50) which is to be rotated about a rotational axis A, an output region (55), a first torque transmission path (47) and a parallel second torque transmission path (48) which start from the input region, a coupling arrangement (41) which is connected to the output region for superimposing the torques transmitted via the two torque transmission paths, and a phase shifter arrangement (43) for the first torque transmission path for generating a phase shift of rotational irregularities transmitted via the first torque transmission path relative to rotational irregularities transmitted via the second torque transmission path. The planet gear support (8) comprises at least one base element (80) with a first planet gear bearing point (88a) and a second planet gear bearing point (89a), wherein the first planet gear bearing point is positioned on the base element on a first pitch circle diameter, and the second planet gear bearing point is positioned on the base element on a second pitch circle diameter, the first pitch circle diameter and the second pitch circle diameter being different.

IPC 8 full level

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