

Title (en)  
ASSEMBLY CONCEPT FOR A TORSIONAL VIBRATION DAMPING ARRANGEMENT FOR THE POWERTRAIN OF A VEHICLE

Title (de)  
MONTAGEKONZEPT FÜR EINE DREHSCHWINGUNGSDÄMPFUNGSANORDNUNG FÜR DEN ANTRIEBSSTRANG EINES FAHRZEUGS

Title (fr)  
CONCEPT DE MONTAGE D'UN SYSTÈME D'AMORTISSEMENT DES VIBRATIONS DE TORSION POUR LA CHAÎNE CINÉMATIQUE D'UN VÉHICULE

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Application  
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Abstract (en)  
[origin: WO2016023681A1] The invention relates to an assembly concept for 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) and an output region (55). A first torque transmission path (46), a parallel second torque transmission path (48), and a coupling arrangement (41) for superimposing the torques transmitted via the torque transmission paths are provided between the input region and the output region. The first torque transmission path is equipped with a phase shifter arrangement (43) for generating a phase shift of rotational irregularities introduced via the first torque transmission path with respect to rotational irregularities introduced via the second torque transmission path, and the phase shifter arrangement is designed as a preassembled phase shifter assembly (83), comprising at least one first connection point (71) and a second connection point (72). The coupling arrangement is designed as a preassembled coupling arrangement assembly (51), comprising at least one first connection point (73) which corresponds to the first connection point of the phase shifter assembly and a second connection point (74) which corresponds to the second connection point of the phase shifter arrangement, and the connection points of the phase shifter assembly are axially joined to the connection points of the coupling arrangement assembly when the phase shifter assembly is assembled together with the coupling arrangement assembly.

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