

Title (en)

DRIVE SYSTEM HAVING AN ABSORBER ARRANGEMENT WHICH IS PROVIDED THEREIN

Title (de)

ANTRIEBSSYSTEM MIT DARIN VORGESEHENER TILGERANORDNUNG

Title (fr)

SYSTÈME D'ENTRAÎNEMENT COMPORTANT UN ENSEMBLE D'AMORTISSEUR DISPOSÉ DANS CELUI-CI

Publication

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Application

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Abstract (en)

[origin: WO2020030215A1] The invention relates to a drive arrangement having an internal combustion engine, a transmission device with a power input and a power output, having an electric motor or converter which comprises a rotor, for the output of a drive torque to the power input of the transmission device, and having an absorber arrangement which is provided for rotation about a central axis, for the reduction of the degree of irregularity of the rotational drive movement of the internal combustion engine, which rotational drive movement is introduced into the transmission device at the power input thereof, wherein the absorber arrangement comprises a first carrier part, a second carrier part, a plurality of absorber masses which follow one another in the circumferential direction, and a coupling mechanism, for the movement of the absorber masses in a radial plane with respect to the central axis in accordance with a relative rotation of the carrier parts with respect to one another, and the rotor of the electric motor or the converter is attached to the free carrier part which can be rotated with respect to the transmission input shaft, with the result that the torque of the rotor is conducted via that coupling mechanism which couples the carrier parts and the absorber masses.

IPC 8 full level

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