

Title (en)
PENDULAR ROCKER DAMPER WITH OVERLOAD PROTECTION, AND HYBRID POWERTRAIN

Title (de)
PENDELWIPPENDÄMPFER MIT ÜBERLASTSCHUTZ SOWIE HYBRIDANTRIEBSSTRANG

Title (fr)
AMORTISSEUR À BASCULE PENDULAIRE À PROTECTION CONTRE LES SURCHARGES, ET GROUPE MOTOPROPULSEUR HYBRIDE

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Application
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Abstract (en)
[origin: WO2022033622A1] The invention relates to a pendular rocker damper (1) for a hybrid powertrain (20) of a motor vehicle (21), comprising a primary component (2), a secondary component (3) which can be rotated relative to the primary component (2) to a limited degree, and at least one rocker element (9) which is suspended on the primary component (2) and the secondary component (3) in a pendular manner and which is used to transmit a torque, wherein the at least one rocker element (9) is coupled to the primary component (2) by means of a first roller body (6) received in guide tracks (7, 8) so as to roll and/or to the secondary component (3) by means of a second roller body (12) likewise received in guide tracks (13, 14) so as to roll, and the at least one rocker element (9) is elastically supported by at least one pressure spring (52). A stop (51) attached to the primary component (2) interacts with a counter stop (52) attached to the secondary component (3) such that the primary component (2) and the secondary component (3) are supported against each other in the circumferential direction after the at least one pressure spring (52) is displaced by a specified degree. The invention additionally relates to a hybrid powertrain (20) comprising said pendular rocker damper (1).

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