

Title (en)
DAMPING ARRANGEMENT FOR DAMPENING ROTATIONAL IRREGULARITIES IN A DRIVE TRAIN OF A MOTOR VEHICLE AND METHOD THEREFOR

Title (de)
DÄMPFUNGSANORDNUNG ZUM DÄMPFEN VON DREHUNGLEICHFÖRMIGKEITEN IN EINEM ANTRIEBSSTRANG EINES KRAFTFAHRZEUGS UND VERFAHREN DAFÜR

Title (fr)
SYSTÈME D'AMORTISSEMENT DESTINÉ À ATTÉNUER DES IRRÉGULARITÉS DE ROTATION DANS UNE CHAÎNE CINÉMATIQUE D'UN VÉHICULE À MOTEUR ET PROCÉDÉ ASSOCIÉ

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Application
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Abstract (en)
[origin: WO2019076564A1] The invention relates to a damping arrangement for dampening rotational irregularities in a drive train of a motor vehicle, comprising a slip arrangement for providing a slip between the input region and output region of a torque transmission arrangement, wherein the slip arrangement comprises a control device, which is designed to control the slip as a function of a measurement signal for a rotational irregularity, wherein the control device is designed to control the slip as a function of at least one parameter of a periodic vibration component of an alternating component of a speed proceeding from an average speed, wherein a sensor device is arranged which is connected to the control device, wherein the sensor device is designed to determine the average speed in the torque transmission path after the slip arrangement and wherein the sensor device is designed to determine a frequency of the alternating component in the torque transmission path before the slip arrangement.

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