

Title (en)

REGENERATIVE ENERGY ABSORPTION DEVICE, COUPLING OR JOINT ARRANGEMENT HAVING AN ENERGY ABSORPTION DEVICE OF THIS KIND, AND DAMPING ARRANGEMENT HAVING AN ENERGY ABSORPTION DEVICE OF THIS KIND

Title (de)

REGENERATIVE ENERGIEABSORPTIONSVORRICHTUNG, KUPPLUNGS- ODER GELENKANORDNUNG MIT EINER SOLCHEN ENERGIEABSORPTIONSVORRICHTUNG SOWIE DÄMPFUNGSANORDNUNG MIT EINER SOLCHEN ENERGIEABSORPTIONSVORRICHTUNG

Title (fr)

DISPOSITIF D'ABSORPTION D'ÉNERGIE RÉGÉNÉRATIF, ENSEMBLE DE COUPLAGE OU D'ARTICULATION COMPRENANT UN DISPOSITIF D'ABSORPTION D'ÉNERGIE DE CE TYPE, ET ENSEMBLE D'AMORTISSEMENT COMPRENANT UN DISPOSITIF D'ABSORPTION D'ÉNERGIE DE CE TYPE

Publication

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Application

EP 20726758 A 20200514

Priority

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Abstract (en)

[origin: WO2020239458A1] The invention relates to a regenerative energy absorption device for damping forces that occur during operation of a track-guided vehicle, in particular tensile, impact and/or torsional forces, wherein: the energy absorption device has at least one spring apparatus having an elastomer body (1), which is designed so as to elastically deform, at least in some regions, when forces are introduced into the energy absorption device; the elastomer body (1), at least in some regions, is made of an electrically conductive material (2), the specific electrical resistance of which varies under tensile and/or compressive loading; and the energy absorption device is assigned a resistance sensor apparatus (3) for detecting the electrical conductivity or the electrical resistance of the electrically conductive material (2).

IPC 8 full level

B61G 9/24 (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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