

Title (en)
CENTRIFUGAL PENDULUM

Title (de)
FLIEHKRAFTPENDEL

Title (fr)
PENDULE CENTRIFUGE

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Application
EP 21723121 A 20210415

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Abstract (en)
[origin: WO2021228307A1] The invention relates to a centrifugal pendulum (1) with a pendulum mass carrier (2) which is arranged rotatably about an axis of rotation (d) and on which pendulum masses (3), which are arranged on both sides and distributed over the circumference, are mounted by means of pendulum bearings (7) so as to be able to oscillate between end positions, within the centrifugal force field of the pendulum mass carrier (2) rotating about the axis of rotation (d), wherein axially opposing pendulum masses (3) are connected by means of connecting means (5) passing through the pendulum mass carrier (2) to form one pendulum mass unit (6) each, and the pendulum mass units (6) are supported radially on the inside. To support the pendulum masses (3) radially on the inside, for example in the event of torque peaks, inadequate centrifugal force and the like, using few components, at least one plastic ring part (12), on which axial supports (10) for the pendulum masses (3) are provided, is fastened to the pendulum mass carrier (2).

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