

Title (en)
CENTRIFUGAL PENDULUM

Title (de)
FLIEHKRAFTPENDEL

Title (fr)
PENDULE CENTRIFUGE

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Application
EP 17735376 A 20170518

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Abstract (en)
[origin: WO2018033170A1] The invention relates to a centrifugal pendulum (1) comprising a pendulum mass support (2) which is arranged in a rotatable manner about a rotational axis and comprising pendulum masses (3) which are distributed over the circumference and are received on the pendulum mass support in the centrifugal field of the rotating pendulum mass support (2) in an oscillating manner along a specified pendulum path. Each of the pendulum masses (3) is made of a central part that is received in a receiving area (8) of the pendulum mass support (2) and two lateral parts (4, 5) which flank the pendulum mass support (2), and each pendulum bearing which adjusts the pendulum path is made of radially opposing tracks of the central parts and of the pendulum mass support (2) and a pendulum roller which rolls on the tracks. The aim of the invention is to at least largely hold the pendulum masses (3) in their pendulum bearings. This is achieved in that the pendulum masses (3) are at least partly supported so as to prevent a displacement out of the pendulum bearings.

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