

Title (en)
SHOCK-ABSORBER DEVICE FOR A CLOCK MOVEMENT

Title (de)
STOSSDÄMPFENDE VORRICHTUNG FÜR UHRWERK

Title (fr)
DISPOSITIF ANTICHOC POUR UN MOUVEMENT HORLOGER

Publication
EP 3246764 B1 20190123 (FR)

Application
EP 17167110 A 20170419

Priority
EP 16170213 A 20160518

Abstract (en)
[origin: US2017336761A1] The timepiece movement comprises a pivoting element, a bearing for a pivot of this pivoting element and an anti-shock device associated with this bearing and including a resilient member arranged to exert a restoring force on at least one endstone. The anti-shock device further includes a magnetic system comprising two magnets having opposite polarities and a highly magnetically permeable element arranged between these two magnets and secured to one of them, the two magnets being respectively fixed to a support of the anti-shock device and to the resilient member and arranged to produce between them, in association with the highly magnetically permeable element, an overall force of magnetic attraction on a first section of a possible distance of displacement for the endstone in the event of a shock and an overall force of magnetic repulsion on a second section of this distance of displacement corresponding to greater distances of separation than those of the first section.

IPC 8 full level
G04B 31/04 (2006.01); **G04B 31/02** (2006.01)

CPC (source: CN EP US)
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Designated contracting state (EPC)
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