

Title (en)

Isochronism corrector for a timepiece escapement and an escapement equipped with such a corrector

Title (de)

Isochronismuskorrektor für Uhrhemmungsmechanismus und mit einem solchen Korrektor ausgestatteter Hemmungsmechanismus

Title (fr)

Correcteur d'isochronisme pour échappement horloger et échappement muni d'un tel correcteur

Publication

EP 2290476 A1 20110302 (FR)

Application

EP 09168113 A 20090818

Priority

EP 09168113 A 20090818

Abstract (en)

The corrector (10) has a frame (12), and a flexible blade (14) located integral with the frame to act on a mechanical oscillator at a contact portion (14a) presented by the blade. A reference element adjusts a pre-stress of the flexible blade comprising a pre-stress finger (22), where the element is located integral with the frame. Two correctors are arranged symmetrically relative to a line perpendicular to a path of a support zone of the mechanical oscillator. The frame, the blade and elastically deformable structures form a planar and/or monolithic piece. An independent claim is also included for an escapement mechanism comprising a mechanical oscillator.

Abstract (fr)

La présente invention concerne un correcteur d'isochronisme d'oscillateur mécanique comportant : - un bâti (12), - une lame flexible (14) solidaire du bâti pour agir sur l'oscillateur mécanique au niveau d'une portion de contact (14a) que présente la lame, - des premiers moyens de réglage de la précontrainte de ladite lame flexible comprenant un doigt de précontrainte (22) agissant sur ladite lame flexible, lesdits premiers moyens de réglage étant solidaires du bâti.

IPC 8 full level

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CPC (source: EP US)

G04B 15/12 (2013.01 - EP US); **G04B 17/00** (2013.01 - EP US); **G04B 17/045** (2013.01 - EP)

Citation (applicant)

- EP 1736838 A1 20061227 - SUISSE ELECTRONIQUE MICROTECH [CH]
- EP 08101699 A 20080218

Citation (search report)

- [DA] EP 1736838 A1 20061227 - SUISSE ELECTRONIQUE MICROTECH [CH]
- [A] CH 386935 A 19640930 - EBAUCHES SA [CH]
- [A] FR 648846 A 19281214

Cited by

EP3144741A1; CH704649A1; CH716525A1; EP3489762A1; CH711519A1; US12055896B2; WO2012127035A1; EP3722888A1; EP2553533B2

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