

Title (en)
ISOCHRONISM PROOF TESTING AND TIME SETTING DEVICE

Title (de)
ISOCHRONISMUSBESTÄNDIGE PRÜF- UND ZEITEINSTELLVORRICHTUNG

Title (fr)
TEST D'ÉPREUVE D'ISOCHRONISME ET DISPOSITIF DE RÉGLAGE DU TEMPS

Publication
EP 3537234 A1 20190911 (EN)

Application
EP 19161630 A 20190308

Priority
EP 18160793 A 20180308

Abstract (en)
The present invention relates to a device (1000) for setting time or proof testing the isochronism stability of a mechanical watch (1100), the device (1000) comprising: time reading means (1200) for reading a time indicated by a mechanical watch (1100), a time tracking means (1500) for indicating a reference time, moving means (1400) for acting on an escapement (3130) of the mechanical watch (1100) by applying a movement (M) to a case (1110) of the mechanical watch (1100), controlling means (1300) connected to the time reading means (1200) and to the time tracking means (1500), and controlling the moving means (1400) so as to reduce a difference between the time indicated by the mechanical watch (1100) and the reference time.

IPC 8 full level
G04D 7/12 (2006.01)

CPC (source: EP)
G04D 7/1264 (2013.01); **G04D 7/1278** (2013.01)

Citation (search report)

- [XA] DE 102013012854 B3 20140522 - GODER REINHARD [DE]
- [XA] EP 3096191 A1 20161123 - SWATCH GROUP RES & DEV LTD [CH]
- [XPA] EP 3410235 A1 20181205 - SWATCH GROUP RES & DEV LTD [CH]
- [XPA] EP 3410236 A1 20181205 - SWATCH GROUP RES & DEV LTD [CH]

Cited by
US11650546B2; JP2020085910A; JP2020085911A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3537233 A1 20190911; EP 3537234 A1 20190911; EP 3537234 B1 20240501

DOCDB simple family (application)
EP 18160793 A 20180308; EP 19161630 A 20190308