

Title (en)

DEVICE AND METHOD FOR ADJUSTING THE RATE OF A WATCH

Title (de)

VORRICHTUNG UND VERFAHREN ZUM REGULIEREN DER GANGGENAUIGKEIT EINER ARMBANDUHR

Title (fr)

DISPOSITIF ET PROCEDE D'AJUSTEMENT DE MARCHE D'UNE MONTRE

Publication

EP 3410235 B1 20200422 (FR)

Application

EP 17173301 A 20170529

Priority

- EP 17173301 A 20170529
- CH 6982017 A 20170529

Abstract (en)

[origin: US2018341226A1] A method for adjusting the rate of a watch with an oscillator arranged to generate oscillation at a nominal frequency N0, with a servo-system including a master oscillator arranged to generate excitation oscillation at an excitation frequency NE, which is approximately equal to, or equal to the nominal frequency N0, or to an integer multiple of this nominal frequency N0, the watch is subjected to excitation oscillation or to a modulated motion, generated by the master oscillator, during a transition phase after which the oscillator of the watch is stabilised at excitation frequency NE, and there is incorporated in the servo-system a winder for mechanical or automatic watches, arranged to move a support on which such a watch is fixed.

IPC 8 full level

G04D 7/12 (2006.01); **G04B 18/02** (2006.01)

CPC (source: CH CN EP US)

G04B 18/006 (2013.01 - CN); **G04B 18/02** (2013.01 - CN); **G04B 18/021** (2013.01 - EP US); **G04C 13/028** (2013.01 - CN); **G04D 1/063** (2013.01 - CH); **G04D 7/084** (2013.01 - CN); **G04D 7/087** (2013.01 - CN); **G04D 7/1264** (2013.01 - CH CN EP US); **G04D 7/1278** (2013.01 - EP US)

Cited by

US11669047B2; EP3537234A1; WO2019224212A1; EP3719589A1; EP3835889A1; EP4357859A1; EP3572887A1; EP3985446B1

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DOCDB simple family (publication)

US 10948879 B2 20210316; **US 2018341226 A1 20181129**; CH 713821 A2 20181130; CN 108983581 A 20181211; CN 108983581 B 20201110; EP 3410235 A1 20181205; EP 3410235 B1 20200422; JP 2018200308 A 20181220; JP 6514393 B2 20190515

DOCDB simple family (application)

US 201815957949 A 20180420; CH 6982017 A 20170529; CN 201810520724 A 20180528; EP 17173301 A 20170529; JP 2018092843 A 20180514