Title (en)

TIMEPIECE COMPONENT PROVIDED WITH A MECHANICAL MOVEMENT AND A DEVICE FOR CORRECTING A DISPLAYED TIME

Title (de)

UHRENKOMPONENTE MIT MECHANISCHEM UHRWERK UND VORRICHTUNG ZUR KORREKTUR DER ANGEZEIGTEN ZEIT

Title (fr)

PIECE D'HORLOGERIE MUNIE D'UN MOUVEMENT MECANIQUE ET D'UN DISPOSITIF DE CORRECTION D'UNE HEURE AFFICHEE

Publication

EP 4078298 A1 20221026 (FR)

Application

EP 20789153 A 20201013

Priority

- EP 19217160 A 20191217
- EP 19219544 A 20191223
- EP 2020078750 W 20201013

Abstract (en)

[origin: WO2021121711A1] The watch (2) is formed by a mechanical movement incorporating a mechanical resonator (14). It comprises a time display (12) and a device for correcting the displayed time, which is formed by a receiver (30) of an external correction signal which is supplied by an external electronic device (40) (in particular a mobile telephone), a braking device (22A) for braking the mechanical resonator and an electronic control unit (28). The correction device is designed to be able to correct the displayed time as a function of a temporal error (delay or advance) contained in the external correction signal. In order to do this, the correction device is designed such that the braking device can act on the mechanical resonator during a correction period in order to vary the rate of the driving mechanism of the display, so as to correct at least the major part of the temporal error in the displayed time.

IPC 8 full level

G04C 11/08 (2006.01)

CPC (source: EP US)

G04B 17/063 (2013.01 - EP US); **G04B 27/007** (2013.01 - EP US); **G04C 3/042** (2013.01 - EP US); **G04C 3/047** (2013.01 - EP US); **G04C 11/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2021121711A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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