

Title (en)
MECHANICAL CLOCK MOVEMENT WITH RESONATOR HAVING TWO DEGREES OF FREEDOM WITH MAINTENANCE MECHANISM BY A WHEEL ROLLING ON A TRACK

Title (de)
MECHANISCHES UHRWERK MIT RESONATOR MIT ZWEI FREIHEITSGRADEN UND WARTUNGSMECHANISMUS ÜBER EINE AUF EINER LAUFPISTE ROLLENDEN LAUFROLLE

Title (fr)
MOUVEMENT MECANIQUE D'HORLOGERIE AVEC RESONATEUR A DEUX DEGRES DE LIBERTE AVEC MECANISME D'ENTRETIEN PAR GALET ROULANT SUR UNE PISTE

Publication
EP 3312683 B1 20190220 (FR)

Application
EP 16194289 A 20161018

Priority
EP 16194289 A 20161018

Abstract (en)
[origin: US2018107161A1] Timepiece movement for a mechanical watch, comprising, arranged on a main plate, a resonator mechanism with two degrees of freedom, and a maintaining mechanism subjected to the torque of driving means comprised in the movement, wherein this maintaining mechanism is a continuous maintaining mechanism, and includes a crank movable about a crank rotational axis, and which includes, on the crank rotational axis, an axial element subjected to the torque of driving means, and, off-centre relative to the crank rotational axis, a crankpin which is arranged to travel on a track of a stiff ring comprised in the resonator mechanism, this stiff ring being movable in the two degrees of freedom.

IPC 8 full level
G04B 17/04 (2006.01)

CPC (source: CH CN EP RU US)
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Cited by
EP3926412A1; CN113805456A; US11835925B2; EP3798740A1; WO2019106448A1; WO2018215284A1; WO2020016131A1

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