

Title (en)

MOVEMENT FOR A TIMEPIECE WITH AN INTEGRATED AUTOMATIC WINDING DEVICE

Title (de)

UHRWERK MIT INTEGRIERTER AUTOMATISCHER AUFGUGVORRICHTUNG

Title (fr)

MOUVEMENT POUR PIERCE D'HORLOGERIE A DISPOSITIF DE REMONTAGE AUTOMATIQUE EMBARQUE

Publication

EP 2313812 B1 20111109 (FR)

Application

EP 09777297 A 20090720

Priority

- EP 2009005245 W 20090720
- CH 12762008 A 20080814

Abstract (en)

[origin: WO2010017874A1] The invention relates to a movement for a timepiece with automatic winding that includes a frame (4, 5) bearing a mechanical power source (1), an oscillating weight (8) rotating relative to the frame about a first rotation axis (X1) and a reduction gear train (14, 15, 18, 20) arranged to recharge the mechanical power source from the movements of said oscillating weight. The movement is characterised in that the reduction gear train comprises at least a first wheel (14) arranged on the oscillating weight so as to rotate freely relative to the latter about a second rotation axis (X2) substantially parallel to the first rotation axis (X1). Preferably, the reduction gear train (14, 15, 18, 20) comprises a second wheel (15) coaxial with the first wheel (14) and rotatably connected thereto, the first wheel being engaged with a fixed wheel (18) secured to the frame (4) while the second wheel is kinematically linked with a third wheel (20) of the reduction gear train, the rotation of which charges the mechanical power source (1).

IPC 8 full level

G04B 5/16 (2006.01); **G04B 5/02** (2006.01)

CPC (source: EP)

G04B 5/02 (2013.01); **G04B 5/165** (2013.01)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010017874 A1 20100218; AT E533090 T1 20111115; CH 699325 A2 20100215; EP 2313812 A1 20110427; EP 2313812 B1 20111109

DOCDB simple family (application)

EP 2009005245 W 20090720; AT 09777297 T 20090720; CH 12762008 A 20080814; EP 09777297 A 20090720