

Title (en)

Winding device of a self-winding watch

Title (de)

Aufzugsvorrichtung für Armanduhr mit Selbstaufzug

Title (fr)

Dispositif de remontage de montre à remontage automatique

Publication

EP 2650735 B1 20180314 (FR)

Application

EP 13163158 A 20130410

Priority

- CH 5102012 A 20120413
- EP 13163158 A 20130410

Abstract (en)

[origin: EP2650735A2] The winding (50) has a guidance (2) leveled with a fulcrum pin (D) and assembled in a cylinder with maximum radius (RMAX). A driving unit drives an energy recharging mechanism. A ferromagnetic or magnetized part drives the winding by a variable magnetic field. An electrically charged part electrically drives the winding by a variable electrostatic field. A paramagnetic conducting ring surrounding the fulcrum pin drives the winding by eddy currents. An internal ferromagnetic part (8) is extended on a radius, which is lower than a minimal radius (RMIN) of a metal peripheral part (9). Independent claims are also included for the following: (1) a winding device (2) a watch assembly.

IPC 8 full level

G04B 5/16 (2006.01); **G04B 13/00** (2006.01); **G04D 7/00** (2006.01)

CPC (source: EP US)

G04B 5/165 (2013.01 - EP); **G04B 13/00** (2013.01 - EP); **G04C 1/02** (2013.01 - EP US); **G04D 7/009** (2013.01 - EP US)

Cited by

US2018181075A1; US10539928B2; US9836027B2; WO2014166719A3; EP4002018A1

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

DOCDB simple family (publication)

CH 706361 A2 20131015; CH 706361 B1 20170515; EP 2650735 A2 20131016; EP 2650735 A3 20150603; EP 2650735 B1 20180314; HK 1218004 A1 20170127

DOCDB simple family (application)

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