

Title (en)

Timepiece movement with reduced height and large power reserve

Title (de)

Uhrwerk mit reduzierter Höhe und großer Gangreserve

Title (fr)

Mouvement d'horlogerie à hauteur réduite et à grande réserve de marche

Publication

**EP 2560057 B1 20140402 (FR)**

Application

**EP 11177840 A 20110817**

Priority

EP 11177840 A 20110817

Abstract (en)

[origin: EP2560057A1] The device (1) has an energy storage unit (2) comprising a cylinder (3). A display unit (4) comprises an hour wheel (6) directly driven about a main pivot axis (AP) by a timer. A driving wheel (8) swivels around a secondary pivot axis (AS) external to the cylinder, where the driving wheel is directly or indirectly driven by the cylinder. The driving wheel is bound by friction to the timer at a friction surface (9) coaxial to the secondary pivot axis. The main pivot axis is arranged in secant with the cylinder. A movable carrying plate (10) comprises a dial side (11) and a wheel side (12). An independent claim is also included for a wheel module.

IPC 8 full level

**G04B 33/06** (2006.01); **G04B 33/12** (2006.01)

CPC (source: EP US)

**G04B 33/06** (2013.01 - EP US); **G04B 33/12** (2013.01 - EP US)

Cited by

CN106218150A; EP2605087A1; EP2605079A1; EP2787399A2

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)

**EP 2560057 A1 20130220; EP 2560057 B1 20140402**; CN 102955417 A 20130306; CN 102955417 B 20150715; HK 1183112 A1 20131213; JP 2013040944 A 20130228; JP 5395933 B2 20140122; RU 2012135329 A 20140227; RU 2592761 C2 20160727; US 2013064047 A1 20130314; US 8891339 B2 20141118

DOCDB simple family (application)

**EP 11177840 A 20110817**; CN 201210295612 A 20120817; HK 13110212 A 20130902; JP 2012180828 A 20120817; RU 2012135329 A 20120816; US 201213586400 A 20120815