

Title (en)

Winding of a clock mechanism by pressing or pulling

Title (de)

Aufzug eines Uhrwerks durch Druck oder Zug

Title (fr)

Remontage d'un mécanisme d'horlogerie par pression ou traction

Publication

EP 2560054 B1 20171115 (FR)

Application

EP 11177838 A 20110817

Priority

EP 11177838 A 20110817

Abstract (en)

[origin: EP2560054A1] The mechanism (1) has a winding-button (2) driving a winding rod (3). The rod drives a winding driving unit (4) in rotation or/and translation, and is returned to a longitudinal initial position (TO) by an elastic return unit (5). The driving unit comprises a driving part (26) for driving an intermediate winding mechanism. The driving part comprises a disconnectable intermediate winding wheel for driving a winding train of the intermediate winding mechanism. The intermediate winding wheel moves along a travel direction parallel to that of the rod and remains permanently meshed with the rod. The elastic return unit is formed by a flexible winding lever.

IPC 8 full level

G04B 3/00 (2006.01); **G04B 3/04** (2006.01)

CPC (source: EP US)

G04B 3/001 (2013.01 - EP US); **G04B 3/046** (2013.01 - EP US)

Citation (examination)

US 228987 A 18800622

Cited by

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 2560054 A1 20130220; EP 2560054 B1 20171115; CN 102955416 A 20130306; CN 102955416 B 20150415; HK 1183109 A1 20131213; JP 2013040943 A 20130228; JP 5483765 B2 20140507; US 2013044572 A1 20130221; US 8727606 B2 20140520

DOCDB simple family (application)

EP 11177838 A 20110817; CN 201210295951 A 20120817; HK 13110209 A 20130902; JP 2012180826 A 20120817; US 201213586465 A 20120815