

Title (en)

Device for winding up and setting a time measuring instrument.

Title (de)

Vorrichtung zum Aufziehen und Stellen einer Uhr.

Title (fr)

Dispositif de remontage et de mise à l'heure d'une pièce d'horlogerie.

Publication

EP 0027671 A1 19810429 (FR)

Application

EP 80200963 A 19801013

Priority

CH 940079 A 19791019

Abstract (en)

[origin: US4362395A] A winding and setting arrangement for a timepiece comprises a two-part stem extending through the hollow shaft of the spring drum. The outer part of the stem is affixed at its outer end to a crown and at its inner end has Breguet teeth which, in an inner position of the stem, are engageable with Breguet teeth of a connecting member which is non-rotatable but axially movable in a cavity in the hollow spring drum shaft. A spring urges the connecting member outwardly against a shoulder in the shaft. The inner part of the stem is coupled with the outer part by a square section so that the two parts rotate together but are axially movable relative to one another. The inner stem part passes freely through the connecting member and, inwardly of the spring drum, carries a pinion which is engageable with a setting wheel in an outer position of the stem. A spring urges the inner stem part outwardly.

Abstract (fr)

Le dispositif comprend une tige de remontoir en deux parties (9, 10) solidaires en rotation, dont l'une (9) traverse librement un organe d'embrayage (16) solidaire en rotation de l'arbre du barillet (5), jouant le rôle d'un pignon coulant et muni à cet effet d'une denture Bréguet coopérant avec une denture Bréguet sur l'autre partie de la tige (10). En position de mise à l'heure un pignon (13) solidaire de l'une des parties de la tige (9) est engagé par un ressort avec un renvoi (14).

IPC 1-7

G04B 27/02; **G04B 37/06**

IPC 8 full level

G04B 3/04 (2006.01); **G04B 27/02** (2006.01); **G04B 27/04** (2006.01); **G04B 37/06** (2006.01)

CPC (source: EP US)

G04B 27/02 (2013.01 - EP US); **G04B 37/068** (2013.01 - EP US)

Citation (search report)

- CH 128779 A 19281116 - PIGUET FREDERIC [CH]
- CH 373697 B

Cited by

FR2590211A1; CN115220327A; CN110597041A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0027671 A1 19810429; **EP 0027671 B1 19830330**; CH 632369 B; CH 632369G A3 19821015; DE 3062548 D1 19830505; JP S5689078 A 19810720; JP S5924398 B2 19840608; US 4362395 A 19821207

DOCDB simple family (application)

EP 80200963 A 19801013; CH 940079 A 19791019; DE 3062548 T 19801013; JP 14587280 A 19801020; US 19612080 A 19801010