

Title (en)

Disengaging device for timepiece mechanism, and watch movement comprising this device

Title (de)

Auskupplungsvorrichtung für Uhrwerksmechanismus und diese Vorrichtung umfassendes Uhrwerk

Title (fr)

Dispositif de débrayage pour mécanisme horloger, et mouvement de montre comportant ce dispositif

Publication

**EP 2226687 B1 20130515 (FR)**

Application

**EP 09154219 A 20090303**

Priority

EP 09154219 A 20090303

Abstract (en)

[origin: EP2226687A1] The device has a wheel (7) and another clutch wheel (17) that are coaxial coupled to each other in rotation in a direction using Breguet teeth (21, 22). The latter clutch wheel is mobile in an axial direction and solicited by a return spring (26) engaging the Breguet teeth. The latter clutch wheel is fixed on a sliding axle (18) that is mounted in a rotational and sliding manner in fixed bearings. The return spring includes an elastic strip supported against an end of the sliding axle. The fixed bearings are formed by clock jewels (24, 25). An independent claim is also included for a watch movement comprising an automatic remounting mechanism.

IPC 8 full level

**G04B 5/10** (2006.01); **G04B 11/00** (2006.01); **G04B 19/23** (2006.01)

CPC (source: EP US)

**G04B 5/10** (2013.01 - EP US); **G04B 11/008** (2013.01 - EP US); **G04B 19/235** (2013.01 - EP US)

Cited by

EP3361323A1; US11112757B2; EP4375759A1

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 TR

DOCDB simple family (publication)

**EP 2226687 A1 20100908; EP 2226687 B1 20130515**; CN 101825861 A 20100908; CN 101825861 B 20130306; ES 2423285 T3 20130919; HK 1148081 A1 20110826; JP 2010204100 A 20100916; JP 5322976 B2 20131023; US 2010226216 A1 20100909; US 8506157 B2 20130813

DOCDB simple family (application)

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