

Title (en)

Timepiece movement equipped with an inertia clutch

Title (de)

Uhrwerk, das mit einer Schwungkraft-Kupplungsvorrichtung ausgestattet ist

Title (fr)

Mouvement d'horlogerie muni d'un mécanisme d'embrayage inertiel

Publication

EP 2192455 A1 20100602 (FR)

Application

EP 09177515 A 20091130

Priority

- EP 08020803 A 20081201
- EP 09177515 A 20091130

Abstract (en)

The movement has a centrifugal coupling mechanism with two coupling mobile parts (411, 412), where rotation of one of the mobile parts drives rotation of the other mobile part. The centrifugal coupling mechanism includes an inertial pawl secured to a hub (415) of the former mobile part and meshed with stops (416) secured to the latter mobile part. The inertial pawl is constituted by pressure levers (413) and strips (414), and the latter mobile part intermeshes with a weight pinion of an oscillating weight.

Abstract (fr)

Il s'agit d'un mécanisme d'embrayage (41) comprenant un premier et un deuxième mobile d'embrayage (411,412), la rotation dudit premier mobile d'embrayage (411) entraînant la rotation dudit deuxième mobile d'embrayage (412). Le mécanisme d'embrayage est un mécanisme d'embrayage centrifuge comprenant un cliquet inertiel (413,414) solidaire du moyeu (415) du premier mobile d'embrayage (411), et venant en prise avec des butées (416) solidaires dudit deuxième mobile (412).

IPC 8 full level

G04B 23/12 (2006.01); **G04B 5/12** (2006.01); **G04B 11/00** (2006.01); **G04B 25/04** (2006.01)

CPC (source: EP KR US)

G04B 1/12 (2013.01 - EP US); **G04B 5/12** (2013.01 - EP US); **G04B 11/006** (2013.01 - EP US); **G04B 23/12** (2013.01 - EP KR US); **G04B 25/04** (2013.01 - EP KR US)

Citation (search report)

- [X] CH 161131 A 19330415 - BALLAND & CO [CH]
- [A] FR 2234591 A1 19750117 - CITIZEN WATCH CO LTD [JP]

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 SM TR

DOCDB simple family (publication)

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