

Title (en)

Timepiece movement including a regulating organ with a high frequency of oscillation

Title (de)

Uhrwerk, das ein Regulierorgan mit erhöhter Oszillationsfrequenz umfasst

Title (fr)

Mouvement horloger comportant un organe réglant à fréquence d'oscillation élevée

Publication

EP 2075651 A1 20090701 (FR)

Application

EP 07025149 A 20071227

Priority

EP 07025149 A 20071227

Abstract (en)

The movement has a balance spiral type regulating unit with oscillation frequency, and an escapement for sustaining oscillations of the balance spiral type regulating unit. The escapement includes an escapement wheel (11) and an escapement anchor (12) that are cooperated with each other, where the escapement wheel has 50 teeth. The frequency is equal to 5 hertz environment, and a ratio between the number of teeth and the frequency is equal to 5.

Abstract (fr)

Le mouvement horloger comprend un organe réglant ayant une fréquence d'oscillation f et un échappement (11, 12) pour entretenir les oscillations de l'organe réglant. L'échappement comprend une roue d'échappement (11) à N dents. La fréquence f est au moins égale à environ 5 Hz et le rapport entre le nombre de dents N et la fréquence f est sensiblement égal à 5.

IPC 8 full level

G04B 15/08 (2006.01); **G04B 15/14** (2006.01)

CPC (source: EP)

G04B 15/08 (2013.01); **G04B 15/14** (2013.01); **G04B 18/00** (2013.01); **G04D 1/0092** (2013.01)

Citation (applicant)

FR 1496479 A 19670929 - GIRARD PERREGAUX ET CIE S A

Citation (search report)

- [XA] CH 547516 A 19740329
- [XA] CH 358036 A 19611031 - XAVIER THEURILLAT [FR]
- [A] FR 1496479 A 19670929 - GIRARD PERREGAUX ET CIE S A

Cited by

CH705970A1; CH703575A3; EP2363762A1; CN102193485A; EP2363763A3; EP2363763A2; US8500323B2

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AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 07025149 A 20071227; DE 602007013587 T 20071227; EP 11000483 A 20071227; EP 11000484 A 20071227; HK 09106721 A 20090722; HK 11105857 A 20110609; HK 11105858 A 20110609