

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)

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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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**EP 2075651 A1 20090701**; **EP 2075651 B1 20110330**; DE 602007013587 D1 20110512; EP 2309344 A2 20110413; EP 2309344 A3 20110504; EP 2309344 B1 20120509; EP 2309345 A2 20110413; EP 2309345 A3 20110504; EP 2309345 B1 20130313; HK 1127647 A1 20091002; HK 1151864 A1 20120210; HK 1152118 A1 20120217

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