

Title (en)

Clockwork comprising a constant-force device

Title (de)

Uhrwerk, das eine Konstantkraftvorrichtung aufweist

Title (fr)

Mouvement horloger comportant un dispositif à force constante

Publication

EP 2166419 B1 20130626 (FR)

Application

EP 08105371 A 20080918

Priority

EP 08105371 A 20080918

Abstract (en)

[origin: EP2166419A1] The movement has a kinematic chain connecting a barrel (1) to an end of a balance-spring, where the chain is formed of a driving gear (4), a pinion (5) and a wheel (6). Another kinematic chain connects a time base to another end of the balance-spring, where the other chain is formed of a second mobile (13) and an escapement wheel (16). Each chain includes a wheel mobile (9) with an adjustment body (20). The body includes a peripheral tooth (41) defining a support surface, where the tooth acts on the surface to turn the body.

IPC 8 full level

G04B 1/22 (2006.01)

CPC (source: EP US)

G04B 1/225 (2013.01 - EP US)

Cited by

WO2018193366A1; EP3598241A1; CN110622073A; EP3032348A1; EP2463986A1; CN106990696A; EP3032349A1; US9429914B2; WO2018193365A1; WO2023046841A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2166419 A1 20100324; EP 2166419 B1 20130626; CN 102160003 A 20110817; CN 102160003 B 20130417; HK 1159260 A1 20120727; JP 2012503187 A 20120202; JP 5317071 B2 20131016; US 2011235474 A1 20110929; US 8550700 B2 20131008; WO 2010031631 A1 20100325

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EP 08105371 A 20080918; CN 200980136194 A 20090730; EP 2009059902 W 20090730; HK 11113377 A 20111212; JP 2011527267 A 20090730; US 200913119956 A 20090730