

Title (en)

Instantaneous counter mechanism and snail cam for such mechanism

Title (de)

Unverzögerter Zähl-Mechanismus und Kurvenscheibe für diesen Mechanismus

Title (fr)

Mécanisme de compteur instantané et came escargot pour un tel mécanisme

Publication

EP 2241944 A3 20161207 (FR)

Application

EP 10003428 A 20100330

Priority

CH 6022009 A 20090415

Abstract (en)

[origin: EP2241944A2] The mechanism has a snail cam (3) driven in rotation by an axle (4), a needle cooperating with a graduation. The snail cam has a slot (20) that is extended on an arc portion comprised between 30 degrees and 90 degrees, where the slot separates a central body from the snail cam. An end of a terminal part (21) forms a part with a large height (H) of the snail cam. A ratchet (8) cooperates with a tooth under the action of the ratchet action.

IPC 8 full level

G04F 7/08 (2006.01)

CPC (source: EP)

G04F 7/08 (2013.01); **G04F 7/0804** (2013.01)

Citation (search report)

- [AD] EP 1953612 A2 20080806 - PATEK PHILIPPE SA [CH]
- [XA] WO 2004025141 A1 20040325 - BARNETT JONATHAN [GB]
- [XA] GB 720618 A 19541222 - BRITISH THERMOSTAT CO LTD

Cited by

CH707233A1; JP2016502081A; WO2018091696A1; US11300927B2; EP3598242A1; WO2020016818A1; EP3907563A1; EP3598243A1

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

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2241944 A2 20101020; EP 2241944 A3 20161207; EP 2241944 B1 20180221; CH 700753 A2 20101015; CH 700753 B1 20140314

DOCDB simple family (application)

EP 10003428 A 20100330; CH 6022009 A 20090415