

Title (en)

DEVICE FOR COUNTING AND DISPLAYING A FRACTION OF A TIME UNIT

Title (de)

ZÄHLER- UND ANZEIGEVORRICHTUNG EINER FRAKTION EINER ZEITEINHEIT

Title (fr)

DISPOSITIF DE COMPTAGE ET D'AFFICHAGE D'UNE FRACTION D'UNITÉ DE TEMPS

Publication

EP 3185090 B1 20191023 (FR)

Application

EP 15202597 A 20151223

Priority

EP 15202597 A 20151223

Abstract (en)

[origin: US2017185046A1] A device for counting a number of time unit fractions or a number of movement unit fractions of a mobile member (1; 6; A2), the device a first including (i) a first cam (1) having a first surface (10: (ii) a second surface (20), the second surface being an abutment surface; (iii) a mobile support (4) urged by a spring (R4); (iv) a mobile pawl (3) mounted on the support (4) and urged by a spring (R3) toward the first surface, the pawl (3) being adapted to cooperate with one or the other of the first and second surfaces (10, 20) according to the position of the support (4); and (v) a control system (80) adapted, in a first or non-counting state of the control system, to maintain the support in a first position and, in a second or counting state of the control system, to allow the movement of the support.

IPC 8 full level

G04F 7/08 (2006.01)

CPC (source: CN EP US)

G04F 7/08 (2013.01 - CN); **G04F 7/0814** (2013.01 - EP US); **G04F 7/0819** (2013.01 - EP US); **G04F 7/0866** (2013.01 - EP US); **G04F 7/088** (2013.01 - CN); **G04F 7/088** (2013.01 - EP US)

Citation (examination)

EP 1777598 A1 20070425 - ROLEX SA [CH]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3185090 A1 20170628; **EP 3185090 B1 20191023**; CN 107045277 A 20170815; CN 107045277 B 20200915; JP 2017151089 A 20170831; JP 6935191 B2 20210915; US 10222758 B2 20190305; US 2017185046 A1 20170629

DOCDB simple family (application)

EP 15202597 A 20151223; CN 201611272977 A 20161223; JP 2016248568 A 20161222; US 201615386923 A 20161221