

Title (en)
SECOND RESET CLOCK MECHANISM WITH SNAIL CAM

Title (de)
UHRWERKSMECHANISMUS ZUR NULLRÜCKSTELLUNG DER SEKUNDE MIT SCHNECKENNOCKEN

Title (fr)
MÉCANISME HORLOGER DE REMISE À ZÉRO DE LA SECONDE À CAME EN COLIMAÇON

Publication
EP 3486735 B1 20200930 (FR)

Application
EP 17202604 A 20171120

Priority
EP 17202604 A 20171120

Abstract (en)
[origin: US2019155221A1] A timepiece mechanism for returning the seconds hand to zero, which includes a seconds arbor; a seconds hand; a cam forming a snail cam path which extends in a spiral around the seconds arbor from an inner end to an outer end connected to each other by a radial stop surface; a hammer carrying a cam follower, rotatably mounted about a hammer axis between a disengaged position wherein the cam follower is removed from the cam path and an engaged position wherein the cam follower presses on the cam path; a retaining ratchet system including a toothed wheel and a click which engages with the toothed wheel.

IPC 8 full level
G04F 7/08 (2006.01)

CPC (source: EP US)
G04B 27/001 (2013.01 - US); **G04F 7/08** (2013.01 - US); **G04F 7/0804** (2013.01 - EP US); **G04F 7/0809** (2013.01 - US)

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 3486735 A1 20190522; EP 3486735 B1 20200930; CN 109814365 A 20190528; CN 109814365 B 20201201; JP 2019095439 A 20190620; JP 6609020 B2 20191120; US 11163266 B2 20211102; US 2019155221 A1 20190523

DOCDB simple family (application)
EP 17202604 A 20171120; CN 201811375293 A 20181119; JP 2018211116 A 20181109; US 201816178034 A 20181101