

Title (en)

Räderwerk für Uhr

Title (de)

Gear-train for timepiece

Title (fr)

Rouage de finissage pour pièce d'horlogerie

Publication

EP 2515186 B1 20140611 (FR)

Application

EP 11003306 A 20110420

Priority

EP 11003306 A 20110420

Abstract (en)

[origin: EP2515186A1] The structure has a frame (0), a barrel and an escapement pinion that are connected together by a going train. A stepping-up epicyclic train of the going train includes an external planet gear (6) with a constant rotational speed during normal operation of the structure, an internal planet gear (7) kinematically connected to the pinion, a satellite gear meshing with the planet gears, and a satellite carrier (8) kinematically connected to the barrel and carrying the satellite gear. The satellite carrier effects one full turn per hour. An independent claim is also included for a timepiece.

IPC 8 full level

G04B 5/02 (2006.01); **G04B 13/00** (2006.01)

CPC (source: EP US)

G04B 5/02 (2013.01 - EP US); **G04B 13/007** (2013.01 - EP US); **G04B 19/02** (2013.01 - EP US)

Cited by

EP2897000A1; US9158283B2; EP3944026A1

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 2515186 A1 20121024; EP 2515186 B1 20140611; CN 102749835 A 20121024; CN 102749835 B 20170301; HK 1170316 A1 20130222; JP 2012225931 A 20121115; JP 6016447 B2 20161026; US 2012269044 A1 20121025; US 8737176 B2 20140527

DOCDB simple family (application)

EP 11003306 A 20110420; CN 201210118300 A 20120420; HK 12110956 A 20121031; JP 2012108887 A 20120419; US 201213450506 A 20120419