Title (en)

Chronograph mechanism

Title (de)

Chronographenmechanismus

Title (fr)

Mécanisme de chronographe

Publication

EP 2508953 A3 20171004 (FR)

Application

EP 12002080 A 20120323

Priority

CH 6412011 A 20110408

Abstract (en)

[origin: EP2508953A2] The mechanism has a chronograph gear train comprising a seconds-counter mobile (1) and a mobile (3) with first precision corresponding to first fraction e.g. tenth, of a second. The gear train has an additional mobile (5) with second precision corresponding to second fraction e.g. hundredth, of second, where the additional mobile is driven by the mobile for the first fraction of second via a backlash compensating mobile (4). An indicator, actuated by the additional mobile, indicates the second fraction of second of measured duration, smaller than the first fraction of second.

IPC 8 full level

G04F 7/08 (2006.01); **G04B 35/00** (2006.01)

CPC (source: EP US)

G04B 35/00 (2013.01 - EP US); **G04F 7/00** (2013.01 - US); **G04F 7/06** (2013.01 - US); **G04F 7/08** (2013.01 - US); **G04F 7/0847** (2013.01 - EP US); **G04F 7/0857** (2013.01 - EP US); **G04F 7/0866** (2013.01 - US); **G04F 7/0871** (2013.01 - US); **G04F 7/0876** (2013.01 - US); **G04F 7/088** (2013.01 - EP US); **G04F 7/0895** (2013.01 - EP US); G04B 19/04 (2013.01 - US)

Citation (search report)

- [YDA] CH 697433 B1 20081015 - D HORLOGERIE MINERVA SA FAB [CH]
- [YA] EP 0482443 A1 19920429 - EBAUCHESFABRIK ETA AG [CH]
- [A] US 356362 A 18870118
- [A] EP 2053474 A1 20090429 - OMEGA SA [CH]
- [A] EP 1475682 A1 20041110 - AUDEMARS PIGUET RENAUD ET PAPI [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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2508953 A2 20121010; **EP 2508953 A3 20171004**; **EP 2508953 B1 20190904**; CH 704775 A2 20121015; CN 102736502 A 20121017; CN 102736502 B 20160713; US 2012257480 A1 20121011; US 9075397 B2 20150707

DOCDB simple family (application)

EP 12002080 A 20120323; CH 6412011 A 20110408; CN 201210100170 A 20120406; US 201213441384 A 20120406