

Title (en)

Striking mechanism of a watch with blocking of the hammer

Title (de)

Schlagwerkmechanismus einer Armbanduhr mit Schlagwerkhammerblockierung

Title (fr)

Mécanisme de sonnerie d'une montre à blocage du marteau

Publication

EP 2485097 A3 20160727 (FR)

Application

EP 11193259 A 20111213

Priority

CH 1422011 A 20110128

Abstract (en)

[origin: EP2485097A2] The mechanism (1) has a damper counter spring (5) that keeps the hammer at a distance from the gong (2) in an idle mode. A locking device is provided with one bolt. The hammer (4) is intended to lock with the locking device in an idle mode, and locking device to be moved away from the hammer in a strike mode. The locking device is arranged such that the drive spring drives the hammer to strike the gong before the bolt locks the hammer in the idle position.

IPC 8 full level

G04B 21/06 (2006.01); **G04B 21/10** (2006.01); **G04B 23/02** (2006.01); **G04B 23/12** (2006.01)

CPC (source: EP US)

G04B 21/06 (2013.01 - EP US); **G04B 21/10** (2013.01 - EP US); **G04B 23/026** (2013.01 - EP US); **G04B 23/12** (2013.01 - EP US)

Citation (search report)

- [XA] EP 1672442 A1 20060621 - GLASHUETTER UHRENBETRIEB GMBH [DE]
- [AD] EP 1394637 A1 20040303 - PIGUET FREDERIC SA [CH]
- [AP] CH 702201 A2 20110513 - MONTRES BREGUET SA [CH]

Cited by

EP3657269A1; EP2660662A3; US11842713B2

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 2485097 A2 20120808; **EP 2485097 A3 20160727**; **EP 2485097 B1 20190102**; CH 704392 A1 20120731; CN 102621871 A 20120801; CN 102621871 B 20140917; HK 1174695 A1 20130614; JP 2012159504 A 20120823; JP 5416233 B2 20140212; US 2012195174 A1 20120802; US 8514670 B2 20130820

DOCDB simple family (application)

EP 11193259 A 20111213; CH 1422011 A 20110128; CN 201210018599 A 20120120; HK 13101393 A 20130131; JP 2012014979 A 20120127; US 201213357967 A 20120125