

Title (en)

Timepiece with generator

Title (de)

Uhr mit Generator

Title (fr)

Montre avec génératrice

Publication

**EP 1821163 A3 20120613 (FR)**

Application

**EP 07100376 A 20070111**

Priority

CH 2232006 A 20060213

Abstract (en)

[origin: EP1821163A2] The watch has an oscillating mass which is free to rotate around a fixed rotation axis with respect to the watch. An electric generator e.g. micro alternator, is driven in rotation by the mass. An electric energy storage module e.g. lithium-ion storage battery, is electrically connected to an output of the generator. A movement is supplied by the module and has a display module that is visible on a side of the watch. The module and the mass are disposed side by side at the same level. A glass (30) permits the vision of the mass from a front side of the watch.

IPC 8 full level

**G04B 45/02** (2006.01); **G04C 10/00** (2006.01); **G04G 19/12** (2006.01)

CPC (source: EP US)

**G04B 45/02** (2013.01 - EP US); **G04C 10/00** (2013.01 - EP US); **G04G 19/12** (2013.01 - EP US)

Citation (search report)

- [XYI] JP H1172580 A 19990316 - SEIKO INSTR INC
- [A] CH 685363 A3
- [A] US 4910720 A 19900320 - RAY CLAUDE [CH], et al
- [A] US 6441516 B1 20020827 - KAELEN LAURENT [CH], et al
- [A] EP 0683442 A1 19951122 - MONDAINE WATCH LTD [CH]
- [A] GB 421770 A 19341231 - LOUIS CARTIER
- [Y] EP 1372048 A2 20031217 - SEIKO EPSON CORP [JP]
- [Y] EP 1341062 A2 20030903 - SEIKO EPSON CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 002, no. 061 (E - 031) 9 May 1978 (1978-05-09)

Cited by

CN107121920A; EP3598245A1; US11703810B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1821163 A2 20070822; EP 1821163 A3 20120613;** JP 2007218910 A 20070830; JP 2012027042 A 20120209; JP 5243722 B2 20130724; US 2007223318 A1 20070927

DOCDB simple family (application)

**EP 07100376 A 20070111;** JP 2007032326 A 20070213; JP 2011247016 A 20111111; US 70585707 A 20070213