

Title (en)
Timepiece with generator

Title (de)
Uhr mit Generator

Title (fr)
Montre avec génératrice

Publication
EP 1821163 A2 20070822 (FR)

Application
EP 07100376 A 20070111

Priority
CH 2232006 A 20060213

Abstract (en)
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.

Abstract (fr)
Montre comprenant un module générateur électrique actionné par une masse oscillante suite aux mouvements du porteur. La masse oscillante est visible derrière une glace du cadran à côté de l'affichage horaire. La montre comporte aussi un mode d'affichage de la réserve de charge et du bilan énergétique.

IPC 8 full level
G04C 10/00 (2006.01); **G04B 45/02** (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)

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