

Title (en)

MECHANICAL OSCILLATING SYSTEM FOR WATCHES AND FUNCTIONAL ELEMENT FOR WATCHES

Title (de)

MECHANISCHES SCHWINGSYSTEM FÜR UHREN SOWIE FUNKTIONSELEMENT FÜR UHREN

Title (fr)

SYSTÈME OSCILLANT MÉCANIQUE POUR MONTRES ET ÉLÉMENT FONCTIONNEL POUR MONTRES

Publication

EP 2394202 B1 20160907 (DE)

Application

EP 10721923 A 20100204

Priority

- DE 2010000126 W 20100204
- DE 102009007973 A 20090206
- DE 102009013741 A 20090320
- DE 102009025645 A 20090617
- DE 102009030539 A 20090624
- DE 102009031841 A 20090703
- DE 102009050045 A 20090924
- DE 102009048580 A 20091007
- DE 102009060024 A 20091221
- DE 102010004025 A 20100104
- DE 102010005257 A 20100120
- DE 102010006790 A 20100204

Abstract (en)

[origin: WO2010088891A2] The invention relates to a mechanical oscillating system for watches, especially wrist watches, having a balance spring and an oscillating body.

IPC 8 full level

G04B 17/06 (2006.01)

CPC (source: EP US)

G04B 17/066 (2013.01 - EP US)

Citation (examination)

- WO 2006123095 A2 20061123 - LEVINGSTON GIDEON [FR]
- EP 1445670 A1 20040811 - ETA SA MFT HORLOGERE SUISSE [CH]
- EP 1837722 A2 20070926 - ETA SA MFT HORLOGERE SUISSE [CH]
- WO ET AL: "PV-UNI-NETZ @BULLET ForschungsVerbund Sonnenenergie Photovoltaik: Materialforschung in Deutschland", WORKSHOP, 1 December 2004 (2004-12-01), XP055108866, Retrieved from the Internet <URL:http://www.pv-uni-netz.de/img/Jahrestagung2003/gesamt_05.pdf> [retrieved on 20140319]

Citation (opposition)

Opponent : Horage S.A.

- EP 1445670 A1 20040811 - ETA SA MFT HORLOGERE SUISSE [CH]
- EP 0732635 B1 20000607 - SUISSE ELECTRONIQUE MICROTECH [CH]
- WO 2006123095 A2 20061123 - LEVINGSTON GIDEON [FR]
- WO 2010088891 A2 20100812 - DAMASKO KONRAD [DE]
- DE 102008029429 A1 20090423 - DAMASKO KONRAD [DE]
- DE 10127733 B4 20051208 - SILICIUM ENERGIESYSTEME E K DR [DE]
- THOMAS WEIS: "Modellstudien zum Ladungsträgertransport über Korngrenzen in photovoltaischen Materialien", DISSERTATION FREIEN UNIVERSITÄT BERLIN, May 1999 (1999-05-01), XP055390836
- PROF. DR. WALTHER FUHS: "Dünnschicht - Solarzellen aus Silizium", FVS THEMEN, 2003, pages 42 - 47, XP055390839

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010088891 A2 20100812; WO 2010088891 A3 20101125; DE 202010018420 U1 20160622; EP 2394202 A2 20111214; EP 2394202 B1 20160907; EP 3101484 A1 20161207; US 2011292770 A1 20111201

DOCDB simple family (application)

DE 2010000126 W 20100204; DE 202010018420 U 20100204; EP 10721923 A 20100204; EP 16165465 A 20100204; US 201013148160 A 20100204