

Title (en)
Mechanical watch movement

Title (de)
Mechanisches Uhrwerk

Title (fr)
Mouvement de montre mécanique

Publication
EP 2063325 A3 20111130 (FR)

Application
EP 08167317 A 20081022

Priority
CH 17952007 A 20071120

Abstract (en)
[origin: EP2063325A2] The movement has a regulating unit provided with a balance (1) and concentric hairsprings (3, 5), where exterior ends (30, 50) of the hairsprings are integrated to the balance. Interior ends of the hairsprings are integrated to a fixed staff (7) of the balance, where the hairsprings are made of silicon or light metal alloy. The balance pivots around the staff integrated to a plate of the movement. Guiding elements are integrated to the balance for ensuring lateral and axial guiding of the balance on the staff.

IPC 8 full level
G04B 17/06 (2006.01); **G04B 17/34** (2006.01)

CPC (source: EP)
G04B 17/063 (2013.01); **G04B 17/066** (2013.01); **G04B 17/34** (2013.01)

Citation (search report)

- [A] US 2007091729 A1 20070426 - TAKAHASHI TAKASHI [JP]
- [A] FR 1438887 A 19660513 - TISSOT HORLOGERIE
- [A] CH 17591 A 18990715 - BELLAK GASPARD [AT]
- [A] GB 831161 A 19600323 - SMITH & SONS LTD S
- [A] US 30247 A 18601002
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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2063325 A2 20090527; **EP 2063325 A3 20111130**; **EP 2063325 B1 20121226**; EP 2485096 A1 20120808

DOCDB simple family (application)
EP 08167317 A 20081022; EP 12165381 A 20081022