

Title (en)  
Mechanical watch movement

Title (de)  
Mechanisches Uhrwerk

Title (fr)  
Mouvement de montre mécanique

Publication  
**EP 2063325 A2 20090527 (FR)**

Application  
**EP 08167317 A 20081022**

Priority  
CH 17952007 A 20071120

Abstract (en)  
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.

Abstract (fr)  
Organe réglant pour mouvement de montre mécanique comportant un balancier (1) et un spiral (3,5). L'extrémité extérieure du spiral (30,50) est solidaire du balancier, et l'extrémité intérieure du spiral est solidaire d'un point fixe (7) du mouvement.

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 (applicant)  
EP 1605322 A2 20051214 - COREDEM S A [CH]

Cited by  
FR2981762A1; FR2984536A1; EP3499318A1; CN102472996A; CH705398A1; AU2010291399B2; EP2154583A1; EP2523053A1; CN104730899A; EP3534222A1; JP2019194567A; US11415941B2; WO2011026725A1; EP2874019A1; US8764282B2; US8845185B1; US8845186B1; JP2013504048A

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