

Title (en)  
Detent escapement

Title (de)  
Chronometerhemmung

Title (fr)  
Échappement à détente

Publication  
**EP 2199875 A3 20110727 (FR)**

Application  
**EP 09405206 A 20091126**

Priority  
• EP 08405306 A 20081216  
• EP 09405029 A 20090216  
• EP 09405206 A 20091126

Abstract (en)  
[origin: EP2199875A2] The escapement has a balance wheel fastened to an impulse element. A detent swing-arm has a stop element (2a) and a disengagement element (2b) for engaging the stop element in a trajectory of teeth of an escape wheel (1). A disengagement finger (11d) rotates with the balance wheel, to come into engagement with the disengagement element. A passage of an inertial member (11) from one position to another position resulting from inertia force acting on the inertial member is formed by variations of speed of the balance wheel in the half-cycle of the oscillation of the balance wheel.

IPC 8 full level  
**G04B 15/06** (2006.01)

CPC (source: EP US)  
**G04B 15/06** (2013.01 - EP US)

Citation (search report)  
• [E] EP 2221677 A1 20100825 - ROLEX SA [CH]  
• [AD] EP 1538490 A1 20050608 - MONTRES BREGUET SA [CH]

Cited by  
CH712052A1; EP3293583A1; WO2017125194A1; WO2018046563A1

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

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2199875 A2 20100623; EP 2199875 A3 20110727; EP 2199875 B1 20140924**; CN 101750953 A 20100623; CN 101750953 B 20120104; JP 2010145396 A 20100701; JP 5406000 B2 20140205; US 2010149926 A1 20100617; US 7927008 B2 20110419

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**EP 09405206 A 20091126**; CN 200910259158 A 20091215; JP 2009281686 A 20091211; US 63526409 A 20091210