

Title (en)
Detent escapement

Title (de)
Chronometerhemmung

Title (fr)
Échappement à détente

Publication
EP 2199875 B1 20140924 (FR)

Application
EP 09405206 A 20091126

Priority
• EP 08405306 A 20081216
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• 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)
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Cited by
CH712052A1; EP3293583A1; WO2017125194A1; WO2018046563A1

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