

Title (en)
Escapement for a watch

Title (de)
Hemmung für eine Uhr

Title (fr)
Echappement pour montre

Publication
EP 1710636 A1 20061011 (FR)

Application
EP 05102703 A 20050406

Priority
EP 05102703 A 20050406

Abstract (en)
The mechanism has a roller (14) mounted on a balance (16) and including a pin (23) and a pallet (24) cooperating with an escape wheel (10). A pallet assembly includes an arm functioning as a balance course limiting unit and another arm functioning as a control unit to accomplish a periodic movement during which the wheel is liberated and provides an impulse to the pallet (24). Periods of the arms correspond to the alternation and oscillation of the balance.

IPC 8 full level
G04B 15/08 (2006.01)

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

Citation (search report)
• [XA] CH 101849 A 19231116 - PELLATON JULES [CH]
• [A] GB 842150 A 19600720 - ZEN ICHI INOTSUME

Cited by
WO2018046563A1; DE202009008527U1; CN102971678A; EP2444860A1; ITRM20090621A1; EP3293583A1; EP2730980A1; CN103809421A; CH710685A1; US8882339B2; US9317015B2; WO2011120180A1; US8579498B2; WO2011064682A1

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 05102703 A 20050406; CH 17242006 A 20060330; EP 06725425 A 20060330; EP 2006061169 W 20060330; US 91086306 A 20060330