

Title (en)

Detent escapement for watches

Title (de)

Chronometerhemmung für Uhren

Title (fr)

Echappement à détente pour pièce d'horlogerie

Publication

EP 1538491 B1 20101110 (FR)

Application

EP 03027929 A 20031204

Priority

EP 03027929 A 20031204

Abstract (en)

[origin: EP1538491A1] The escapement has a jaw (21) that is inserted in a notch (22), when a stable pallet (7) of a blocker (6) disengages from teeth (3) of an escape wheel. The return of the pallet in a rest position is caused by a raising flank (25) of the notch. The flank is inclined in a manner that the jaw is forced to follow and to ascend the flank when a small plate (23) rotates.

IPC 8 full level

G04B 15/06 (2006.01); **G04B 15/14** (2006.01)

CPC (source: EP US)

G04B 15/06 (2013.01 - EP US)

Cited by

WO2018046563A1; CH712052A1; EP3121660A1; EP3293583A1; EP1708047A1; US7494268B2; US7097350B1; WO2017125194A1; EP2450755A1; US8439556B2; EP1801668A1; US7527424B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1538491 A1 20050608; EP 1538491 B1 20101110; AT E487963 T1 20101115; CN 100547502 C 20091007; CN 1624607 A 20050608; DE 60334916 D1 20101223; HK 1073699 A1 20051014; JP 2005164599 A 20050623; JP 4708775 B2 20110622; SG 112956 A1 20050728; US 2005122848 A1 20050609; US 7040803 B2 20060509

DOCDB simple family (application)

EP 03027929 A 20031204; AT 03027929 T 20031204; CN 200410096941 A 20041206; DE 60334916 T 20031204; HK 05106167 A 20050721; JP 2004352953 A 20041206; SG 200407226 A 20041126; US 40404 A 20041201