

Title (en)
Anti-tripping device for timepiece escapement

Title (de)
Vorrichtung zum Galoppschutz für Uhrenhemmung

Title (fr)
Dispositif anti-galop pour échappement d'horlogerie

Publication
EP 1801668 B1 20080305 (FR)

Application
EP 05112521 A 20051220

Priority
EP 05112521 A 20051220

Abstract (en)
[origin: EP1801668A1] The device has a sprung balance (1) and an arbour fitted to the balance which has a pinion (3) meshing for preventing the balance from rotating beyond normal angle of rotation, whatever the direction of rotation. A toothed wheel meshing with the pinion for carrying out several spoke to abut against a fixed stop member (8) such as pin (14) if the balance is driven beyond the normal angle of rotation.

IPC 8 full level
G04B 17/06 (2006.01)

CPC (source: EP US)
G04B 17/26 (2013.01 - EP US)

Cited by
EP2450757A1; EP2450756A1; CN102467072A; US8439556B2; EP2690506A1; US9016934B2; US8556499B2; US8602637B2; WO2014072317A2; US9310771B2; US9317015B2; US9778620B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1801668 A1 20070627; EP 1801668 B1 20080305; AT E388428 T1 20080315; CN 1987686 A 20070627; CN 1987686 B 20100421; DE 602005005209 D1 20080417; DE 602005005209 T2 20090326; HK 1104621 A1 20080118; JP 2007171176 A 20070705; JP 4795218 B2 20111019; SG 133528 A1 20070730; US 2007140066 A1 20070621; US 7527424 B2 20090505

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EP 05112521 A 20051220; AT 05112521 T 20051220; CN 200610168784 A 20061220; DE 602005005209 T 20051220; HK 07109651 A 20070905; JP 2006336611 A 20061214; SG 2006086870 A 20061213; US 61096106 A 20061214