

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 1666990 A3 20100728 (FR)

Application
EP 05020554 A 20050921

Priority
• EP 04023667 A 20041005
• EP 05020554 A 20050921

Abstract (en)
[origin: EP1666990A2] The device has columns (6,7) between which a finger (5) fixed to arm of balance (2), passes when the balance is moving. A locking arm (8) is clamp hooked to outer coil (10) of balance spring (1). The locking arm is inserted between columns and finger to prevent balance from rotating beyond an angle exceeding normal rotational angle.

IPC 8 full level
G04B 17/06 (2006.01); **G04B 43/00** (2006.01)

CPC (source: EP)
G04B 17/26 (2013.01); **G04B 43/002** (2013.01)

Citation (search report)
• [A] AT 225624 B 19630125 - FRICK ALFRED
• [A] US 361850 A 18870426 - STRAIT A VAN
• [A] DE 1206811 B 19651209 - LARS AADNESEN LOEGE

Cited by
RU2616895C2; EP2450757A1; US8556499B2; EP2690506A1; US9016934B2; 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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1666990 A2 20060607; EP 1666990 A3 20100728; EP 1666990 B1 20111228

DOCDB simple family (application)
EP 05020554 A 20050921