

Title (en)
Stopping device during hand-setting of a watch provided with a tourbillon

Title (de)
Arretiervorrichtung bei der Zeigerstellung einer Uhr mit einem Tourbillon

Title (fr)
Dispositif d'arrêt pendant la mise à l'heure d'une montre équipée d'un tourbillon

Publication
EP 1617305 B1 20090121 (FR)

Application
EP 04016411 A 20040713

Priority
EP 04016411 A 20040713

Abstract (en)
[origin: EP1617305A1] The device has levers (14, 15, 16), mounted in a rotary carriage (2) of a tourbillon, in contact with the periphery of a balance (3), for blocking it when action is exerted on one of the levers by a shoe (17). The shoe disposed outside the carriage is controlled by a time-setting stem (26). Outer edges (18, 19, 20) of the levers are placed above pillars (4), so that the shoe acts on the levers without interfering with the pillars.

IPC 8 full level
G04B 17/06 (2006.01); **G04B 17/28** (2006.01); **G04B 27/00** (2006.01)

CPC (source: EP US)
G04B 17/285 (2013.01 - EP US); **G04B 27/004** (2013.01 - EP US)

Cited by
WO2012140112A1; CH717701A1; CH717702A1; DE102006008699B3; CH699029B1; EP2871536A1; CH704783A1; EP4047425A1; EP2793087A1; US8939639B2; EP2246752A1; US8439555B2; EP3770694A1; EP2703912A1; EP2787400A1; US9354608B2; EP3770693A1; EP3770695A1; EP3770696A1

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

DOCDB simple family (publication)
EP 1617305 A1 20060118; EP 1617305 B1 20090121; AT E421719 T1 20090215; CN 1722026 A 20060118; CN 1722026 B 20100505; DE 602004019201 D1 20090312; HK 1082057 A1 20060526; JP 2006030190 A 20060202; JP 4443477 B2 20100331; SG 119350 A1 20060228; US 2006013072 A1 20060119; US 7244062 B2 20070717

DOCDB simple family (application)
EP 04016411 A 20040713; AT 04016411 T 20040713; CN 200510083187 A 20050713; DE 602004019201 T 20040713; HK 06102323 A 20060222; JP 2005202516 A 20050712; SG 200504755 A 20050630; US 17833905 A 20050712