

Title (en)
ANTI-SHOCK COLLET

Title (de)
STOSSDÄMPFERSPIRALROLLE

Title (fr)
VIROLE ANTI-CHOC

Publication
EP 1984794 B1 20091007 (FR)

Application
EP 07704349 A 20070205

Priority

- EP 2007051065 W 20070205
- EP 06002642 A 20060209
- EP 07704349 A 20070205

Abstract (en)
[origin: EP1818736A1] The collet has a plate (1) comprising an opening (3) for the fixation on an axle (5) of a balance of a balance-hairspring adjusting system in a mechanical clock movement, where the collet is formed of glass, quartz or silicon. A securing unit secures a hairspring (7) at a determined junction point of the collet. The collet has an asymmetric contour (9), which follows, from a place to place at a constant distance, the contour of a turn (11) of the curve at the interior. Recesses (13) reposition the center of gravity of the collet or collet-hairspring assembly on the balance axle.

IPC 8 full level
G04B 17/34 (2006.01); **G04B 17/06** (2006.01)

CPC (source: EP KR US)
G04B 17/06 (2013.01 - EP KR US); **G04B 17/345** (2013.01 - EP KR US)

Cited by
EP2018601B1

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 1818736 A1 20070815; AT E445177 T1 20091015; CN 101379445 A 20090304; CN 101379445 B 20100929; DE 602007002695 D1 20091119; EP 1984794 A1 20081029; EP 1984794 B1 20091007; HK 1129468 A1 20091127; JP 2009526215 A 20090716; JP 5243272 B2 20130724; KR 20080092921 A 20081016; TW 200801868 A 20080101; TW I374344 B 20121011; US 2010061192 A1 20100311; US 8047705 B2 20111101; WO 2007090806 A1 20070816

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