

Title (en)
Horological collet

Title (de)
Spiralrolle für Uhrwerk

Title (fr)
Virole d'horlogerie

Publication
EP 1513029 A1 20050309 (FR)

Application
EP 03019944 A 20030902

Priority
EP 03019944 A 20030902

Abstract (en)
The collet has an inner flexible structure (10) that elastically clasps a balance shaft (4). An outer rigid structure (11) is connected to the flexible structure at different attachment points (12a-12c). A spiral spring (2) is attached with the rigid structure at an attachment point (3) that is fixed on the shaft while pressing a collet-spiral assembly. The collet is made up of silicon. An independent claim is also included for a balance-spiral assembly comprising a horological balance and a spiral-collet assembly.

Abstract (fr)
Une virole d'horlogerie (1) comprend une structure flexible (10) apte à serrer élastiquement l'arbre (4) d'un balancier et une structure de rigidification (11) extérieure à la structure flexible (10) et rattachée à cette dernière en au moins un point (12a, 12b, 12c). Un spiral (2) formé d'un seul tenant avec la virole (1) est rattaché à la structure de rigidification (11) en un point (3) qui reste sensiblement fixe lors du chassage de l'ensemble virole-spiral sur l'arbre (4). <IMAGE>

IPC 1-7
G04B 17/32

IPC 8 full level
G04B 17/32 (2006.01)

CPC (source: EP)
G04B 17/32 (2013.01)

Citation (search report)
• [XAY] EP 1302821 A2 20030416 - FRANCK MULLER WATCHLAND SA [CH]
• [Y] EP 0732635 A1 19960918 - SUISSE ELECTRONIQUE MICROTECH [CH]
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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 PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1513029 A1 20050309; EP 1513029 B1 20081015; AT E411550 T1 20081015; AT E514124 T1 20110715; CH 698081 B1 20090515; DE 60324141 D1 20081127; EP 2003523 A1 20081217; EP 2003523 B1 20110622

DOCDB simple family (application)
EP 03019944 A 20030902; AT 03019944 T 20030902; AT 08015682 T 20030902; CH 14262004 A 20040831; DE 60324141 T 20030902; EP 08015682 A 20030902