

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
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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)

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