

Title (en)
Collet for timepieces

Title (de)
Spiralrolle für Uhren

Title (fr)
Virole d'horlogerie

Publication
EP 1637940 B1 20110720 (FR)

Application
EP 05018335 A 20050824

Priority
CH 14262004 A 20040831

Abstract (en)
[origin: EP1637940A2] The collet (1) has a flexible structure (2) elastically locking a rod (3) of a balance. The structure has sides (8) to be in contact with the rod. The sides have variable thickness such that maximum constraint exerted by the rod on the structure is lesser than the elastic limit of a material e.g. silicon, used for fabricating the structure. A rigidifying structure (4) surrounds the structure (2).

IPC 8 full level
G04B 17/34 (2006.01)

CPC (source: EP)
G04B 17/345 (2013.01)

Cited by
CN102537026A; EP1857891A1; RU2760638C2; EP2916177A1; EP1826635A1; US7758237B2; US12019398B2; WO2007132306A3; EP1868045A1; EP3401740A1; KR20210089244A; JP2022511884A; TWI580633B; WO2020126616A1

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 1637940 A2 20060322; EP 1637940 A3 20100804; EP 1637940 B1 20110720; AT E517374 T1 20110815

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EP 05018335 A 20050824; AT 05018335 T 20050824