

Title (en)
Regulating device for a timepiece

Title (de)
Reguliovorrichtung für Uhr

Title (fr)
Dispositif régulateur pour pièce d'horlogerie

Publication
EP 1780611 B1 20120905 (FR)

Application
EP 06021172 A 20061010

Priority
CH 17112005 A 20051025

Abstract (en)
[origin: EP1780611A2] The device has a balance (1), and a hairspring (2) mounted on an axis of the balance. The hairspring is connected to a collet (3) through its inner end (4) and to a balance-spring stud (5) through an outer end (6). A clip (7) integrated to the stud receives and locks the outer end of the hairspring for fixing the outer end to the stud. The clip has two jaws extending along a longitudinal direction of the outer end of the hairspring, where one jaw is elastically deformable. Independent claims are also included for the following: (1) a clockwork comprising a regulating device (2) a hairspring for a regulating device.

IPC 8 full level
G04B 17/32 (2006.01); **G04B 17/06** (2006.01)

CPC (source: EP)
G04B 17/066 (2013.01); **G04B 17/325** (2013.01)

Cited by
CN103376728A; EP2570871A1; CN102998961A; WO2017191533A1; US8979359B2; WO2017163148A1; US11249440B2; EP4006648A1; JP2022085867A; EP4394523A1; EP3913441A1

Designated contracting state (EPC)
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EP 06021172 A 20061010; CH 17112005 A 20051025; HK 07105734 A 20070530