

Title (en)

Clock barrel assembly with reduced core diameter

Title (de)

Uhren-Federgehäuse mit reduziertem Durchmesser des Bundes

Title (fr)

Ensemble barillet d'horlogerie à diamètre de bonde réduit

Publication

EP 2570863 B1 20171108 (FR)

Application

EP 11181353 A 20110915

Priority

EP 11181353 A 20110915

Abstract (en)

[origin: EP2570863A1] The assembly (1) has a driving spring (2) mounted between a drum (3) and a reception surface (5) of a core (4). Maximum radius of the core with respect to a pivoting axis (D) is less than ten times the maximum thickness of the spring. An arbor (18) comprises a ratchet holder (81) placed between an end shoulder (85) and a bearing (84), and provided with another bearing to drive a ratchet (12). The ratchet holder directly or indirectly limits the play of the drum relative to a bearing surface of the core that borders the reception surface. An independent claim is also included for a movement.

IPC 8 full level

G04B 1/14 (2006.01); **G04B 1/16** (2006.01)

CPC (source: EP US)

G04B 1/145 (2013.01 - US); **G04B 1/16** (2013.01 - EP US); **G04B 1/165** (2013.01 - US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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