

Title (en)

Timepiece barrel

Title (de)

Federgehäuse einer Uhr

Title (fr)

Barillet d'horlogerie

Publication

EP 2746867 B1 20151216 (FR)

Application

EP 12197745 A 20121218

Priority

EP 12197745 A 20121218

Abstract (en)

[origin: EP2746867A1] The barrel (1) has a spring (7) accommodated between a drum (6) and a cover (8) and attached between the drum at its outer end and a shaft (3) at its inner end. The shaft is secured to pivot with a ratchet (2) around a pivot axis. A single-piece subset (10) is coaxial to the shaft and regroups the ratchet or/and a core (4). The core is provided with a flange (17) for limiting an axial clearance of the drum. The flange carries a driving unit (42) for freely and pivotingly driving the ratchet in axial manner according to the direction of the pivot axis. An independent claim is also included for a clockwork movement.

IPC 8 full level

G04B 1/14 (2006.01); **G04B 1/16** (2006.01); **G04B 1/18** (2006.01)

CPC (source: EP US)

G04B 1/145 (2013.01 - EP US); **G04B 1/16** (2013.01 - EP US); **G04B 1/18** (2013.01 - US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 12197745 A 20121218; CN 201380050570 A 20131021; EP 2013071918 W 20131021; HK 15111136 A 20151111; JP 2015532475 A 20131021; US 201314419573 A 20131021