

Title (en)

Timepiece barrel

Title (de)

Federgehäuse einer Uhr

Title (fr)

Barillet d'horlogerie

Publication

EP 2746865 B1 20160302 (FR)

Application

EP 12197741 A 20121218

Priority

EP 12197741 A 20121218

Abstract (en)

[origin: EP2746865A1] 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 the shaft around a core (4). The single-piece subset is pivoted at upper bearing surface (13) in a hole (51) of the bridge or of a stone (52) comprising the bridge. The stone includes an upper shoulder (11) whose race is limited by a lower surface of the bridge or stone.

IPC 8 full level

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

CPC (source: EP RU US)

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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2746865 A1 20140625; **EP 2746865 B1 20160302**; CN 104871094 A 20150826; CN 104871094 B 20171013; HK 1213644 A1 20160708; JP 2016512596 A 20160428; JP 5960923 B2 20160802; RU 2015129573 A 20170123; RU 2629155 C2 20170824; US 2015253731 A1 20150910; US 9367037 B2 20160614; WO 2014095125 A1 20140626

DOCDB simple family (application)

EP 12197741 A 20121218; CN 201380066012 A 20131021; EP 2013071988 W 20131021; HK 16101508 A 20160211; JP 2015537294 A 20131021; RU 2015129573 A 20131021; US 201314428079 A 20131021