

Title (en)
Clock barrel

Title (de)
Federgehäuse einer Uhr

Title (fr)
Barillet d'horlogerie

Publication
EP 2746868 B1 20160427 (FR)

Application
EP 12197746 A 20121218

Priority
EP 12197746 A 20121218

Abstract (en)
[origin: EP2746868A1] 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. The shaft comprises, around a cylindrical barrel (31) along the pivot axis, a projecting hook (32) for fixing the spring. The shaft includes a prominent or re-entrant driving unit (42) cooperating with a complementary driving unit (23) for pivotingly driving the ratchet. 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 - EP US); **G04B 1/14** (2013.01 - US)

Cited by
EP2963504A1; EP3067756A1; US9897973B2; US9285772B2

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 2746868 A1 20140625; EP 2746868 B1 20160427; CN 104885021 A 20150902; CN 104885021 B 20170412; EP 2936253 A1 20151028; EP 2936253 B1 20171129; HK 1214374 A1 20160722; JP 2015537225 A 20151224; JP 6027693 B2 20161116; US 2015309475 A1 20151029; US 9291999 B2 20160322; WO 2014095126 A1 20140626

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EP 12197746 A 20121218; CN 201380066191 A 20131021; EP 13779838 A 20131021; EP 2013071989 W 20131021; HK 16102157 A 20160225; JP 2015546908 A 20131021; US 201314653484 A 20131021