Title (en)
Frame for a clockwork

Title (de)
Kassette für Uhrwerksmechanismus

Title (fr)
Cassette de mécanisme d'horlogerie

Publication
EP 2790066 A3 20160615 (FR)

Application
EP 14157644 A 20140304

Priority
- EP 13160024 A 20130319
- EP 14157644 A 20140304

Abstract (en)
[origin: EP2781965A1] The cassette (1) has a bearing surface for positioning the cassette in movement, a bottom plate (2) and an upper bridge (3). The bottom plate or the upper bridge is designed in a rigid manner. Functional elements are arranged between the bottom plate and the upper bridge and moved relative to each other, where the functional elements comprise elastic return units (7). One of the functional elements is pivoted or moved between the bottom plate and the upper bridge, where the bottom plate and/or the upper bridge forms an inseparable single-piece component (20) with the functional element.

IPC 8 full level
G04B 15/00 (2006.01); **G04B 29/00** (2006.01); **G04B 31/00** (2006.01)

CPC (source: EP KR US)
G04B 1/10 (2013.01 - KR); **G04B 15/00** (2013.01 - EP US); **G04B 15/14** (2013.01 - EP US); **G04B 17/00** (2013.01 - KR); **G04B 17/32** (2013.01 - EP US); **G04B 29/00** (2013.01 - EP US); **G04B 29/02** (2013.01 - EP US); **G04B 29/022** (2013.01 - EP US); **G04B 29/027** (2013.01 - EP US); **G04B 29/04** (2013.01 - EP US); **G04B 31/00** (2013.01 - EP US); **G04B 31/02** (2013.01 - EP US); **G04B 35/00** (2013.01 - EP US); G04B 15/08 (2013.01 - EP US); G04B 17/04 (2013.01 - EP US); G04B 18/04 (2013.01 - EP US)

Citation (search report)
- [A] US 580046 A 18970406
- [A] FR 1047190 A 19531211
- [A] CH 338779 A 19590531 - HENRY SANDOZ & FILS [CH]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2781965 A1 20140924; **EP 2781965 B1 20171115**; CH 707808 A2 20140930; CH 707808 B1 20170515; CN 104062880 A 20140924; CN 104062880 B 20170707; CN 104062881 A 20140924; CN 104062881 B 20170707; EP 2790066 A2 20141015; EP 2790066 A3 20160615; EP 2790066 B1 20171115; HK 1202650 A1 20151002; HK 1202651 A1 20151002; JP 2014182151 A 20140929; JP 2014182152 A 20140929; JP 5732568 B2 20150610; JP 5732569 B2 20150610; KR 101545441 B1 20150818; KR 101545442 B1 20150818; KR 20140114780 A 20140929; KR 20140114781 A 20140929; TW 201447518 A 20141216; TW 201502729 A 20150116; TW I620042 B 20180401; TW I620043 B 20180401; US 2014286141 A1 20140925; US 2014286142 A1 20140925; US 9122245 B2 20150901; US 9195218 B2 20151124

DOCDB simple family (application)
EP 13160024 A 20130319; CH 6272013 A 20130319; CN 201410101846 A 20140319; CN 201410101847 A 20140319; EP 14157644 A 20140304; HK 15102945 A 20150323; HK 15102946 A 20150323; JP 2014056007 A 20140319; JP 2014056008 A 20140319; KR 20140031459 A 20140318; KR 20140031460 A 20140318; TW 103108661 A 20140312; TW 103108662 A 20140312; US 201414218026 A 20140318; US 201414218052 A 20140318