

Title (en)  
Modular clock assembly with functional modules

Title (de)  
Uhrmoduleinheit mit funktionellen Modulen

Title (fr)  
Ensemble modulaire d'horlogerie à modules fonctionnels

Publication  
**EP 2605087 B1 20170726 (FR)**

Application  
**EP 11193173 A 20111213**

Priority  
EP 11193173 A 20111213

Abstract (en)  
[origin: EP2605087A1] The functional timepiece module (1) has a sub-assembly which is provided with the rigid bridge (2) carrying components. A pre-adjusted module is derived from the transformation of the sub-assembly by the irreversible securing of the adjustment and assembly components. A locating unit (6) recognizes and positions the functional module relative to another element of a mechanical modular unit (100) or a plate by the abutment of a main bearing surface (5) on a complementary bearing surface comprised in other element or plate. Independent claims are included for the following: (1) a mechanical modular unit; and (2) a method for assembling mechanical modular unit.

IPC 8 full level  
**G04D 3/00** (2006.01); **G04B 1/00** (2006.01); **G04B 5/00** (2006.01); **G04B 13/00** (2006.01); **G04B 19/00** (2006.01); **G04B 27/00** (2006.01); **G04B 29/04** (2006.01); **G04B 33/00** (2006.01)

CPC (source: EP KR RU US)  
**G04B 1/00** (2013.01 - EP RU US); **G04B 5/00** (2013.01 - EP US); **G04B 13/00** (2013.01 - EP RU US); **G04B 19/00** (2013.01 - EP RU US); **G04B 27/00** (2013.01 - EP RU US); **G04B 29/00** (2013.01 - RU US); **G04B 29/04** (2013.01 - EP US); **G04B 33/00** (2013.01 - EP US); **G04D 3/00** (2013.01 - EP US); **G04D 7/00** (2013.01 - KR); **Y10S 901/47** (2013.01 - EP US); **Y10T 29/49579** (2015.01 - EP US)

Citation (examination)  
EP 2085833 A1 20090805 - CT TIME S A [CH]

Cited by  
US9235191B2; US8961003B2; US9217992B2; US9551976B2; US9122245B2; US9195218B2; EP2790070A2; EP2790066A2

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 2605087 A1 20130619**; **EP 2605087 B1 20170726**; CN 103163772 A 20130619; CN 103163772 B 20150715; HK 1186531 A1 20140314; JP 2013125032 A 20130624; JP 2014142358 A 20140807; JP 2014142359 A 20140807; JP 5551230 B2 20140716; JP 6185875 B2 20170823; JP 6196578 B2 20170913; KR 101435725 B1 20140901; KR 20130067230 A 20130621; RU 2012153748 A 20140620; RU 2603576 C2 20161127; US 2013148481 A1 20130613; US 2015177699 A1 20150625; US 9081369 B1 20150714; US 9274504 B2 20160301

DOCDB simple family (application)  
**EP 11193173 A 20111213**; CN 201210541530 A 20121213; HK 13113955 A 20131216; JP 2012272082 A 20121213; JP 2014079985 A 20140409; JP 2014079987 A 20140409; KR 20120144033 A 20121212; RU 2012153748 A 20121212; US 201213711125 A 20121211; US 201514634260 A 20150227