

Title (en)

Device for positioning a bridge on a bearing plate

Title (de)

Vorrichtung zum Positionieren einer Brückenschaltung auf einer Platine

Title (fr)

Dispositif de positionnement d'un pont sur une platine

Publication

EP 2458454 B1 20180502 (FR)

Application

EP 10192498 A 20101125

Priority

EP 10192498 A 20101125

Abstract (en)

[origin: EP2458454A1] The device has female areas of support (5) that is spaced equidistantly about linear axis. A ribbed female centring housing (4) is arranged to receive smooth centring pin (6) fixed to bridge (2), and abutted on female areas of support. A smooth female arrangement is arranged to receive ribbed centring pin, and abutted on male areas of support. An alignment housing (8) with parallel faces (9,10) is aligned on female arrangement in direction relative to directional axis of centring housing. Independent claims are included for the following: (1) timepiece; and (2) method of assembling bridge on plate using centring and alignment device.

IPC 8 full level

G04B 29/04 (2006.01)

CPC (source: EP US)

G04B 29/04 (2013.01 - EP US); **Y10T 29/49579** (2015.01 - US); **Y10T 29/53022** (2015.01 - US)

Citation (examination)

- EP 1850193 A1 20071031 - PATEK PHILIPPE SA [CH]
- FR 1590572 A 19700420
- JP 2005291977 A 20051020 - CALSONIC KANSEI CORP
- DE 2034993 A1 19720120 - PRECISION INDUSTRIES

Cited by

EP2458455A3; CN103573761A; EP2977833A1; US9863454B2; US9618026B2; US9758110B2; US9669774B2; US9812684B2; WO2012069309A3

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 2458454 A1 20120530; EP 2458454 B1 20180502; CN 102540855 A 20120704; CN 102540855 B 20150819; EP 2458455 A2 20120530; EP 2458455 A3 20120808; HK 1172956 A1 20130503; JP 2012112965 A 20120614; JP 5559132 B2 20140723; RU 2011147951 A 20130527; RU 2594870 C2 20160820; US 2012134242 A1 20120531; US 8619504 B2 20131231; WO 2012069309 A2 20120531; WO 2012069309 A3 20120823; WO 2012069309 A4 20121018

DOCDB simple family (application)

EP 10192498 A 20101125; CN 201110380487 A 20111125; EP 11188186 A 20111108; EP 2011069609 W 20111108; HK 13100060 A 20130103; JP 2011257243 A 20111125; RU 2011147951 A 20111124; US 201113302037 A 20111122