

Title (en)

ELASTIC HOLDING MEMBER FOR FIXING A TIMEPIECE COMPONENT ON A SUPPORT ELEMENT

Title (de)

ELASTISCHES HALTERUNGSORGAN FÜR DIE BEFESTIGUNG EINER UHRENKOMPONENTE AUF EINEM HALTEELEMENT

Title (fr)

ORGANE DE MAINTIEN ÉLASTIQUE POUR LA FIXATION D'UN COMPOSANT D'HORLOGERIE SUR UN ÉLÉMENT DE SUPPORT

Publication

**EP 3627234 A1 20200325 (FR)**

Application

**EP 18196009 A 20180921**

Priority

EP 18196009 A 20180921

Abstract (en)

[origin: WO2020057944A1] The invention relates to an elastic retaining member (1) for attaching a timepiece component (2) to a support element (3), comprising an opening (5) into which said support element (3) can be inserted, the retaining member (1) comprising rigid arms (6) and elastic arms (7) defined between connecting zones (9), helping to ensure elastic clamping of the support element (3) in the opening (5), and each rigid arm (6) being provided with two flat contact zones (8) of the retaining member (1), which can interact with corresponding convex contact portions (10) of the support element (3).

Abstract (fr)

L'invention concerne un organe de maintien élastique (1) pour la fixation d'un composant d'horlogerie (2) sur un élément de support (3), comprenant une ouverture (5) dans laquelle est susceptible d'être inséré ledit élément de support (3), l'organe de maintien (1) comprenant des bras rigides (6) et des bras élastiques (7) contribuant à assurer un serrage élastique de l'élément de support (3) dans l'ouverture (5) chaque bras rigide (6) étant pourvu de deux zones de contact (8) plates de l'organe de maintien (1) aptes à coopérer avec des portions de contact (10) convexes correspondantes de l'élément de support (3).

IPC 8 full level

**G04B 13/02** (2006.01); **G04B 17/32** (2006.01); **G04B 17/34** (2006.01)

CPC (source: EP US)

**G04B 13/022** (2013.01 - US); **G04B 17/32** (2013.01 - EP); **G04B 17/345** (2013.01 - EP US)

Citation (search report)

- [X] WO 2013045706 A2 20130404 - ROLEX SA [CH]
- [A] EP 2755093 A2 20140716 - MASTER DYNAMIC LTD [CN]
- [A] WO 2011116486 A1 20110929 - ROLEX SA [CH], et al

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 3627234 A1 20200325**; CN 112740115 A 20210430; CN 112740115 B 20220614; EP 3853671 A1 20210728; EP 3853671 B1 20220803; JP 2022500639 A 20220104; JP 7084549 B2 20220614; US 11921461 B2 20240305; US 2021325829 A1 20211021; WO 2020057944 A1 20200326

DOCDB simple family (application)

**EP 18196009 A 20180921**; CN 201980061795 A 20190830; EP 19759404 A 20190830; EP 2019073236 W 20190830; JP 2021513843 A 20190830; US 201917273834 A 20190830