

Title (en)

Flexible clock guide

Title (de)

Biegsamer Führungsdraht für Uhrwerke

Title (fr)

Guidage flexible horloger

Publication

EP 2975470 B1 20170510 (FR)

Application

EP 14176919 A 20140714

Priority

- EP 14176919 A 20140714
- CH 10632014 A 20140714

Abstract (en)

[origin: US2016011567A1] Device for elastic guidance in rotation for a timepiece mechanism allowing rotation of one element relative to another element about an axis of rotation Z defining an axial direction, comprising construction blades (4a, 4b), each construction blade comprises an assembly fixing part (6) comprising a body (3a, 3b) and a functional part (10) extending from the body as far as one end (8), the assembly fixing part and the functional part being separated by at least one slot (12) in at least two extensions (17) which are elastically connected and extend in a radial direction (X, Y) transverse to the axial direction, and anchorage zones (9, 11) which are disposed at opposite axial ends of the flexible guidance device, and configured to be fixed to said elements.

IPC 8 full level

G04B 17/04 (2006.01); **G04B 31/06** (2006.01)

CPC (source: EP RU US)

G04B 15/14 (2013.01 - EP US); **G04B 17/00** (2013.01 - US); **G04B 17/04** (2013.01 - EP RU US); **G04B 17/045** (2013.01 - EP RU US); **G04B 17/08** (2013.01 - US); **G04B 17/10** (2013.01 - US); **G04B 29/04** (2013.01 - RU US); **G04B 31/06** (2013.01 - EP RU US); **Y10T 29/4957** (2015.01 - EP US)

Cited by

EP3382470A1; CN109254517A; EP3667432A1; CN111324027A; US11520291B2; US11520292B2

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)

US 2016011567 A1 20160114; **US 9541902 B2 20170110**; CH 709880 A2 20160115; CN 105278310 A 20160127; CN 105278310 B 20171121; EP 2975470 A1 20160120; EP 2975470 B1 20170510; JP 2016020905 A 20160204; JP 5982540 B2 20160831; RU 2603570 C1 20161127

DOCDB simple family (application)

US 201514796297 A 20150710; CH 10632014 A 20140714; CN 201510408814 A 20150713; EP 14176919 A 20140714; JP 2015136644 A 20150708; RU 2015128251 A 20150713