Title (en)

FLEXIBLE RESILIENT HAND

Title (de)

FLEXIBLE ELASTISCHE ZEIGER

Title (fr)

AIGULLE ELASTIQUE FLEXIBLE

Publication

EP 3159751 B1 20181003 (FR)

Application

EP 16198896 A 20131018

Priority

- EP 16198896 A 20131018
- EP 13189231 A 20131018

Abstract (en)

[origin: JP2015078983A] PROBLEM TO BE SOLVED: To provide a reliable and extremely robust indicator with a radial extension which is variable according to the position and control of the indicator.SOLUTION: A resilient timepiece hand 1 including a first drive pipe 2 integral with a flexible strip 3 is a single-piece component. The flexible strip 3 has a first segment between the first drive pipe 2 and a first tip 6, and the first tip 6 is located at a distance variable according to stress applied to the flexible strip 3, from the first drive pipe 2. A timepiece display mechanism includes a first drive pinion for driving the first drive pipe 2 of the resilient timepiece hand 1 about a pivot axis D, and a second pinion or a cam for applying stress to the resilient timepiece hand 1 to vary the position of at least one tip 6 of the resilient timepiece hand 1 with respect to the pivot axis D.

IPC 8 full level

G04B 19/04 (2006.01)

CPC (source: CH EP KR US)

G04B 1/02 (2013.01 - KR); **G04B 19/02** (2013.01 - CH); **G04B 19/04** (2013.01 - KR); **G04B 19/042** (2013.01 - CH EP US); **G04B 19/046** (2013.01 - EP US); **G04B 19/048** (2013.01 - CH EP US); **G04B 45/0061** (2013.01 - CH EP US); G04B 19/02 (2013.01 - EP US); G04B 45/00 (2013.01 - EP US)

Cited by

EP4276544A1; EP3605244A1; EP3605243A1; WO2020025424A1; WO2020025423A1; WO2020025428A1; EP3764168A1; EP3764170A1; US11841685B2

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 2863274 A1 20150422; **EP 2863274 B1 20170315**; CH 708731 A2 20150430; CH 708731 B1 20171215; CN 104570687 A 20150429; CN 104570687 B 20170412; EP 3159751 A1 20170426; EP 3159751 B1 20181003; HK 1210282 A1 20160415; JP 2015078983 A 20150423; JP 5872661 B2 20160301; KR 101635867 B1 20160720; KR 101778450 B1 20170913; KR 20150045374 A 20150428; KR 20160084336 A 20160713; TW 201527909 A 20150716; TW I639067 B 20181021; US 2015109891 A1 20150423; US 9075392 B2 20150707

DOCDB simple family (application)

EP 13189231 A 20131018; CH 17802013 A 20131018; CN 201410554899 A 20141017; EP 16198896 A 20131018; HK 15110665 A 20151028; JP 2014210480 A 20141015; KR 20140139868 A 20141016; KR 20160080638 A 20160628; TW 103134032 A 20140930; US 201414501246 A 20140930