

Title (en)
Flexible resilient hand

Title (de)
Flexible elastische Zeiger

Title (fr)
Aiguille élastique flexible

Publication
EP 2863274 A1 20150422 (FR)

Application
EP 13189231 A 20131018

Priority
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.

Abstract (fr)
Aiguille élastique (1) d'horlogerie, comportant un premier canon (2) d'entraînement solidaire d'une lame flexible (3). Cette aiguille élastique (1) est monobloc et ladite lame flexible (3) comporte au moins un premier segment (5) flexible entre ledit premier canon (2) et un premier sommet (6), ledit premier sommet (6) étant à une distance variable dudit premier canon (2) en fonction d'efforts appliqués à ladite lame flexible (3). Mécanisme d'affichage (10) d'horlogerie comportant une telle aiguille élastique (1) Il comporte des premiers moyens d'entraînement (11) dudit premier canon (2) de ladite aiguille élastique (1) autour d'un axe de pivotement (D), et des seconds moyens (12) de mise sous contrainte de ladite aiguille élastique (1) pour faire varier la position d'au moins un dit sommet (6) de ladite aiguille élastique (1) par rapport audit axe de pivotement (D). Montre (30) comportant un tel mécanisme d'affichage (10).

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)

Citation (search report)
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• [X] JP S62104115 U 19870702 - MATSUMOTO SEIKI CO LTD [JP]
• [A] FR 2868556 A1 20051007 - CRABBE JEAN PAUL [FR], et al
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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 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