

Title (en)  
Arbor of a pivotable clock mobile

Title (de)  
Welle eines drehbaren Elements für Uhrwerk

Title (fr)  
Arbre de mobile pivotant d'horlogerie

Publication  
**EP 2784601 A1 20141001 (FR)**

Application  
**EP 13161124 A 20130326**

Priority  
EP 13161124 A 20130326

Abstract (en)  
The shaft (1) has a set of aligned parts, where the shaft is arranged in a magnetically inhomogeneous manner, and is provided with a variation of intrinsic magnetic properties according to an axial direction of a fulcrum pin (D) of the shaft or in a radial manner with regard to the fulcrum pin or according to the axial direction and in the radial manner with regard to the fulcrum pin at the same time. A median part is surrounded on both sides of the shaft by two end zones according to the direction of the pin. An independent claim is also included for a clock element.

Abstract (fr)  
Arbre (1) de mobile pivotant (10) d'horlogerie, ledit arbre (1) étant réalisé en une ou plusieurs parties (2) alignées. Ledit arbre (1) est magnétiquement inhomogène.

IPC 8 full level  
**G04B 15/14** (2006.01); **G04B 17/32** (2006.01)

CPC (source: CH EP US)  
**G04B 1/16** (2013.01 - US); **G04B 13/02** (2013.01 - EP US); **G04B 13/026** (2024.01 - CH); **G04B 15/14** (2013.01 - CH EP US); **G04B 17/06** (2013.01 - EP US); **G04B 17/32** (2013.01 - CH EP US); **G04B 43/00** (2013.01 - CH EP US); **G04C 3/042** (2013.01 - EP US); **G04C 5/00** (2013.01 - EP US)

Citation (search report)

- [X] WO 2008008258 A2 20080117 - RAM TECHNOLOGIES GROUP INC [US], et al
- [X] US 3683616 A 19720815 - STEINEMANN SAMUEL, et al
- [E] CH 705655 A2 20130430 - ROLEX SA [CH]
- [A] WO 0177759 A1 20011018 - DETRA 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 2784601 A1 20141001**; **EP 2784601 B1 20170913**; CH 707790 A2 20140930; CH 707790 B1 20171215; CN 105103057 A 20151125; CN 105103057 B 20180413; EP 2979139 A2 20160203; EP 2979139 B1 20180509; HK 1217776 A1 20170120; JP 2016514834 A 20160523; JP 6315727 B2 20180425; US 2016085213 A1 20160324; US 9915923 B2 20180313; WO 2014154510 A2 20141002; WO 2014154510 A3 20141231; WO 2014154510 A4 20150129; WO 2014154510 A9 20150305

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**EP 13161124 A 20130326**; CH 6642013 A 20130326; CN 201480018533 A 20140317; EP 14710311 A 20140317; EP 2014055267 W 20140317; HK 16105845 A 20160523; JP 2016504560 A 20140317; US 201414779773 A 20140317