

Title (en)
PART FOR CLOCK MOVEMENT

Title (de)
BAUTEIL FÜR UHRWERK

Title (fr)
PIÈCE POUR MOUVEMENT D'HORLOGERIE

Publication
EP 3339968 A1 20180627 (FR)

Application
EP 16205455 A 20161220

Priority
EP 16205455 A 20161220

Abstract (en)
[origin: US2018173165A1] A pivot arbor for a timepiece movement including at least one pivot made of a non-magnetic metal material at at least one of its ends in order to limit its sensitivity to magnetic fields. The non-magnetic metal material is a non-magnetic light metal or a non-magnetic alloy of the light metal, and at least the external surface of the pivot is coated with an anodic oxide layer of the material, obtained by anodic growth.

Abstract (fr)
L'invention se rapporte à un axe de pivotement pour mouvement horloger comportant au moins un pivot (3) en un matériau métallique amagnétique (4) à au moins une de ses extrémités afin de limiter sa sensibilité aux champs magnétiques. Ledit matériau métallique amagnétique (4) est un métal léger amagnétique ou un alliage amagnétique dudit métal léger, et au moins la surface externe dudit pivot (3) est recouverte d'une couche anodique d'oxyde dudit matériau (5), obtenue par croissance par anodisation. L'invention concerne le domaine des mouvements d'horlogerie.

IPC 8 full level
G04B 13/02 (2006.01); **G04B 1/16** (2006.01); **G04B 15/14** (2006.01); **G04B 17/32** (2006.01); **G04B 43/00** (2006.01)

CPC (source: CN EP RU US)
G04B 1/16 (2013.01 - CN EP RU US); **G04B 13/02** (2013.01 - CN EP RU US); **G04B 13/026** (2024.01 - CN);
G04B 15/14 (2013.01 - CN EP RU US); **G04B 17/32** (2013.01 - EP RU US); **G04B 31/012** (2013.01 - US); **G04B 43/007** (2013.01 - EP US)

Citation (applicant)
EP 2757423 A1 20140723 - OMEGA SA [CH]

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• [A] CH 707504 A2 20140731 - OMEGA SA [CH]
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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 3339968 A1 20180627; CN 108205249 A 20180626; HK 1256197 A1 20190913; JP 2018100960 A 20180628; JP 6644759 B2 20200212; RU 2017144413 A 20190619; RU 2017144413 A3 20210705; RU 2766515 C2 20220315; US 10635050 B2 20200428; US 2018173165 A1 20180621

DOCDB simple family (application)
EP 16205455 A 20161220; CN 201711372696 A 20171219; HK 18115293 A 20181129; JP 2017237460 A 20171212; RU 2017144413 A 20171219; US 201715834635 A 20171207