

Title (en)
Bi-material shockproof system for a clock piece

Title (de)
Stoßsicheres System aus zwei verschiedenen Materialien für Uhr

Title (fr)
Système antichoc bi-matiere pour piece d'horlogerie

Publication
EP 2884348 A1 20150617 (FR)

Application
EP 13196736 A 20131211

Priority
EP 13196736 A 20131211

Abstract (en)
[origin: WO2015086472A2] The invention concerns a shock-absorbing bearing for a staff (120) of a mobile of a timepiece, said staff comprising a rod (121), said bearing comprising a support (102, 103) provided with a recess intended for receiving a suspended pivoting means (126, 126'), said pivoting means (126, 126') being arranged to at least partly absorb the shocks suffered by the mobile of the timepiece.

Abstract (fr)
Palier amortisseur de chocs pour un axe (120) d'un mobile d'une pièce d'horlogerie, ledit axe comprenant un tigeon (121), ledit palier comportant un support (102, 103) pourvu d'un logement prévu pour recevoir un moyen de pivotement (126, 126') suspendu, ledit moyen de pivotement (126, 126') est agencé pour absorber, au moins en partie, les chocs subis par le mobile de pièce d'horlogerie

IPC 8 full level
G04B 31/016 (2006.01); **G04B 31/06** (2006.01)

CPC (source: CH CN EP US)
G04B 31/016 (2013.01 - CN EP US); **G04B 31/02** (2013.01 - CH EP US); **G04B 31/06** (2013.01 - CH CN EP US)

Citation (applicant)
EP 2142965 A2 20100113 - ETA SA MFT HORLOGERE SUISSE [CH]

Citation (search report)
• [XYI] EP 2605086 A1 20130619 - ETA SA MFT HORLOGERE SUISSE [CH]
• [YA] CH 705907 A2 20130628 - ETA SA MFT HORLOGERE SUISSE [CH]
• [A] CH 311292 A 19551130 - SCHILD SA A [CH]
• [A] WO 2011161139 A1 20111229 - SWATCH GROUP RES & DEV LTD [CH], et al
• [AD] EP 2142965 A2 20100113 - ETA SA MFT HORLOGERE SUISSE [CH]

Cited by
TWI786075B

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

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BA ME

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EP 2884348 A1 20150617; CH 708936 A2 20150615; CH 708936 B1 20190731; CN 105814496 A 20160727; CN 105814496 B 20191101; EP 3080666 A2 20161019; EP 3080666 B1 20180905; JP 2016540217 A 20161222; JP 6147437 B2 20170614; US 10012955 B2 20180703; US 2016306326 A1 20161020; WO 2015086472 A2 20150618; WO 2015086472 A3 20150806

DOCDB simple family (application)
EP 13196736 A 20131211; CH 20542013 A 20131211; CN 201480067082 A 20141205; EP 14811820 A 20141205; EP 2014076783 W 20141205; JP 2016537496 A 20141205; US 201415102104 A 20141205