

Title (en)
SHOCK-ABSORBER BEARING FOR A SHAFT OF A TIMEPIECE ROTATING COMPONENT

Title (de)
STOSSDÄMPFER-GLEITLAGER FÜR EINE ACHSE EINER DREHTEIL EINER UHR

Title (fr)
PALIER AMORTISSEUR DE CHOC POUR UN AXE D'UN MOBILE D'UNE PIÈCE D'HORLOGERIE

Publication
EP 3422117 B1 20200527 (FR)

Application
EP 17178829 A 20170629

Priority
EP 17178829 A 20170629

Abstract (en)
[origin: US2019004480A1] A shock absorber bearing for an arbor of a timepiece wheel set, particularly for a balance staff. The bearing includes a bearing assembly including a housing, a bearing support arranged inside the housing and including an external centring wall, a pivot bearing mounted on the bearing support for receiving a pivot of a wheel set arbor and an elastic support arrangement for the wheel set arbor pivot. The shock absorber bearing further includes a device for recentring play. This device for recentring play includes, on the one hand, a first part including a centring element having an internal centring wall in which is arranged the external centring wall of the bearing support, and on the other hand, a second part resting on the bearing assembly and arranged to have a return effect on the first part.

IPC 8 full level
G04B 31/008 (2006.01); **G04B 31/04** (2006.01)

CPC (source: CN EP RU US)
G04B 31/0087 (2013.01 - EP US); **G04B 31/02** (2013.01 - CN US); **G04B 31/04** (2013.01 - EP US); **G04B 37/00** (2013.01 - RU)

Citation (examination)
• EP 3291027 A1 20180307 - MONTRES BREGUET SA [CH]
• EP 2469357 A1 20120627 - SWATCH GROUP RES & DEV LTD [CH]

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)
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EP 17178829 A 20170629; CN 201810686914 A 20180628; JP 2018104398 A 20180531; RU 2018121493 A 20180613; US 201815997767 A 20180605