

Title (en)
BAYONET SHOCK ABSORBER

Title (de)
BAJONETTSTOSSDÄMPFER

Title (fr)
AMORTISSEUR DE CHOC A BAIONETTE

Publication
EP 3004992 A1 20160413 (FR)

Application
EP 14725199 A 20140521

Priority
• EP 13169101 A 20130524
• EP 2014060441 W 20140521
• EP 14725199 A 20140521

Abstract (en)
[origin: WO2014187858A1] The present invention concerns a shock absorbing device (100) for a shaft of an element of a timepiece comprising a support (110) comprising a bottom cup (111) topped by a peripheral rim (112) delimited, opposite said cup, by a top surface (113), said cup and said rim together defining a housing (114), the device further comprising a pivot system (120) extending along an axis (D), said pivot system being arranged in said housing and formed from a base (121) comprising elastic return means (123) at the periphery of same and formed by at least one curved arm (124), and having an opening (121a) into which a pivot element (122) capable of cooperating with said shaft is inserted. Said at least one curved arm is used for bayonet locking the pivot system.

IPC 8 full level
G04B 31/04 (2006.01); **G04B 31/02** (2006.01)

CPC (source: EP US)
G04B 31/02 (2013.01 - EP US); **G04B 31/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2014187858A1

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 2806314 A1 20141126; CN 105247420 A 20160113; CN 105247420 B 20190212; EP 3004992 A1 20160413; HK 1216673 A1 20161125; JP 2016520197 A 20160711; JP 2017173341 A 20170928; JP 6190521 B2 20170830; JP 6388687 B2 20180912; US 2016124389 A1 20160505; US 9733621 B2 20170815; WO 2014187858 A1 20141127

DOCDB simple family (application)
EP 13169101 A 20130524; CN 201480029841 A 20140521; EP 14725199 A 20140521; EP 2014060441 W 20140521; HK 16104475 A 20160419; JP 2016514392 A 20140521; JP 2017112468 A 20170607; US 201414890055 A 20140521