

Title (en)
Pivot for clock mechanism

Title (de)
Zapfen für Uhrwerksmechanismus

Title (fr)
Pivot pour mécanisme d'horlogerie

Publication
EP 2781972 B1 20180801 (FR)

Application
EP 13160026 A 20130319

Priority
EP 13160026 A 20130319

Abstract (en)
[origin: EP2781972A1] The pivot (45) has a rotation guide (46) for radially holding a shaft (47) in a plate (2), and a front guide (49) for axially limiting an end of the shaft. An elastic shock absorber (48) acts on the rotation guide and/or the front guide. The elastic shock absorber is formed as a unitary part, made from micromachinable material or silicon or quartz or diamond and provided with a structural element that is separated from the rotation guide. The elastic shock absorber is produced in a single-piece way with the frontal guide. An independent claim is also included for a timepiece plate.

IPC 8 full level
G04B 31/04 (2006.01)

CPC (source: EP US)
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G04B 31/02 (2013.01 - EP US); **G04B 31/04** (2013.01 - EP US); **G04B 31/06** (2013.01 - US); **G04B 43/002** (2013.01 - US)

Cited by
EP2977834A3; EP3792702A1

Designated contracting state (EPC)
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CN 105051623 B 20171219; EP 2976684 A1 20160127; EP 2976684 B1 20161102; HK 1217234 A1 20161230; JP 2016505150 A 20160218;
JP 6134009 B2 20170524; KR 101777490 B1 20170911; KR 20150119171 A 20151023; TW 201502731 A 20150116; TW I633404 B 20180821;
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EP 13160026 A 20130319; CH 6292013 A 20130319; CN 201480016909 A 20140213; EP 14704568 A 20140213; EP 2014052784 W 20140213;
HK 16105248 A 20160509; JP 2015555758 A 20140213; KR 20157024814 A 20140213; TW 103106057 A 20140224;
US 201414764080 A 20140213