

Title (en)

Stem-operated mechanism with secure extraction

Title (de)

Steuermechanismus mit gesicherten Herausziehen

Title (fr)

Mécanisme de commande par tige à extraction sécurisée

Publication

EP 2899598 B1 20170712 (FR)

Application

EP 14152221 A 20140123

Priority

EP 14152221 A 20140123

Abstract (en)

[origin: US2015205265A1] Control mechanism for a timepiece movement, including, in a housing in a main plate, a control stem that is movable in a longitudinal direction and including a groove cooperating with a stud comprised in a pull-out piece for actuating the pivoting of the pull-out piece on the main plate, this pull-out piece is held in position by a jumper spring, and the mechanism including a bridge cooperating with the main plate to confine the stem, and this bridge includes a housing in which there is a movable limiter piston, arranged to abut on one end of a trunnion comprised in the pull-out piece under the application of a force in a transverse direction substantially orthogonal to the longitudinal direction, to allow the release of the stem after a given travel of the limiter piston.

IPC 8 full level

G04B 27/02 (2006.01)

CPC (source: EP RU US)

G04B 3/12 (2013.01 - RU); **G04B 27/02** (2013.01 - EP RU US); **G04B 27/06** (2013.01 - EP US)

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)

EP 2899598 A1 20150729; EP 2899598 B1 20170712; CN 104808474 A 20150729; CN 104808474 B 20170714; CN 204679763 U 20150930; HK 1212786 A1 20160617; JP 2015138030 A 20150730; JP 5960853 B2 20160802; RU 2015101981 A 20160810; RU 2015101981 A3 20180710; RU 2663269 C2 20180803; US 2015205265 A1 20150723; US 9110445 B2 20150818

DOCDB simple family (application)

EP 14152221 A 20140123; CN 201510032750 A 20150122; CN 201520045498 U 20150122; HK 16100560 A 20160119; JP 2015005565 A 20150115; RU 2015101981 A 20150122; US 201414584520 A 20141229