

Title (en)

Chronograph locking device (Device for a clock piece)

Title (de)

Chronograph Verriegelung (Vorrichtung für Uhr)

Title (fr)

Dispositif de verrouillage pour chronographe

Publication

EP 2945029 B1 20170531 (FR)

Application

EP 14168485 A 20140515

Priority

EP 14168485 A 20140515

Abstract (en)

[origin: WO2015173372A2] The invention relates, in particular, to a shock absorbing clutch device for a timepiece, comprising a clutch wheel (2) able to take an engaged position and a disengaged position, a clutch member (1) bearing said clutch wheel and a clutch cam (6) engaging with the clutch member (1) to define the engaged position and disengaged position of the clutch wheel (2). According to the invention, the device also comprises a locking member (12) rigidly attached to the clutch cam (6) and an intermediate member (9) controlled by the clutch member (1). Said intermediate member (9) is intended to engage with the clutch member (1) and the locking member (12) to prevent or limit the movement of the clutch member (1) under the effect of a shock when the clutch wheel (2) is in the engaged position, to thus avoid the clutch wheel (2) leaving the engaged position.

IPC 8 full level

G04F 7/08 (2006.01); **G04B 11/00** (2006.01)

CPC (source: EP US)

G04B 11/00 (2013.01 - EP US); **G04F 7/08** (2013.01 - US); **G04F 7/0828** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2945029 A1 20151118; **EP 2945029 B1 20170531**; JP 2017519201 A 20170713; JP 6527532 B2 20190605; US 10496039 B2 20191203; US 2017068223 A1 20170309; WO 2015173372 A2 20151119; WO 2015173372 A3 20160114

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EP 14168485 A 20140515; EP 2015060713 W 20150513; JP 2016567820 A 20150513; US 201515122562 A 20150513