

Title (en)

CHRONOGRAPH REPETITION MECHANISM WITH SAFETY

Title (de)

REPETITIONSMECHANISMUS FÜR CHRONOGRAPH MIT SICHERUNG

Title (fr)

MÉCANISME DE RÉPÉTITION CHRONOGRAPHE AVEC SÉCURITÉ

Publication

**EP 3502801 B1 20210217 (FR)**

Application

**EP 17208302 A 20171219**

Priority

EP 17208302 A 20171219

Abstract (en)

[origin: US2019187627A1] Acoustic timepiece display mechanism with a chronograph repeater for the acoustic display, by a striking mechanism, of a duration measured by a chronograph mechanism, this striking mechanism including a winding lever for driving a rack to move a striking rack in order to read the magnitude concerned and to release a corresponding strike function, this acoustic display mechanism includes, between the mechanism controlling the chronograph mechanism and the winding lever, a mechanical connection arranged, depending on the position of a control cam of the chronograph mechanism indirectly defining a variable secondary direction of the winding lever, to isolate or not to isolate the winding lever from a winding pusher operated in a single pusher direction by a user to set off the acoustic display of the timed duration.

IPC 8 full level

**G04F 7/08** (2006.01); **G04B 21/00** (2006.01); **G04B 25/00** (2006.01)

CPC (source: EP KR RU US)

**G04B 19/04** (2013.01 - KR); **G04B 19/065** (2013.01 - KR); **G04B 21/00** (2013.01 - EP US); **G04B 21/12** (2013.01 - RU); **G04B 25/00** (2013.01 - EP US); **G04F 3/02** (2013.01 - KR); **G04F 7/0842** (2013.01 - US); **G04F 7/089** (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 3502801 A1 20190626**; **EP 3502801 B1 20210217**; CN 109932883 A 20190625; CN 109932883 B 20200915; JP 2019109223 A 20190704; JP 6691590 B2 20200428; KR 102171674 B1 20201030; KR 20190074214 A 20190627; RU 2699928 C1 20190911; TW 201928548 A 20190716; TW I673581 B 20191001; US 11249443 B2 20220215; US 2019187627 A1 20190620

DOCDB simple family (application)

**EP 17208302 A 20171219**; CN 201811549882 A 20181218; JP 2018206274 A 20181101; KR 20180149744 A 20181128; RU 2018144719 A 20181218; TW 107136510 A 20181017; US 201816164868 A 20181019