

Title (en)  
CHRONOGRAPH REPETITION MECHANISM WITH SAFETY

Title (de)  
REPETITIONSMECHANISMUS FÜR CHRONOGRAPH MIT SICHERUNG

Title (fr)  
MÉCANISME DE RÉPÉTITION CHRONOGRAPHE AVEC SÉCURITÉ

Publication  
**EP 3502802 B1 20210217 (FR)**

Application  
**EP 17208313 A 20171219**

Priority  
EP 17208313 A 20171219

Abstract (en)  
[origin: US2019187621A1] An acoustic timepiece display mechanism includes a chronograph repeater for the acoustic display, by a striking mechanism, of a duration measured by a chronograph mechanism. The striking mechanism includes a winding lever for driving a rack to move a striking unit including a rack pinion integral with a striking ratchet, to move a striking rack to read the magnitude concerned and to release a corresponding strike function. The acoustic display mechanism includes, between a control mechanism included in the chronograph mechanism and the winding lever, a safety mechanism arranged, depending on the position of the strike wheel set, to allow or prevent travel of an operating lever of the control mechanism of the chronograph mechanism, which operating lever is arranged to be pivoted under the action of a chronograph start pusher.

IPC 8 full level  
**G04B 21/12** (2006.01); **G04B 21/00** (2006.01); **G04B 25/00** (2006.01); **G04F 7/08** (2006.01)

CPC (source: CH EP KR US)  
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**G04B 21/12** (2013.01 - CH EP US); **G04B 21/14** (2013.01 - KR US); **G04B 25/00** (2013.01 - EP US); **G04F 7/00** (2013.01 - US);  
**G04F 7/08** (2013.01 - CH KR); **G04F 7/0847** (2013.01 - CH); **G04F 7/089** (2013.01 - EP US); **G04F 7/0847** (2013.01 - EP)

Designated contracting state (EPC)  
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KR 20190074217 A 20190627; RU 2018144863 A 20200618; TW 201928546 A 20190716; TW I679505 B 20191211; US 11221589 B2 20220111;  
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