

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)  
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**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)  
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DOCDB simple family (publication)  
**EP 3502801 A1 20190626**; **EP 3502801 B1 20210217**; CN 109932883 A 20190625; CN 109932883 B 20200915; JP 2019109223 A 20190704;  
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RU 2018144719 A 20181218; TW 107136510 A 20181017; US 201816164868 A 20181019