

Title (en)  
MECHANICAL CLOCK MOVEMENT WITH POWER-RESERVE DETECTION

Title (de)  
MECHANISCHES UHRWERK MIT ERFASSUNG DER GANGRESERVE

Title (fr)  
MOUVEMENT D'HORLOGERIE MECANIQUE A DETECTION DE RESERVE DE MARCHE

Publication  
**EP 3306415 B1 20200520 (FR)**

Application  
**EP 16192232 A 20161004**

Priority  
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Abstract (en)  
[origin: US2018095422A1] The mechanical timepiece movement with power reserve indication comprises at least one barrel system connected to a winding wheel of a differential gear and an unwinding wheel of the differential gear. An intermediate wheel of the differential gear is connected to a cam wheel set to drive it in rotation via a reducing stage. A rack, which acts on a power reserve indicator, is in contact with the cam wheel set. When the power reserve is at zero, a locking part of the rack comes into contact with a locking member to lock the movement at an unwinding output of the barrel system or in contact with the unwinding wheel of the differential gear.

IPC 8 full level  
**G04B 9/00** (2006.01)

CPC (source: CN EP US)  
**G04B 1/16** (2013.01 - US); **G04B 1/22** (2013.01 - US); **G04B 9/00** (2013.01 - CN US); **G04B 9/005** (2013.01 - EP US);  
**G04B 11/022** (2013.01 - US)

Cited by  
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Designated contracting state (EPC)  
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JP 2018059920 A 20180412; JP 6411608 B2 20181024; US 10162309 B2 20181225; US 2018095422 A1 20180405

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