

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 3333637 B1 20210922 (FR)**

Application  
**EP 16203366 A 20161212**

Priority  
EP 16203366 A 20161212

Abstract (en)  
[origin: US2018164743A1] The mechanical timepiece movement with power reserve indication includes a barrel system with a winding output connected to a chassis wheel of a differential gear, and with an unwinding output connected to a crown of the differential gear. The differential gear is connected to a power reserve indicator to display the power reserve. The timepiece movement includes at least one locking member disposed on the crown and at least one locking element disposed on the chassis wheel during the rotation of the crown relative to the chassis wheel. The locking member is intended to come into contact with the locking element when the power reserve is at zero, in order to stop the timepiece movement.

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

CPC (source: CN EP US)  
**G04B 1/10** (2013.01 - US); **G04B 9/00** (2013.01 - CN); **G04B 9/005** (2013.01 - EP US); **G04B 9/02** (2013.01 - CN)

Cited by  
EP3992727A1; US11971687B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 16203366 A 20161212**; CN 201711306170 A 20171211; HK 18115291 A 20181129; JP 2017206820 A 20171026; US 201715791637 A 20171024