

Title (en)

CLOCKWORK COMPRISING A MICROGENERATOR AND A TESTING METHOD FOR CLOCKWORKS

Title (de)

UHRWERK MIT EINEM MIKROGENERATOR UND TESTVERFAHREN FÜR UHRWERKE

Title (fr)

MOUVEMENT D'HORLOGERIE COMPRENANT UN MICROGENERA TEUR ET PROCEDE DE CONTROLE POUR MOUVEMENTS D'HORLOGERIE

Publication

**EP 1171806 B1 20160810 (DE)**

Application

**EP 00910481 A 20000327**

Priority

- CH 0000179 W 20000327
- CH 73099 A 19990421

Abstract (en)

[origin: WO0063749A1] The invention relates to a clockwork in which the rotor of a generator (10, 11, 13) is driven by a spring via a multitude of wheels (51, 61, 71) and pinions (50, 60, 70), whereby the operation of the generator is controlled by an electronic control circuit (81). Said wheels and pinions are all grounded in order to prevent spark strikings which can be caused by the charging of voltages due to frictional electricity.

IPC 8 full level

**G04B 17/00** (2006.01); **G04C 3/00** (2006.01); **G04B 13/02** (2006.01); **G04B 31/08** (2006.01); **G04C 10/00** (2006.01); **H02K 7/116** (2006.01); **H02K 7/18** (2006.01); **H05F 3/02** (2006.01)

CPC (source: EP KR US)

**G04C 3/00** (2013.01 - KR); **G04C 3/008** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0063749 A1 20001026**; AU 3269900 A 20001102; CN 1134716 C 20040114; CN 1347521 A 20020501; EP 1171806 A1 20020116; EP 1171806 B1 20160810; HK 1044598 A1 20021025; JP 2002542495 A 20021210; JP 4194765 B2 20081210; KR 100434247 B1 20040604; KR 20020005692 A 20020117; US 2002060954 A1 20020523; US 6714487 B2 20040330

DOCDB simple family (application)

**CH 0000179 W 20000327**; AU 3269900 A 20000327; CN 00806503 A 20000327; EP 00910481 A 20000327; HK 02106172 A 20020822; JP 2000612802 A 20000327; KR 20017013314 A 20011019; US 4594001 A 20011019