

Title (en)
HOROLOGICAL MOVEMENT WITH AUTOMATIC WINDING AND MOVING ESCAPEMENT

Title (de)
UHRWERK MIT AUTOMATISCHER AUFZUGVORRICHTUNG UND BEWEGUNGSHEMMUNG

Title (fr)
MOUVEMENT HORLOGER A REMONTAGE AUTOMATIQUE ET A ECHAPPEMENT MOBILE

Publication
EP 2376986 B1 20130306 (FR)

Application
EP 09778848 A 20091006

Priority
• EP 2009007159 W 20091006
• CH 542009 A 20090115

Abstract (en)
[origin: WO2010081500A1] This is a horological movement of the type with automatic winding and comprising a frame (4, 24, 42) carrying a drive member, connected kinematically to a mechanical oscillator (9, 10) to maintain its oscillations, notably by means of an escape wheel (8), and an automatic winding mechanism comprising an oscillating mass (1) designed to supply the drive member with energy. In accordance with the features of the invention, the mechanical oscillator and the escape wheel are pivoted on the oscillating mass. The movement preferably also comprises differential gearing (14) which has a first input (17) connected kinematically to the drive member, a second input (18) connected kinematically to the oscillating mass (1), and an output (19) connected kinematically to the escape wheel (8) in order both to transmit energy to the latter from the drive member and to compensate for the movements of the oscillating mass relative to the frame (4, 24, 42).

IPC 8 full level
G04B 5/02 (2006.01); **G04B 17/28** (2006.01)

CPC (source: EP)
G04B 5/02 (2013.01); **G04B 17/28** (2013.01); **G04B 17/285** (2013.01)

Cited by
TWI743839B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
CH 700222 A1 20100715; CH 700222 B1 20150415; EP 2376986 A1 20111019; EP 2376986 B1 20130306; WO 2010081500 A1 20100722

DOCDB simple family (application)
CH 542009 A 20090115; EP 09778848 A 20091006; EP 2009007159 W 20091006