

Title (en)
CLOCKWORK WITH CONSTANT-TORQUE TRANSMISSION BETWEEN THE POWER SOURCE AND THE MECHANICAL OSCILLATOR

Title (de)
UHRWERK MIT KONSTANTDREHMOMENTÜBERTRAGUNG ZWISCHEN DER ENERGIEQUELLE UND DEM MECHANISCHEN OSZILLATOR

Title (fr)
MOUVEMENT HORLOGER AVEC TRANSMISSION D'ENERGIE A COUPLE CONSTANT ENTRE LA SOURCE D'ENERGIE ET L'OSCILLATEUR MECANIQUE

Publication
EP 2076821 A2 20090708 (FR)

Application
EP 07821589 A 20071019

Priority

- EP 2007061225 W 20071019
- EP 06122619 A 20061019
- EP 07821589 A 20071019

Abstract (en)
[origin: EP1914604A1] The movement has a barrel with an output torque variable based on its charging state. A compensation device transmits a constant torque to a mechanical oscillator irrespective of the state of the barrel, and has a cam (12) with a radius variable based on the variations of the output torque. The device has an intermediate connection mechanism to assure sliding-less kinematic connection between a periphery of the cam and the gear-train. The mechanism has a lever (13) to carry a mobile wheel (10) with a permanent kinematic connection with a wheel (9).

IPC 8 full level
G04B 1/22 (2006.01)

CPC (source: EP)
G04B 1/22 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1914604 A1 20080423; AT E491171 T1 20101215; CN 101542400 A 20090923; DE 602007011091 D1 20110120; EP 2076821 A2 20090708; EP 2076821 B1 20101208; HK 1132556 A1 20100226; JP 2010507086 A 20100304; JP 5005035 B2 20120822; WO 2008046916 A2 20080424; WO 2008046916 A3 20080619

DOCDB simple family (application)
EP 06122619 A 20061019; AT 07821589 T 20071019; CN 200780038838 A 20071019; DE 602007011091 T 20071019; EP 07821589 A 20071019; EP 2007061225 W 20071019; HK 09110065 A 20091029; JP 2009532818 A 20071019