

Title (en)

Time piece with power generator

Title (de)

Uhrwerk mit Spannungsgenerator

Title (fr)

Pièce d'horlogerie comportant une génératrice

Publication

EP 1243986 B1 20091028 (FR)

Application

EP 01201061 A 20010320

Priority

EP 01201061 A 20010320

Abstract (en)

[origin: EP1243986A1] The watch has a sprung barrel (5,6) which drives hands (7) and a generator rotor (2). The generator winding (3) is connected through a rectifier (11) to a control unit (12) which also receives time data from a timebase (13). The control unit regulates the generator speed by a short circuiting switch (16) but if synchronisation is lost the generator is locked by a magnetic element (18) which has a torque equal to a preset threshold value (Cp). An Independent claim is also included for a method of setting the barrel and magnetic element torques during fabrication

IPC 8 full level

G04C 10/00 (2006.01)

CPC (source: EP)

G04C 10/00 (2013.01)

Cited by

EP3838424A1

Designated contracting state (EPC)

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