

Title (en)
CLOCK MOVEMENT COMPRISING A DEVICE FOR EQUALISING AN ENGINE TORQUE

Title (de)
UHRWERK, DAS EINE VORRICHTUNG ZUR EINREGELUNG EINES MOTORDREHMOMENTS UMFASST

Title (fr)
MOUVEMENT HORLOGER COMPORTANT UN DISPOSITIF D'ÉGALISATION D'UN COUPLE MOTEUR

Publication
EP 3312681 B1 20200129 (FR)

Application
EP 16194627 A 20161019

Priority
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Abstract (en)
[origin: US2018107166A1] Timepiece movement comprising a mechanism and a spring barrel provided in order to drive the mechanism. The spring barrel comprises a drum and a motor spring in order to exert a driving torque which is variable as a function of the degree of winding-up of the motor spring. The timepiece movement comprises furthermore an equalisation device which is connected kinematically to the spring barrel in order to be able to be driven by it and to be able to exert an auxiliary torque which varies as a function of the degree of winding-up of the motor spring so as to counter variations in the motor torque. The equalisation device comprises a first magnetic element and a second magnetic element which are provided such that, when the equalisation device is driven by the spring barrel, they are displaced one relative to the other by exerting one on the other a magnetic force which varies as a function of the relative position occupied by the first magnetic element and the second magnetic element and which produces the auxiliary torque.

IPC 8 full level
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CPC (source: CN EP US)
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