

Title (en)
Watch with improved power reserve

Title (de)
Armbanduhr mit verbesserter Gangreserve

Title (fr)
Montre à réserve de marche améliorée

Publication
EP 2871537 B1 20170104 (FR)

Application
EP 13191775 A 20131106

Priority
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Abstract (en)
[origin: CN204270011U] Provided in the utility model is a mechanical clock movement (1) comprising at least one energy storage device (2). The energy of the energy storage device (2) is provided by a ratchet wheel (3) driven by at least one winding mechanism (4) at the input end of the energy storage device; and power is provided for an operation gear train (5) at the output end of the energy storage device. The movement includes a first energy absorption device (6) that is connected to at least one wheel set of the operation gear train (5) by at least one first elastic connecting element (7); the first energy absorption device (6) cooperates with at least one driving wheel set (8) driving the ratchet wheel (3); the driving wheel set (8) and the ratchet wheel (3) are engaged; and thus one part of energy absorbed by the energy absorption device (6) is injected and is provided for the energy storage device (2). The driving wheel set (8) of the ratchet wheel (3) is driven to be separated under the effect of at least one separation mechanism (9); and the separation mechanism (9) plays a role during the work period of the winding mechanism (4). In addition, the utility model also provides a clock containing the mechanical clock movement.

IPC 8 full level
G04B 1/10 (2006.01); **G04B 5/02** (2006.01); **G04B 33/12** (2006.01)

CPC (source: EP US)
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Cited by
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