

Title (en)

Electromechanical timepiece comprising a power reserve indicator

Title (de)

Elektromechanische Uhr, die mit einer Gangreserveanzeige ausgerüstet ist

Title (fr)

Pièce d'horlogerie électromécanique comprenant un indicateur de réserve de marche

Publication

EP 1544692 B1 20070314 (FR)

Application

EP 03104738 A 20031216

Priority

EP 03104738 A 20031216

Abstract (en)

[origin: EP1544692A1] The timepiece has a barrel (1) coupled to a regulator circuit with a switching unit (7) for electrically braking a generator, when a generator frequency is higher than a reference frequency. An accumulating unit (11) accumulates an electrical energy dissipated during generator braking periods. An actuating unit (13) actuates a power-reserve display unit (12a) to display power-reserve by the accumulated electrical energy.

IPC 8 full level

G04B 9/02 (2006.01); **G04C 10/04** (2006.01); **G04C 10/00** (2006.01)

CPC (source: EP US)

G04C 10/00 (2013.01 - EP US); **G04C 10/04** (2013.01 - EP US)

Cited by

EP3432088A1; EP3432089A1

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

EP 1544692 A1 20050622; **EP 1544692 B1 20070314**; CN 1629754 A 20050622; CN 1629754 B 20100616; DE 60312536 D1 20070426; DE 60312536 T2 20071122; HK 1078141 A1 20060303; JP 2005181322 A 20050707; JP 4537190 B2 20100901; SG 113021 A1 20050728; TW 200525318 A 20050801; TW I354191 B 20111211; US 2005128881 A1 20050616; US 7274624 B2 20070925

DOCDB simple family (application)

EP 03104738 A 20031216; CN 200410101220 A 20041215; DE 60312536 T 20031216; HK 05110086 A 20051111; JP 2004364126 A 20041216; SG 200407717 A 20041214; TW 93137792 A 20041207; US 1155204 A 20041215