

Title (en)

State of winding indicator for a mechanical work

Title (de)

Gangreserveanzeige für eine mechanische Uhr

Title (fr)

Mécanisme indicateur de la réserve de marche d'une montre mécanique

Publication

EP 1612625 A1 20060104 (FR)

Application

EP 04405403 A 20040701

Priority

EP 04405403 A 20040701

Abstract (en)

The mechanism has a differential gear (16) with an output ratchet (18) driven in two directions during winding and unwinding of a mainspring. Two display units are coupled to the ratchet and are terminated by needles (32a, 32b). Each display unit is moved successively by a counting wheel (21), which is driven by the ratchet, to respectively indicate lower and upper fractions of a power reserve of the mainspring. One of the display units is constituted by a friction wheel (24), a pinion (25), a setting wheel (26) and a rotating display unit (27), and the other display unit is constituted by an intermediate wheel (28), a pinion (29) and a rotating display unit (30).

IPC 8 full level

G04B 9/00 (2006.01)

CPC (source: EP)

G04B 9/005 (2013.01)

Citation (search report)

- [A] CH 685963G A3 19951130 - LEMANIA NOUVELLE SA [CH]
- [A] EP 0851320 A1 19980701 - ASULAB SA [CH]

Cited by

CH711005A1; EP4057080A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 04405403 A 20040701; AT 04405403 T 20040701; DE 602004015267 T 20040701; EP 2005052521 W 20050602