

Title (en)
Power reserve indicator for a mechanical timepiece

Title (de)
Gangreserveanzeige für eine mechanische Uhr

Title (fr)
Mécanisme indicateur de la réserve de marche d'une montre mécanique

Publication
EP 1612625 B1 20080723 (FR)

Application
EP 04405403 A 20040701

Priority
EP 04405403 A 20040701

Abstract (en)
[origin: EP1612625A1] 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)

Cited by
CH711005A1; EP4057080A1; US12153384B2

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DOCDB simple family (publication)
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