

Title (en)
RUNNING RESERVE INDICATING DEVICE

Title (de)
ABLAUFANZEIGEVORRICHTUNG FÜR UHREN

Title (fr)
DISPOSITIF INDICATEUR DE RESERVE DE MARCHE

Publication
EP 1389310 B1 20040922 (FR)

Application
EP 02700529 A 20020228

Priority
• EP 02700529 A 20020228
• EP 01810508 A 20010522
• IB 0200600 W 20020228

Abstract (en)
[origin: EP1260883A1] Energy reserve indicator, having two toothed wheels (1,2) one (1) for arming and the other (2) for disarming a star wheel (3) fixed to a display. The arming wheel (1) includes a tooth (9) actuating a lever (4) rotated positively by the star wheel (3). The disarming wheel includes a tooth (10) actuating lever (5) negatively rotated by the star wheel, the latter is held in position by a toothed link arm (8). The arming lever is reset to its rest position by a spring (6) which allows the lever to disengage itself from the star wheel. The disarming lever is reset into its rest position by a spring (7) which allows the lever to disengage itself from the star wheel. The two wheels (1,2) are mounted on the same axis and the levers (4,5) are mounted on a common axis.

IPC 1-7
G04B 9/00

IPC 8 full level
G04B 9/00 (2006.01)

CPC (source: EP US)
G04B 9/005 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1260883 A1 20021127; AT E277370 T1 20041015; CN 100354773 C 20071212; CN 1507584 A 20040623; DE 60201352 D1 20041028; DE 60201352 T2 20050217; EP 1389310 A1 20040218; EP 1389310 B1 20040922; HK 1061078 A1 20040903; JP 2004520602 A 20040708; JP 3921449 B2 20070530; PT 1389310 E 20041231; RU 2280886 C2 20060727; US 2004145974 A1 20040729; US 6805482 B2 20041019; WO 02095504 A1 20021128

DOCDB simple family (application)
EP 01810508 A 20010522; AT 02700529 T 20020228; CN 02803290 A 20020228; DE 60201352 T 20020228; EP 02700529 A 20020228; HK 04104036 A 20040604; IB 0200600 W 20020228; JP 2002591915 A 20020228; PT 02700529 T 20020228; RU 2003117456 A 20020228; US 47668003 A 20031104