

Title (en)

DEVICE FOR COMPENSATING FOR THE SYNERGISTIC EFFECTS OF A SO-CALLED MYSTERIOUS WATCH

Title (de)

EINRICHTUNG ZUM KOMPENSIEREN DER SYNERGISTISCHEN EFFEKTE EINER SOGENANNTEN MYSTERIOUS WATCH

Title (fr)

DISPOSITIF A COMPENSATION DES EFFETS DE SYNERGIE POUR UNE MONTRE DITE MYSTERIEUSE

Publication

**EP 1869530 A1 20071226 (FR)**

Application

**EP 06727391 A 20060330**

Priority

IB 2006000731 W 20060330

Abstract (en)

[origin: WO2007113603A1] So-called mysterious watch (1) comprising a seconds arbor (2), a minute pipe (3) and an hour pipe (4) driven respectively by a seconds (5), minute (6) and hour (7) toothed disc. These discs (5, 6, 7) which are at least partially transparent are mounted coaxially between the dial (8) and the back (9) of the watch (1). The movement of these toothed discs (5, 6, 7) is transmitted by drive members confined invisibly within the ring (11) of the watch (1) case. Said case possesses a device comprising a "false seconds" disc (10), a double setting wheel (12) and at least one intermediate gear train (14). The "false seconds" disc (10), identical in mass and diameter to the seconds disc (5), is fitted freely on the perimeter of the hour pipe (4). The double setting wheel (12) transmits the speed of rotation of the seconds disc (5) to the "false seconds" disc (10). The intermediate gear train (14) gives the "false seconds" disc (10) the opposite direction of rotation to that of the seconds disc (5). This device thus compensates for rate errors if the wrist is moved suddenly.

IPC 8 full level

**G04B 45/04** (2006.01)

CPC (source: EP)

**G04B 45/04** (2013.01)

Citation (search report)

See references of WO 2007113603A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2007113603 A1 20071011**; AT E414293 T1 20081115; DE 602006003645 D1 20081224; EP 1869530 A1 20071226; EP 1869530 B1 20081112; JP 2008537156 A 20080911; JP 4548805 B2 20100922

DOCDB simple family (application)

**IB 2006000731 W 20060330**; AT 06727391 T 20060330; DE 602006003645 T 20060330; EP 06727391 A 20060330; JP 2008508315 A 20060330