

Title (en)

TIME-SETTING MECHANISM FOR CLOCK MOVEMENT WITH PERPETUAL JULIAN DATE

Title (de)

ZEIGERSTELLUNGSMECHANISMUS FÜR EINE EWIGE KALENDERUHR

Title (fr)

MECANISME DE MISE A L'HEURE D'UN MOUVEMENT D'HORLOGERIE A QUANTIEME PERPETUEL

Publication

**EP 0970407 A1 20000112 (FR)**

Application

**EP 98907797 A 19980320**

Priority

- CH 9800110 W 19980320
- CH 74497 A 19970327

Abstract (en)

[origin: WO9844394A1] The invention concerns a time-setting mechanism for a clock movement (1) with perpetual Julian date comprising a device for driving (8) a date indicator (2) including driving means (10) for moving forward said indicator by one jump every twenty-four hours. The movement (1) further comprises an adjusting device for automatically moving said indicator (2) by a number of steps taking into account months with 28, 29 or 30 days, said device comprising a rotary cam (26) driven by at least one step every twenty-four hours, said cam having a profile (28) for steering a sensor (30) bringing about: the oscillating movement of a moving mechanism (32) provided with a pawl system (34) for moving forward the date indicator (2) by the required additional number of adjusting steps; and for moving forward said cam (26) by a number of steps equal to the number of said indicator (2) adjusting steps so as to make it move one complete cycle per year. The mechanism is characterised in that it comprises means (156) for disengaging the sensor (30) to release the cam (26) profile (28) and means (164) for coupling the indicator (2) with said cam (26), said coupling means (164) being steered by said disengaging means (156) which are controlled by an operating lever stem (150).

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