

Title (en)

ELECTRONIC CLOCK MOVEMENT COMPRISING AN ANALOG DISPLAY OF SEVERAL ITEMS OF INFORMATION

Title (de)

ELECTRONIC UHRWERK MIT EINEM ANALOG ANZEIGE FÜR MEHRERE INFORMATIONEN

Title (fr)

MOUVEMENT HORLOGER ELECTRONIQUE COMPRENANT UN AFFICHAGE ANALOGIQUE DE PLUSIEURS INFORMATIONS

Publication

EP 3152626 B1 20190130 (FR)

Application

EP 15710526 A 20150319

Priority

- EP 14163345 A 20140403
- EP 2015055763 W 20150319

Abstract (en)

[origin: WO2015150086A2] The electronic clock movement comprises an analog display device with a date ring (6) and a stop watch hand (4) associated with a graduation (5) of a usual small counter. This ring and this hand are driven by one and the same electric motor (10) via a set of permanent gears, the stop watch hand being mounted on a wheel of this set of permanent gears which wheel is arranged between the driving pinion (14) and a runner comprising a date drive wheel (24). The date ring and the date drive wheel respectively comprise two tooth sets forming a permanent mesh with a relatively large amount of lash making it possible to define a determined angular dead zone for the date drive wheel because the date ring is positioned by a jumper. This angular dead zone is used to drive the stop watch hand independently of the date ring. The set of permanent gears is arranged in such a way that the torque for positioning the rotor gives rise, at the date drive wheel, to enough of a blocking torque to perform a shock-proof function.

IPC 8 full level

G04C 17/00 (2006.01); **G04B 19/247** (2006.01)

CPC (source: CH CN EP US)

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