

Title (en)

TIMEPIECE DEVICE FOR THE DISPLAY OF THE DURATION OF DAY AND NIGHT

Title (de)

UHRVORRICHTUNG ZUR ANZEIGE DER DAUER VON TAG UND NACHT

Title (fr)

DISPOSITIF D'HORLOGERIE POUR L'AFFICHAGE DE LA DURÉE DU JOUR ET DE LA NUIT

Publication

**EP 3537227 B1 20220302 (EN)**

Application

**EP 18159967 A 20180305**

Priority

EP 18159967 A 20180305

Abstract (en)

[origin: EP3537227A1] Timepiece device (1) comprising a driving member (11), a transmission element (17) and a display device (3, 4). The driving member (11) is intended to pivot about an axis (100) at a speed of one revolution per year and comprises a latitude pin (16) at a distance r from said axis (100) and a latitude setting device for setting the value of the distance r. Each value of r corresponds to a defined value of latitude and remains fixed once its setting has been made. The latitude pin (16) cooperates with a means of cooperation (18) of the transmission element (17) for driving the latter in alternating movements. At least a part of the transmission element (17) is guided in translation, the part of the transmission element (17) being guided in translation comprising at least a first (17a) and a second (17b) portions kinematically connected respectively to a first (3) and a second (4) elements of the display device. The first (3) and second (4) elements of the display device are arranged to display the duration of the day and the duration of the night. The present invention also concerns a timepiece such as a pocket watch or a wristwatch comprising such a timepiece device and a clockwork movement.

IPC 8 full level

**G04B 19/26** (2006.01)

CPC (source: EP)

**G04B 19/262** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3537227 A1 20190911; EP 3537227 B1 20220302**

DOCDB simple family (application)

**EP 18159967 A 20180305**