

Title (en)

TIMEPIECE COMPRISING A DAY/NIGHT DISPLAY TAKING INTO ACCOUNT SEASONAL VARIATIONS

Title (de)

UHR, DIE MIT EINER TAG-/NACHTANZEIGE AUSGESTATTET IST UND DIE JAHRESZEITLICHEN ÄNDERUNGEN BERÜCKSICHTIGT

Title (fr)

PIÈCE D'HORLOGERIE COMPORTANT UN AFFICHAGE JOUR/NUIT TENANT COMPTE DES VARIATIONS SAISONNIÈRES

Publication

**EP 3339972 B1 20200101 (FR)**

Application

**EP 17195835 A 20171011**

Priority

EP 16206863 A 20161223

Abstract (en)

[origin: US2018181074A1] A timepiece includes a timepiece movement, a calendar mechanism and a mechanism for indicating the sunrise and sunset that take account of seasonal variations. The calendar mechanism includes a date display and a month display. The sunrise and sunset indicating mechanism also includes an annual cam having a profile representative of the tilt of the sun with respect to the equatorial plane and arranged to be driven in rotation by the date wheel set via a third kinematic chain.

IPC 8 full level

**G04B 19/22** (2006.01); **G04B 19/26** (2006.01); **G04C 23/14** (2006.01)

CPC (source: CN EP US)

**G04B 19/04** (2013.01 - CN); **G04B 19/044** (2013.01 - CN); **G04B 19/226** (2013.01 - EP US); **G04B 19/24** (2013.01 - CN); **G04B 19/262** (2013.01 - EP US)

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**EP 17195835 A 20171011**; CN 201711406559 A 20171222; HK 18116390 A 20181221; JP 2017237457 A 20171212; US 201715835497 A 20171208