

Title (en)

Mechanism to display values in variable cycles, notably in a lunisolar calendar

Title (de)

Mechanismus zur Anzeige von Werten in variablen Zyklen, insbesondere in einem Mond-und Sonnen-Kalender

Title (fr)

Mécanisme d'affichage de valeurs dans des cycles variables, notamment dans un calendrier luni-solaire

Publication

**EP 1801670 B1 20100804 (FR)**

Application

**EP 05112952 A 20051223**

Priority

EP 05112952 A 20051223

Abstract (en)

[origin: EP1801670A1] The device has a lunar month wheel set (202) driven step by step to complete one revolution per ordinary and extraordinary cycles. The wheel set has a plate (207) that carries a toothed planetary wheel (208). The wheel includes stop elements (209) that are distributed over the circumference of the wheel to cooperate with a finger (210) of a stop part (203), where the position of the finger is determined by an annular shape rotating year cam (215). The cam has inner edges provided with a shoulder (216) whose level represents the presence and position of bissextile month in a current year.

IPC 8 full level

**G04B 19/24** (2006.01); **G04B 19/26** (2006.01)

CPC (source: EP KR US)

**G04B 1/00** (2013.01 - KR); **G04B 19/23** (2013.01 - KR); **G04B 19/24** (2013.01 - EP US); **G04B 19/241** (2013.01 - EP US); **G04B 19/26** (2013.01 - EP US)

Cited by

CN102854789A; CH708853A1; WO2015062839A3; TWI727703B

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

DOCDB simple family (publication)

**EP 1801670 A1 20070627**; **EP 1801670 B1 20100804**; AT E476688 T1 20100815; CN 1987961 A 20070627; CN 1987961 B 20100616; DE 602005022742 D1 20100916; HK 1108505 A1 20080509; JP 2007171201 A 20070705; JP 4896701 B2 20120314; KR 101280644 B1 20130701; KR 20070066881 A 20070627; SG 133520 A1 20070730; US 2007147176 A1 20070628; US 7307917 B2 20071211

DOCDB simple family (application)

**EP 05112952 A 20051223**; AT 05112952 T 20051223; CN 200610171142 A 20061225; DE 602005022742 T 20051223; HK 07113744 A 20071218; JP 2006345742 A 20061222; KR 20060128354 A 20061215; SG 2006085997 A 20061211; US 61083706 A 20061214