Title (en)

Calendar mechanism

Title (de)

Datumsmechanismus

Title (fr)

Mécanisme de calendrier

Publication

EP 2490084 A1 20120822 (FR)

Application

EP 11154850 A 20110217

Priority

EP 11154850 A 20110217

Abstract (en)

The mechanism has a day program wheel (13) that is driven by clock movement. The program wheel actuates a day wheel (16), units wheel (17) and a tens wheel (18) for displaying days of a month. The program wheel comprises a day indexing gear (13') that is advanced by one step at each day by the clock movement, and retractable teeth (129, 130) driven by the clock movement. The teeth are respectively mounted to pivot between an active position in which the teeth are driven by the clock movement, and an inactive position in which the teeth are not driven by the clock movement.

Abstract (fr)

Mécanisme de calendrier comportant une roue de programme 13 entraînée par un mouvement horloger et actionnant un rouage pour l'affichage de quantième (16-24). La roue de programme 13 comporte un mobile d'indexation journalière 13' avancé d'un pas chaque jour par ledit mouvement horloger, et au moins une dent escamotable (128, 129, 130), susceptible d'être entraînée par le mouvement horloger, et montée pivotante entre une position active (128A, 129A, 130A) dans laquelle elle est entraînée, et une position inactive (128I, 129I, 130I), dans laquelle elle n'est pas entraînée par le mouvement horloger.

IPC 8 full level

G04B 19/253 (2006.01)

CPC (source: EP KR US)

G04B 19/24 (2013.01 - KR); **G04B 19/253** (2013.01 - EP US); **G04B 19/2536** (2013.01 - EP US)

Citation (applicant)

- CH 680630 A3
- EP 1351104 A1 20031008 - NARDIN ULYSSE SA [CH]

Citation (search report)

- [XA] US 143618 A 18731014
- [XDY] CH 680630 A3
- [X] FR 1005738 A 19520415
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- [X] EP 1596261 A1 20051116 - ROLEX SA [CH]
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- [Y] CH 682284 A
- [A] FR 536251 A 19220429

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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

Designated extension state (EPC)

BA ME

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EP 2490084 A1 20120822; **EP 2490084 B1 20160720**; CH 704505 A2 20120831; CN 102645884 A 20120822; CN 102645884 B 20150121; HK 1174979 A1 20130621; JP 2012173292 A 20120910; JP 5559828 B2 20140723; KR 101369081 B1 20140228; KR 20120094863 A 20120827; RU 2012105510 A 20130827; RU 2590875 C2 20160710; US 2012213038 A1 20120823; US 8842500 B2 20140923

DOCDB simple family (application)

EP 11154850 A 20110217; CH 2742011 A 20110217; CN 201210037675 A 20120217; HK 13101751 A 20130207; JP 2012032531 A 20120217; KR 20120015807 A 20120216; RU 2012105510 A 20120216; US 201213396994 A 20120215