

Title (en)

Alarm device suitable for being set 30 days in advance

Title (de)

Alarmvorrichtung, die 30 Tage im Voraus eingestellt werden kann

Title (fr)

Dispositif d'alarme réglable 30 jours à l'avance

Publication

**EP 2367076 A1 20110921 (FR)**

Application

**EP 10156803 A 20100317**

Priority

EP 10156803 A 20100317

Abstract (en)

The device has an adjusting component i.e. adjusting crown, acting on triggering units that are associated to a predetermined date triggering value. The units includes a date triggering element (4) and a time triggering element (6) that are distinct and reinforced by a spring (4') and another spring. The units include triggering wheels (3, 7) flatten on a date expiry wheel (2) and on a time expiry wheel (8) by the date and time triggering elements, respectively, where the expiry wheels include recesses and/or mutually cooperating pins. A clearing arm disarms a strike hammer (9) of the device. An independent claim is also included for a method for controlling an alarm device.

Abstract (fr)

Dispositif d'alarme pour montre réveil pouvant actionner une sonnerie ou un mécanisme d'alarme vibrante, qui peut être déclenchée à un horaire prédéterminé. Le dispositif d'alarme contient un organe de réglage agissant sur des moyens de déclenchement associés à un quantième prédéterminé.

IPC 8 full level

**G04B 21/00** (2006.01); **G04B 21/12** (2006.01); **G04B 23/02** (2006.01); **G04B 23/12** (2006.01)

CPC (source: EP)

**G04B 21/005** (2013.01); **G04B 21/12** (2013.01); **G04B 23/021** (2013.01); **G04B 23/025** (2013.01); **G04B 23/12** (2013.01)

Citation (applicant)

- US 3564836 A 19710223 - BOYLES ROBERT L
- US 2006176779 A1 20060810 - DRISKA JOHN J [US]
- US 2005058026 A1 20050317 - HOCHERMAN ADAM B [US]
- REYMONDIN: "Théorie d'horogere", pages: 217 - 218

Citation (search report)

- [XA] FR 2919398 A1 20090130 - PATEK PHILIPPE SA [CH]
- [X] US 4419016 A 19831206 - ZOLTAN BART J [US]
- [XD] US 2006176779 A1 20060810 - DRISKA JOHN J [US]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2367076 A1 20110921**; **EP 2367076 B1 20180808**; CN 102193495 A 20110921; CN 102193495 B 20151104; HK 1162212 A1 20120824; JP 2011197002 A 20111006; JP 5645726 B2 20141224; RU 2011110071 A 20120927; RU 2565326 C2 20151020

DOCDB simple family (application)

**EP 10156803 A 20100317**; CN 201110064516 A 20110317; HK 12102713 A 20120319; JP 2011059388 A 20110317; RU 2011110071 A 20110316