

Title (en)  
Calendar mechanism programme wheel

Title (de)  
Programmrädchen eines Datumsmechanismus

Title (fr)  
Roue de programme d'un mécanisme de calendrier

Publication  
**EP 2490083 B1 20131016 (FR)**

Application  
**EP 11154842 A 20110217**

Priority  
EP 11154842 A 20110217

Abstract (en)  
[origin: EP2490083A1] The device (100) has a date program wheel (13) that is driven by a clock movement and actuates a gear train for displaying dates by date, minute and tens wheels, minute display disks, elastic indexing elements, and tens display disks. The date program wheel performs complete turn for each month. A month program wheel (43) performs the complete turn for every year. The program wheels are mounted coaxially. The month program wheel is coaxially mounted and rotatably connected to a February month program mobile (45) and a program mobile (44) provided for month less than 31 days.

IPC 8 full level  
**G04B 19/253** (2006.01)

CPC (source: EP KR RU US)  
**G04B 19/24** (2013.01 - KR); **G04B 19/2536** (2013.01 - EP RU US)

Cited by  
EP3040784A1; EP3040788A1; CN105785744A; EP3040785A1; US9547279B2; US9733619B2; WO2023057373A1

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 2490083 A1 20120822; EP 2490083 B1 20131016**; CN 102645885 A 20120822; CN 102645885 B 20140917; EP 2597537 A1 20130529; EP 2597537 B1 20140416; HK 1174980 A1 20130621; JP 2012173290 A 20120910; JP 5559826 B2 20140723; KR 101337779 B1 20131206; KR 20120094861 A 20120827; RU 2012105511 A 20130827; RU 2624432 C2 20170703; US 2012213037 A1 20120823; US 8811125 B2 20140819

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**EP 11154842 A 20110217**; CN 201210037716 A 20120217; EP 13155464 A 20110217; HK 13101752 A 20130207; JP 2012032526 A 20120217; KR 20120015805 A 20120216; RU 2012105511 A 20120216; US 201213396897 A 20120215