

Title (en)
Timepiece with calendar mechanism

Title (de)
Uhr mit Kalendermechanismus

Title (fr)
Pièce d'horlogerie à mécanisme de quantième

Publication
EP 1746470 A1 20070124 (FR)

Application
EP 05405446 A 20050720

Priority
EP 05405446 A 20050720

Abstract (en)
The timepiece date mechanism includes a finger (9b) kinematically connected with an instantaneous-jump cam (7) in order to drive a calendar mobile. The driving finger is borne by a release member (9) that is pivotally mounted about two axes(3a,7a), one (3a) of which that of the driving mobile (3). The release member has an opening (9a) configured to allow an angular displacement about the second of the two axes (7a), so that the driving finger can be released from the toothing (1a) of the calendar ring while the calendar is corrected. A return spring (8) tends to rotate the driving finger about the second pivot axes in order to bring it to butt against an edge of the opening, a position in which the driving finger is engaged with the toothing of the calendar ring.

IPC 8 full level
G04B 19/253 (2006.01)

CPC (source: EP US)
G04B 19/25373 (2013.01 - EP US)

Citation (applicant)
FR 1601905 A 19700921

Citation (search report)
• [X] CH 525508 A 19720330 - ERARD RAOUL HENRI [CH]
• [A] CH 460645 A 19680930 - EBAUCHES SA [CH]

Cited by
EP2428855A1; EP2407833A1; CN111413858A; EP2503407A3; US8953415B2; EP3828644A1; EP3677970A1; US8760975B2; EP3598242A1; WO2020016818A1; US9395691B2; US11703805B2; EP2565729A1; US8644116B2; US9042206B2; US8675453B2; EP2884345A2; US9292001B2; WO2013102600A2; US9471037B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1746470 A1 20070124; CN 1900851 A 20070124; JP 2007024900 A 20070201; US 2007019507 A1 20070125; US 7158448 B1 20070102

DOCDB simple family (application)
EP 05405446 A 20050720; CN 200610106010 A 20060719; JP 2006198598 A 20060720; US 48473106 A 20060712