

Title (en)
Annual calendar mechanism for a clock movement

Title (de)
Jahreskalendermechanismus für Uhrwerk

Title (fr)
Mécanisme de quantième annuel pour mouvement d'horlogerie

Publication
EP 1785783 A1 20070516 (FR)

Application
EP 05024628 A 20051111

Priority
EP 05024628 A 20051111

Abstract (en)
The mechanism has a mobile month drive (52) provided for driving a month star (54) at the end of each month. The drive is connected to a mobile date drive (32) and mobile correction drive (42) via driving wheels (36, 56). The drive (52) occupies a position, in which the drive (52) has no effect on the star such that a kinematic chain between a date disk and the star is broken, and another position, during changing of the month, in which the drive (52) activates the star to advance the star to a step such that a correction device acts on the date disk without affecting the star and vice versa.

IPC 8 full level
G04B 19/253 (2006.01); **G04B 19/25** (2006.01)

CPC (source: EP US)
G04B 19/25 (2013.01 - EP US); **G04B 19/2538** (2013.01 - EP US)

Citation (applicant)
EP 0987609 A1 20000322 - PIGUET FREDERIC SA [CH]

Citation (search report)
• [DA] EP 0987609 A1 20000322 - PIGUET FREDERIC SA [CH]
• [A] US 4026100 A 19770531 - KUME KAZUNARI, et al
• [A] CH 651440G A3 19850930 - FAB D'EBAUCHES DE SONCEBOZ SA

Cited by
EP2642354A1; US11526131B2; US11714383B2; EP2503410A3; CH713000A1; FR3104748A1; RU2609399C2; EP2490082A1; KR101321186B1; EP2015146A1; EP3671366A1; CN111352330A; EP3845973A1; CH716983A1; US10732572B2; US7643379B2; US8982673B2; US8942067B2; EP2884345A2; US9292001B2; TWI727703B; US11892804B2; US8830798B2; EP3499317A1; EP3070345B1

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 1785783 A1 20070516; EP 1785783 B1 20111012; AT E528699 T1 20111015; CN 101017361 A 20070815; CN 101017361 B 20110525; HK 1108739 A1 20080516; JP 2007132944 A 20070531; JP 5105467 B2 20121226; US 2007109916 A1 20070517; US 7218576 B1 20070515

DOCDB simple family (application)
EP 05024628 A 20051111; AT 05024628 T 20051111; CN 200610171843 A 20061110; HK 07113864 A 20071219; JP 2006304208 A 20061109; US 55802806 A 20061109