

Title (en)

Annual calendar for a watch movement

Title (de)

Jährlicher Kalendermechanismus für Uhrwerk

Title (fr)

Mécanisme de quantième annuel pour mouvement d'horlogerie

Publication

EP 1596261 B1 20070801 (FR)

Application

EP 05405291 A 20050413

Priority

- EP 04405309 A 20040514
- EP 05405291 A 20050413

Abstract (en)

[origin: US2005254350A1] This mechanism comprises a date runner, a months satellite with five teeth on a pitch for twelve, secured to the date runner, a fixed planetary toothset and a drive member for driving the date runner comprising two drive fingers, the first intersecting the path of the toothset of the date runner, the second intersecting the path of the toothset of the months satellite. The latter is connected to the planetary toothset by a second satellite secured to it and the number of teeth of which is equal to a multiple of twelve, the number of teeth of the planetary toothset being chosen so that one of the five teeth of the months satellite is aligned with the axes of the satellites, of the drive member and of the date runner on the 30th of each month comprising less than 31 days.

IPC 8 full level

G04B 19/253 (2006.01)

CPC (source: EP US)

G04B 19/253 (2013.01 - EP US); **G04B 19/2538** (2013.01 - EP US)

Cited by

EP2428855A1; EP3644130A1; EP3499317A1; EP2490084A1; EP2428856A1; EP2624075A1; US8760975B2; CN109917632A; EP4033306A1; EP3043217A1; US8842500B2; EP3985448A1; EP2884345B1

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CH DE FR GB LI

DOCDB simple family (publication)

US 2005254350 A1 20051117; US 7242640 B2 20070710; CN 100495252 C 20090603; CN 1696844 A 20051116; DE 05405291 T1 20060518; DE 602005001798 D1 20070913; DE 602005001798 T2 20080430; DE 602005001798 T8 20080828; EP 1596261 A1 20051116; EP 1596261 B1 20070801; HK 1078349 A1 20060310; JP 2005326420 A 20051124; JP 4624848 B2 20110202

DOCDB simple family (application)

US 11025105 A 20050420; CN 200510070088 A 20050510; DE 05405291 T 20050413; DE 602005001798 T 20050413; EP 05405291 A 20050413; HK 05111013 A 20051202; JP 2005141431 A 20050513