

Title (en)

Annual calendar mechanism for a timepiece

Title (de)

Jährlicher Kalendermechanismus für eine Uhr

Title (fr)

Mecanisme de quantieme annuel pour piece d'horlogerie

Publication

EP 1666991 B1 20110601 (FR)

Application

EP 04028561 A 20041202

Priority

EP 04028561 A 20041202

Abstract (en)

[origin: EP1666991A1] The mechanism has an intermediate wheel connecting an annual wheel (7) to a stage of a date ring (4), at the end of each month. The wheel (7) has twice of teeth (30) than arc months in a year and a wheel (40) meshed to it. The wheel (7) has a wheel (50) fixed onto and arranged coaxially to the wheel (40). The latter wheel is meshed at the end of each month, with a snag arranged inside the date ring stage.

IPC 8 full level

G04B 19/253 (2006.01)

CPC (source: EP US)

G04B 19/2536 (2013.01 - EP US)

Cited by

FR3104748A1; EP3644130A1; EP3173876A1; EP3173878A1; EP3043217A1; EP2479622A1; RU2740275C2; EP1916575A1; CN102608902A; US8811125B2; US10437198B2; US7535802B2; EP2490083A1; EP2597537A1; RU2624432C2; US10345759B2; EP2945026A1; US9229432B2; US10067473B2; US9471038B2; US8605553B2; EP3246763A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 1666991 A1 20060607; EP 1666991 B1 20110601; CN 100568121 C 20091209; CN 1782927 A 20060607; JP 2006162611 A 20060622; JP 4754334 B2 20110824; US 2006120219 A1 20060608; US 7301854 B2 20071127

DOCDB simple family (application)

EP 04028561 A 20041202; CN 200510125767 A 20051201; JP 2005341631 A 20051128; US 26191905 A 20051031