

Title (en)
Annual calendar mechanism for timepiece

Title (de)
Jahreskalendermechanismus für Uhrwerk

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

Publication
EP 1916575 B1 20081217 (FR)

Application
EP 06122850 A 20061024

Priority
EP 06122850 A 20061024

Abstract (en)
[origin: EP1916575A1] The mechanism has a date ring (10) with a lug (30) and teeth (32a, 32b), and a date wheel set (12) driving an intermediate wheel set (16) through a step when the date passes from the 30 to the 31 of the month. An annual wheel set (14) is meshed with the set (16). The date set drives the set (16) through another step when the date passes from the 31 to the 1st of the month for the months of 31 days. A month indicator ring (52) has an inner flank fitted with teeth cooperating with the intermediate set that rotates the month ring to the latter step.

IPC 8 full level
G04B 19/253 (2006.01)

CPC (source: EP KR US)
G04B 1/00 (2013.01 - KR); **G04B 3/00** (2013.01 - KR); **G04B 19/2536** (2013.01 - EP US)

Cited by
EP2843483A1; FR3104748A1

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

DOCDB simple family (publication)
EP 1916575 A1 20080430; EP 1916575 B1 20081217; AT E418093 T1 20090115; CN 101169620 A 20080430; CN 101169620 B 20101201; DE 602006004357 D1 20090129; HK 1119466 A1 20090306; JP 2008107350 A 20080508; JP 5078542 B2 20121121; KR 20080036926 A 20080429; SG 142272 A1 20080528; US 2008094941 A1 20080424; US 7535802 B2 20090519

DOCDB simple family (application)
EP 06122850 A 20061024; AT 06122850 T 20061024; CN 200710167437 A 20071024; DE 602006004357 T 20061024; HK 08111280 A 20081013; JP 2007273596 A 20071022; KR 20070105452 A 20071019; SG 2007171069 A 20071019; US 92333707 A 20071024