

Title (en)
Calendar mechanism for a timepiece

Title (de)
Jahreskalendermechanismus für Uhrwerk

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

Publication
EP 2141556 B1 20120627 (FR)

Application
EP 08159637 A 20080703

Priority
EP 08159637 A 20080703

Abstract (en)
[origin: EP2141556A1] The mechanism (1) has a control wheel (4) provided with superposed toothing stages, where each toothing stage includes a toothed portion and a tooth-free portion. The tooth-free portion of one of the stages is arranged vertical to a toothed portion of the other stage, where teeth of the former stage are superposed on teeth of the latter stage. The teeth of the toothing stages of the control wheel respectively drive flat top and bottom date rings. An independent claim is also included for a watch including a mechanism covering plate fixed to a bottom plate.

IPC 8 full level
G04B 19/247 (2006.01); **G04B 19/253** (2006.01)

CPC (source: EP KR US)
G04B 19/247 (2013.01 - EP KR US); **G04B 19/25366** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2141556 A1 20100106; EP 2141556 B1 20120627; CN 101620407 A 20100106; CN 101620407 B 20130206; HK 1135480 A1 20100604; JP 2010014713 A 20100121; JP 5443857 B2 20140319; KR 101483799 B1 20150116; KR 20100004856 A 20100113; SG 158021 A1 20100129; US 2010002544 A1 20100107; US 7835229 B2 20101116

DOCDB simple family (application)
EP 08159637 A 20080703; CN 200910139859 A 20090703; HK 10102004 A 20100225; JP 2009156653 A 20090701; KR 20090047268 A 20090529; SG 2009038357 A 20090604; US 49220809 A 20090626