

Title (en)
Date mechanism for timepiece

Title (de)
Kalendermechanismus für eine Uhr

Title (fr)
Mecanisme de quantième de pièce d'horlogerie

Publication
EP 1316858 B1 20080123 (FR)

Application
EP 01811165 A 20011130

Priority
EP 01811165 A 20011130

Abstract (en)
[origin: EP1316858A1] The mechanism has a units pinion/indicator (3) with ten or multiple of ten teeth and a tens pinion/indicator (4) with four or a multiple of four teeth. A peg (9) on the units pinion drives the tens pinion through a return pinion (10). An auxiliary pinion (12) engages alternately with the tens pinion and a tens cam (15) to drive the tens pinion one step between 31 and 01 without driving the units pinion

IPC 8 full level
G04B 19/24 (2006.01); **G04B 19/253** (2006.01)

CPC (source: EP US)
G04B 19/2536 (2013.01 - EP US); **G04B 19/25366** (2013.01 - EP US)

Cited by
EP2141557A3; EP2439600A1; CH713000A1; EP3779609A1; US10668311B2

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 1316858 A1 20030604; EP 1316858 B1 20080123; DE 01811165 T1 20040311; DE 60132602 D1 20080313; DE 60132602 T2 20080828; HK 1053172 A1 20031010; HK 1053172 B 20080328; JP 2003167068 A 20030613; JP 4242634 B2 20090325; US 2003103416 A1 20030605; US 6738316 B2 20040518

DOCDB simple family (application)
EP 01811165 A 20011130; DE 01811165 T 20011130; DE 60132602 T 20011130; HK 03104984 A 20030710; JP 2002350009 A 20021202; US 29543202 A 20021115