

Title (en)

Calender timepiece comprising an equation-of-time device

Title (de)

Kalenderuhr mit Zeitgleichungsvorrichtung

Title (fr)

Pièce d'horlogerie à quantième comprenant un dispositif d'équation du temps marchante

Publication

EP 1637942 A1 20060322 (FR)

Application

EP 04021904 A 20040915

Priority

EP 04021904 A 20040915

Abstract (en)

The timepiece has hour and minute hands (10, 12) indicating civil time, and hour and minute hands (14, 16) indicating true minute. The daily position of the hand (16) is determined by the position of an equation of time cam. A longitude correction mechanism permits to drive the hand (16) forward or backward for a maximum value of +/- 30 minutes by temporarily uncoupling it from a clockwork movement.

IPC 8 full level

G04B 19/23 (2006.01)

CPC (source: EP)

G04B 19/235 (2013.01)

Citation (search report)

- [DYA] EP 1286233 A1 20030226 - PIGUET FREDERIC S A [CH]
- [YA] EP 1343056 A1 20030910 - BRITISH MASTERS SA [CH]
- [A] US 3765162 A 19731016 - IKEGAMI T, et al
- [A] US 5184333 A 19930202 - CASPAR MICHEL [CH]

Cited by

EP3252543A1; EP3270236A1; CN107621772A; EP3640747A1; EP3223085A1; CH712289A1; US7280437B2; EP2187272A1; US10254714B2; US11281161B2; EP3410231B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1637942 A1 20060322; AT E396432 T1 20080615; DE 602005007044 D1 20080703; EP 1792236 A2 20070606; EP 1792236 B1 20080521; WO 2006029722 A2 20060323; WO 2006029722 A3 20060427

DOCDB simple family (application)

EP 04021904 A 20040915; AT 05784183 T 20050901; DE 602005007044 T 20050901; EP 05784183 A 20050901; EP 2005009425 W 20050901