

Title (en)

Calendar 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 1637941 A1 20060322 (FR)

Application

EP 04021894 A 20040915

Priority

EP 04021894 A 20040915

Abstract (en)

The timepiece has an additional minute hand (16) driven by a true time display gear train that drives a mobile carrying an additional hour hand (14) which indicates a true hour. The gear train drives the mobile through an additional equation cannon-pinion fixed on an hour wheel whose end is fixed with the hand (16). The cannon-pinion transmits true hour information to a true hour wheel.

IPC 8 full level

G04B 19/23 (2006.01)

CPC (source: EP)

G04B 19/23 (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

CN104246627A; EP3270236A1; CN107621772A; EP3640747A1; EP2778800A1; CN104049522A; US11774911B2; US9261859B2; US9285774B2; EP2187272A1; EP3772673A1; CN112346325A; JP2021025998A; WO2013127681A1; US10254714B2; US11281161B2; JP2014174177A; JP2015510123A

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 1637941 A1 20060322; EP 1792235 A1 20070606; EP 1792235 B1 20160316; WO 2006029721 A1 20060323

DOCDB simple family (application)

EP 04021894 A 20040915; EP 05777376 A 20050901; EP 2005009424 W 20050901