

Title (en)

Calendar timepiece comprising an equation-of-time device

Title (de)

Kalenderuhr mit Äquationsvorrichtung

Title (fr)

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

Publication

EP 1286233 B1 20080123 (FR)

Application

EP 01202996 A 20010807

Priority

EP 01202996 A 20010807

Abstract (en)

[origin: EP1286233A1] A transmission part which cooperates with a time marking equation cam (32) is a bridge piece (54) having a toothed sector (64) at one end and which is acted on by a reset spring which tends to push its other end (66) against the periphery of the cam (32). . The mechanism includes a time difference equation marking mechanism as well as month indicating mechanism. It has hour and minute hands which indicate civil time and a supplementary minute hand which indicates true time. The daily position of the true time minute hand with respect to the civil minute hand is determined by a the position of a time equation cam (32) rotated by a yearly revolution from the month indicating mechanism. The true time hand is driven by a differential gear (50). A transmission part cooperates with the cam (32) to transmit to the differential the pivoting movement from the cam.

IPC 8 full level

G04B 19/22 (2006.01); **G04B 19/23** (2006.01)

CPC (source: EP)

G04B 19/23 (2013.01)

Cited by

EP2187272A1; EP3339974A1; EP2778800A1; WO2013127681A1; US8588031B2; EP1701226A1; EP1637942A1; EP1637941A1; JP2018009972A; EP3029531A1; FR2852701A1; EP3316048A1; CN108021015A; JP2018109604A; EP2503412A1; CN102692862A; US7372781B2; US10281878B2; US9594348B2; WO03077043A3; WO2006095003A3; WO2006029722A3; WO2004086153A3; WO2006029721A1; EP3270236A1; EP3640747A1; US9285774B2; US7280437B2; US9261859B2; EP3333639A1; EP3333640A1

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