

Title (en)
PERPETUAL CALENDER COMPRISING A QUADRENNIAL CYCLE INDICATOR

Publication
EP 0135823 B1 19871119 (FR)

Application
EP 84110154 A 19840825

Priority
CH 474883 A 19830830

Abstract (en)
[origin: US4541725A] The perpetual calendar mechanism of the invention comprises in addition to the months indicator a four year cycle indicator which displays successively the normal years and the leap-year. The four year cycle indicator is controlled directly or indirectly by a rotatable assembly journaled on the month star such assembly including a year cam and a Maltese cross enabling it to effect one revolution every four years. In one variant illustrated the mechanism includes a first ring bearing the year indications and a second ring concentric to the first ring bearing an index marker. At each year change the index marker is shifted a quarter turn relative to the indications borne by the first ring.

IPC 1-7
G04B 19/24

IPC 8 full level
G04B 19/243 (2006.01); **G04B 19/24** (2006.01); **G04B 19/253** (2006.01)

CPC (source: EP US)
G04B 19/241 (2013.01 - EP US); **G04B 19/2532** (2013.01 - EP US)

Citation (examination)
Les montres-calendrier modernes, B. Humbert, Ed. Scriptor SA, CH-1000 Lausanne (1953), p. 35-46

Cited by
CH688069GA3; EP4369112A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0135823 A1 19850403; EP 0135823 B1 19871119; CH 649433G A3 19850531; DE 3467644 D1 19871223; HK 5193 A 19930129; JP H0246914 B2 19901017; JP S6071976 A 19850423; US 4541725 A 19850917

DOCDB simple family (application)
EP 84110154 A 19840825; CH 474883 A 19830830; DE 3467644 T 19840825; HK 5193 A 19930121; JP 17951984 A 19840830; US 64112284 A 19840815