

Title (en)  
Perpetual calender clock with two motors.

Title (de)  
Ewige Kalenderuhr mit zwei Motoren.

Title (fr)  
Montre calendrier perpétuel à deux moteurs.

Publication  
**EP 0247418 A1 19871202 (FR)**

Application  
**EP 87106776 A 19870511**

Priority  
CH 210986 A 19860526

Abstract (en)  
[origin: US4733384A] This invention is concerned with an analogue calendar watch able to display the hour, the day of the month perpetually, and whenever required, the number of the month via the day of the month display. The watch includes a first motor driving the time display in response to a time base signal, a perpetual calendar circuit including a day counter, a month counter and a year counter and receiving a daily signal supplied by a contact, a control circuit connected to the calendar circuit, and a second motor driving the day of the month display in response to a signal from the control circuit. The display of the number of the month is achieved with a reading circuit that receives from the calendar circuit signals representative of the contents of the day and month counters. The reading circuit issues to the second motor, in response to a month call signal, a control signal to change the day of the month being displayed to the number of the month, and a further control signal to move the day of the month display back to its original position.

IPC 1-7  
**G04C 3/14**; **G04C 17/00**

IPC 8 full level  
**G04C 3/00** (2006.01); **G04C 3/14** (2006.01); **G04C 17/00** (2006.01)

CPC (source: EP US)  
**G04C 3/146** (2013.01 - EP US); **G04C 17/0066** (2013.01 - EP US)

Citation (search report)  
• [A] FR 2394840 A1 19790112 - SUISSE HORLOGERIE [CH]  
• [A] FR 2353889 A1 19771230 - YEMA STE [FR]  
• [A] FR 2404250 A1 19790420 - BERNEY SA JEAN CLAUDE [CH]  
• [A] GB 1590467 A 19810603 - CITIZEN WATCH CO LTD  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 64 (P-59)[736], 30 avril 1981; & JP-A-56 016 886 (SUWA SEIKOSHA K.K.) 18-02-1981  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 56 (P-57)[728], 17 avril 1981; & JP-A-56 008 586 (SUWA SEIKOSHA K.K.) 28-01-1981

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EP0415734A3; EP0735442A1; CH688362GA3

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0247418 A1 19871202**; **EP 0247418 B1 19910424**; CH 663512G A3 19871231; DE 3769514 D1 19910529; HK 70294 A 19940729; JP H0519115 B2 19930315; JP S6325585 A 19880203; US 4733384 A 19880322

DOCDB simple family (application)  
**EP 87106776 A 19870511**; CH 210986 A 19860526; DE 3769514 T 19870511; HK 70294 A 19940721; JP 12608787 A 19870525; US 4634987 A 19870506