

Title (en)

Analogic electronic time piece with multifunctional date disc

Title (de)

Analoges elektronischen Uhrwerk mit multifunktionellem Tagescheibe

Title (fr)

Pièce d'horlogerie électronique analogique à disque de quantième multifonctionnel

Publication

**EP 0735442 B1 19991020 (FR)**

Application

**EP 96104472 A 19960321**

Priority

CH 87195 A 19950328

Abstract (en)

[origin: EP0735442A1] A time keeping unit consisting of an oscillator and quartz resonator drives hour and minute hands (1,2) through frequency dividing and actuating circuits. A daily signal is also delivered to binary counters which record days, months and years. A control button (9) is used to call for the type of additional information required and a multiplexer transmits a signal representing the required hand position. The previous hand position is stored and the difference is used to activate a motor driving the hand in the correct sense and by the correct amount to indicate the information required on the annular scales (4).

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)

Cited by

CN109557798A; CH710890A1; US7889602B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0735442 A1 19961002**; **EP 0735442 B1 19991020**; CH 688362 B5 19980227; CH 688362G A3 19970829; CN 1091891 C 20021002; CN 1147642 A 19970416; DE 69604721 D1 19991125; DE 69604721 T2 20000531; HK 1012082 A1 19990723; JP 2007041011 A 20070215; JP 4290770 B2 20090708; JP H08304567 A 19961122; SG 64351 A1 19990427; US 5668781 A 19970916

DOCDB simple family (application)

**EP 96104472 A 19960321**; CH 87195 A 19950328; CN 96103676 A 19960326; DE 69604721 T 19960321; HK 98113292 A 19981214; JP 2006313205 A 20061120; JP 7220796 A 19960327; SG 1996006629 A 19960319; US 61584296 A 19960314