

Title (en)  
Electronic timepiece comprising a resonator

Title (de)  
Elektronisches Uhrwerk mit einem Resonator

Title (fr)  
Montre électronique comprenant un résonateur

Publication  
**EP 1890204 A1 20080220 (FR)**

Application  
**EP 06118973 A 20060816**

Priority  
EP 06118973 A 20060816

Abstract (en)  
The watch has a time base formed of a piezoelectric resonator (1) e.g. quartz resonator, and an oscillator circuit (2). An electric motor (5) drives needles (6). A circuit (4) controls the motor. A set of connection points supplies an oscillator circuit (2) of the base and the circuit (4). Another set of connection points controls the motor. The circuits (2, 4) are integrated in a single integrated circuit (7). The circuit (7) has a frequency divider (3) placed between an output of the circuit (2) and an input of the circuit (4) for providing signals at a frequency of controlling the motor.

Abstract (fr)  
L'invention concerne une montre électronique comprenant un moteur électrique (5) pour entraîner des moyens d'affichage analogiques (6) et une base de temps (1, 2) comprenant un circuit oscillateur (2) et un résonateur (1), montés tous deux dans un même boîtier (9) caractérisé en ce que ledit boîtier comprend en outre un circuit de commande (4) dudit moteur électrique.

IPC 8 full level  
**G04C 3/00** (2006.01); **G04F 5/06** (2006.01)

CPC (source: EP KR US)  
**G04C 3/008** (2013.01 - EP US); **G04C 3/08** (2013.01 - KR); **G04C 3/14** (2013.01 - EP US); **G04F 5/063** (2013.01 - EP US)

Citation (search report)

- [XY] FR 2283478 A1 19760326 - EBAUCHES SA [CH]
- [XY] US 3969640 A 19760713 - STAUDTE JUERGEN H
- [X] GB 1581917 A 19801231 - CITIZEN WATCH CO LTD
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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**EP 06118973 A 20060816**; AT 06118973 T 20060816; CN 200780030463 A 20070814; EP 2007007172 W 20070814; ES 06118973 T 20060816; HK 09110289 A 20091105; JP 2009524112 A 20070814; KR 20097003078 A 20070814; TW 96129998 A 20070814; US 37782607 A 20070814