

Title (en)

Multifunction timer control device.

Title (de)

Kontrollvorrichtung für multifunktionellen Zeitgeber.

Title (fr)

Dispositif de contrôle pour temporisateur à plusieurs fonctions.

Publication

**EP 0473009 A1 19920304 (EN)**

Application

**EP 91113630 A 19910814**

Priority

IT 6765590 A 19900828

Abstract (en)

Multifunction time control device composed of a first programmed circuit (1) with programs selected by microswitches (6); of a second oscillator circuit (2) generating a fixed frequency of 32.768 Hz afterwards divided by a couple of counters in order to obtain a 1 Hz frequency and by further counters to further divide said frequency and obtain signals with 1 minute and 1 hour pulses; of a third circuit (3) equipped with trigger and logic comparators to select time scales, of a fourth circuit (4) equipped with a programmable counter selected by preselectors (8) and of a supply circuit (5) generating different voltage values. <IMAGE>

IPC 1-7

**G04G 15/00**

IPC 8 full level

**G04G 15/00** (2006.01)

CPC (source: EP)

**G04G 15/006** (2013.01)

Citation (search report)

- [Y] US 4093997 A 19780606 - GERMER WARREN R
- [Y] JOURNAL OF ELECTRONIC ENGINEERING vol. 19, no. 181, January 1982, TOKYO pages 76 - 79; T. OHASHI: 'DIN-SIZED MICROCOMPUTER-BASED DIGITAL TIMERS AND COUNTERS'
- [A] ELEKTOR ELECTRONICS vol. 15, no. 165, March 1989, LONDON pages 60 - 61; J. VINCKIER: 'EPROM-CONTROLLED TIME SWITCH'
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 415 (P-781)4 November 1988 & JP-A-63 153 602 ( MATSUSHITA ELECTRIC WORKS LTD ) 27 June 1988

Designated contracting state (EPC)

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