

Title (en)  
Electronic timeswitch clock

Title (de)  
Elektronische Zeitschaltuhr

Title (fr)  
Montre interrupteur horaire électronique

Publication  
**EP 0563972 B1 19970709 (DE)**

Application  
**EP 93105450 A 19930401**

Priority  
DE 4210874 A 19920401

Abstract (en)  
[origin: EP0563972A2] Time switch having a microprocessor controller which renders it possible to use only three keys (CK, ZK, PK) to input precisely to the minute the switching instances for a weekly operating programme into the switching point programme memory (SP), and to set the counters (M1, H1, D1) for the time of day and day of the week precisely to the minute. In one time switch operating state (U), the contents of the programme memory are compared in a comparator (VG) to the contents of the counters (M1, H1) for the time of day, and in the event of equality the switching contact (K1) is controlled to open or close, and it is possible by actuating the set key (PK) to set two different types (HBA) of manual operation which override the time switch operation (UBA) in a temporary or permanent way. A second switching channel can be set for programming purposes by a channel selection key (KWK). The switching times respectively programmed in terms of day are indicated in a sector display (AS).  
<IMAGE>

IPC 1-7  
**G04G 15/00**; **G04G 9/00**

IPC 8 full level  
**G04G 9/00** (2006.01); **G04G 15/00** (2006.01)

CPC (source: EP)  
**G04G 9/0082** (2013.01); **G04G 15/006** (2013.01)

Cited by  
EP0730209A1; EP1882995A3

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0563972 A2 19931006**; **EP 0563972 A3 19940706**; **EP 0563972 B1 19970709**; DE 4210874 A1 19931007; DE 4210874 C2 19970410; DE 59306851 D1 19970814; ES 2104989 T3 19971016

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**EP 93105450 A 19930401**; DE 4210874 A 19920401; DE 59306851 T 19930401; ES 93105450 T 19930401