

Title (en)  
Electronic timeswitch.

Title (de)  
Elektronischer Zeitschalter.

Title (fr)  
Interrupteur horaire électronique.

Publication  
**EP 0141655 A2 19850515 (EN)**

Application  
**EP 84307564 A 19841102**

Priority  
GB 8329586 A 19831104

Abstract (en)  
The timeswitch comprises a switch actuated in accordance with a pre-set switching program, by microprocessor controlled circuitry, and a display 10 comprising an analogue time display portion 10a. The analogue portion 10a comprises inner and outer concentric circles of actuable indicia 12, 14. In the running mode of the timeswitch, in one configuration, the indicia 14 of the inner circle are sequentially actuated to represent the hour hand of an analogue clock displaying the actual time. The outer indicia 12 are actuated in groups to represent the switching program <<on>> times. In the programming mode, the time indicated by the inner indicia 14 may be manually selected, whereafter the state of the switch at that time may be selected. The outer indicia 12 are actuated in sets to represent the switching program being entered. Other configurations of the timeswitch are possible according to the microprocessor software, and some examples are described.

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

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  
US6388952B2; EP0563972A3; GB2200772A; GB2200772B; FR2727218A1; EP2071417A1; EP0730209A1; EP0316913A3; US5088071A; GB2379286A; CH690517A5; WO0029915A1; WO03005133A1; WO0201302A1; US8050145B2; US10048653B2

Designated contracting state (EPC)  
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0141655 A2 19850515**; **EP 0141655 A3 19850703**; **EP 0141655 B1 19910227**; AT E61125 T1 19910315; AU 3467784 A 19850509; AU 562894 B2 19870618; DE 3484168 D1 19910404; GB 2149153 A 19850605; GB 2149153 B 19861112; GB 8329586 D0 19831207; NZ 209966 A 19870930

DOCDB simple family (application)  
**EP 84307564 A 19841102**; AT 84307564 T 19841102; AU 3467784 A 19841025; DE 3484168 T 19841102; GB 8329586 A 19831104; NZ 20996684 A 19841023