

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 84307564.9

51 Int. Cl.⁴: G 04 G 9/00
 G 04 G 15/00

22 Date of filing: 02.11.84

30 Priority: 04.11.83 GB 8329586

43 Date of publication of application:
 15.05.85 Bulletin 85/20

88 Date of deferred publication of search report: 03.07.85

64 Designated Contracting States:
 AT BE CH DE FR IT LI NL SE

71 Applicant: SCHLUMBERGER ELECTRONICS (U.K.)
 LIMITED
 124 Victoria Road
 Farnborough Hampshire GU14 7PW(GB)

72 Inventor: Faerstrand, William A.
 48 Middlepenny Road
 Langbank Renfrewshire PA14 6XE(GB)

72 Inventor: Farrell, John
 78 Glenfield Road
 Paisley Renfrewshire(GB)

72 Inventor: Bannister, Roger
 20 Balmoral Drive
 Carmyle Glasgow G32 8DW(GB)

74 Representative: Pears, David Ashley et al,
 REDDIE & GROSE 16 Theobalds Road
 London WC1X 8PL(GB)

54 **Electronic timeswitch.**

57 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 actuatable 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.

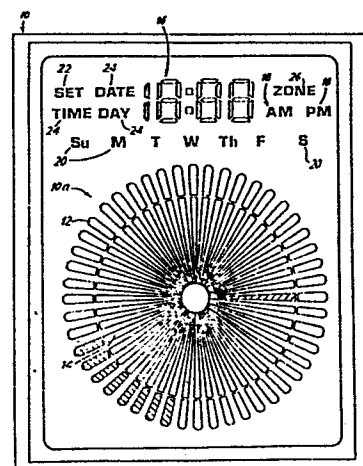


Fig. 1



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2 493 552 (HITACHI LTD.) * Page 12, line 33 - page 13, line 5 * ---	1,9	G 04 G 9/00 G 04 G 15/00
A	GB-A-2 052 111 (K.K.SEIKOSHA) * Figures * ---	1-8	
A	DE-A-2 742 242 (E.ROETHKE) ---	1	
A	DE-A-2 841 334 (ALRE ELEKTRO-MECHANIK GmbH & CO. GERATEBAU KG) ---	1	
P,A	EP-A-0 119 312 (VIESSMANN WERKE KG) -----	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-02-1985	Examiner EXELMANS U.G.J.R.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	