Title (en)

ELECTRONIC TIME-PROGRAMME COMMUTATING DEVICE

Publication

EP 0092211 B2 19910703 (DE)

Application

EP 83103713 A 19830417

Priority

DE 3214372 A 19820420

Abstract (en)

[origin: WO8303688A1] The timed or time-programmed electronic switching apparatus comprises an electronic clock with a pulse generator and time period divider stages, a central unit comprising primary read and write stores and/or constant stores, a calculating unit and comparison stages, a programm store with relative counting and decoding devices for the functional signals, a light digit display device, an input unit with control elements such as buttons, push-buttons and switches, an output unit to energize and de-energize the switching devices for consumption circuits, as well as corresponding control and supply assemblies. The novelty consists in that the control elements are distributed in subgroups or a first selection and a second selection of function comprising interlocking, releasing and change-over switches, respectively push-buttons intended to the selection of functions as well as for the determination of data relative to the switching times comprising keys to enter individual and multiple pulses with exclusion, respectively mutual release of a single one according to a selected sequence which depends on the actuation duration thereof or partially through a confirmation, as a complete data frame relative to the interlocking and releasing, with subgroups for interlocking and releasing data, each comprising the channel, the day and the time. The subgroups are compatible with the subsets of a programmation memory cooperating with the light digit display unit, as well as with adressable registers of the primary memory.

IPC 1-7

G04G 15/00

IPC 8 full level

G04G 15/00 (2006.01)

CPC (source: EP US)

G04G 15/006 (2013.01 - EP US)

Cited by

EP0503265A1; DE3622681A1; EP0316913A3; US5088071A; WO8603308A1; EP0447849B1

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DOCDB simple family (publication)

EP 0092211 A1 19831026; **EP 0092211 B1 19871119**; **EP 0092211 B2 19910703**; AT E30974 T1 19871215; DE 3214372 A1 19831103; DE 3214372 C2 19880714; DE 3374613 D1 19871223; ES 521646 A0 19840116; ES 8402083 A1 19840116; GR 78191 B 19840926; IE 54902 B1 19900314; IE 830891 L 19831020; US 4594007 A 19860610; WO 8303688 A1 19831027

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