

Title (en)

ELECTRONIC CONTROL CIRCUIT FOR A MULTI-MODE APPARATUS COMPRISING A MECHANISM WITH AN ELECTROMAGNET

Publication

**EP 0112740 B1 19890524 (FR)**

Application

**EP 83402226 A 19831118**

Priority

FR 8220111 A 19821129

Abstract (en)

[origin: US4578734A] The invention relates to an electronic device controlling the electromagnet of a multiple operation electrical apparatus. The electromagnetic coil (14) is connected in series to a triac (25) regulated by a generator (32) associated with a monostable flip-flop (34) designed to supply a single pulse of time-length T at each order from a logic circuit (36). A selector (38) cooperates with each output S1, S2, S3 . . . of the logic circuit (36) to choose a predetermined mode of operation of the apparatus (10), particularly remote-operated switch, contactor, or ON-OFF mode.

IPC 1-7

**H01H 47/02**

IPC 8 full level

**H01H 47/32** (2006.01); **G05F 1/455** (2006.01); **H01F 7/18** (2006.01); **H01H 9/56** (2006.01); **H01H 47/02** (2006.01); **H02M 1/08** (2006.01)

CPC (source: EP US)

**H01H 9/56** (2013.01 - EP US); **H01H 47/02** (2013.01 - EP US)

Citation (examination)

EP 0103040 A1 19840321 - BBC BROWN BOVERI & CIE [DE]

Cited by

FR2637413A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

**US 4578734 A 19860325**; AT E43455 T1 19890615; AU 2176683 A 19840607; AU 558521 B2 19870129; CA 1210124 A 19860819; DE 3379924 D1 19890629; EP 0112740 A1 19840704; EP 0112740 B1 19890524; ES 527480 A0 19840901; ES 8407240 A1 19840901; FR 2536904 A1 19840601; FR 2536904 B1 19851108; JP H0418685 B2 19920327; JP S59150408 A 19840828; ZA 838697 B 19840926

DOCDB simple family (application)

**US 55193583 A 19831115**; AT 83402226 T 19831118; AU 2176683 A 19831128; CA 442057 A 19831128; DE 3379924 T 19831118; EP 83402226 A 19831118; ES 527480 A 19831123; FR 8220111 A 19821129; JP 22400583 A 19831128; ZA 838697 A 19831122