

Title (en)

CONTACTOR DEVICE WITH MEANS FOR AUTOMATICALLY BREAKING POWER CIRCUITS AND WITH A LOCAL OPERATING DEVICE

Publication

EP 0079818 B1 19850206 (FR)

Application

EP 82402019 A 19821103

Priority

FR 8120919 A 19811109

Abstract (en)

[origin: ES8308144A1] A contactor apparatus comprising means for automatically opening power circuits should faults occur and a local control member. This apparatus comprises a plurality of power lines (8) each comprising a power contact (2) adapted to be opened during a short circuit by a striker (28), a coil (13) and a bimetallic strip (14), responding to smaller overloads. The elements responsive to overcurrents act on a cascade of sudden tripping devices (19) (17) (31) which govern the positions of the local control member (18) and act on a control switch (4) placed in series with the electromagnet (1). Such an apparatus is advantageously used in installations where protection of the lines, remote control and local control of the consumer apparatus are desired.

IPC 1-7

H01H 71/68

IPC 8 full level

H01H 9/54 (2006.01); **H01H 33/59** (2006.01); **H01H 71/68** (2006.01); **H01H 73/36** (2006.01); **H01H 89/08** (2006.01); **H01H 71/50** (2006.01)

CPC (source: EP US)

H01H 89/08 (2013.01 - EP US); **H01H 71/501** (2013.01 - EP US); **Y10S 200/42** (2013.01 - EP US)

Cited by

FR2622028A1; FR2574218A1; FR2598027A1; EP0250223A3; EP0179677A1; FR2570872A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0079818 A1 19830525; EP 0079818 B1 19850206; AT E11710 T1 19850215; BR 8206474 A 19830927; CA 1182202 A 19850205; DE 3262238 D1 19850321; ES 517207 A0 19830816; ES 8308144 A1 19830816; FI 70756 B 19860626; FI 70756 C 19861006; FI 823843 A0 19821109; FI 823843 L 19830510; FR 2516297 A1 19830513; FR 2516297 B1 19840106; HK 77285 A 19851018; IN 158467 B 19861122; JP H0127536 B2 19890530; JP S58103729 A 19830620; NO 159127 B 19880822; NO 159127 C 19881130; NO 823712 L 19830510; SG 38685 G 19870703; US 4495538 A 19850122; ZA 828014 B 19830831

DOCDB simple family (application)

EP 82402019 A 19821103; AT 82402019 T 19821103; BR 8206474 A 19821109; CA 415199 A 19821109; DE 3262238 T 19821103; ES 517207 A 19821108; FI 823843 A 19821109; FR 8120919 A 19811109; HK 77285 A 19851010; IN 807DE1982 A 19821103; JP 19668782 A 19821109; NO 823712 A 19821108; SG 38685 A 19850523; US 44038282 A 19821109; ZA 828014 A 19821102