

Title (en)

Electromechanic switchgear with additive frontal block.

Title (de)

Elektromechanisches Schaltgerät mit frontalem Zusatzbauteil.

Title (fr)

Appareil interrupteur électromécanique à bloc additif frontal.

Publication

EP 0511042 A1 19921028 (FR)

Application

EP 92400920 A 19920402

Priority

FR 9105422 A 19910422

Abstract (en)

Electromechanical switchgear, in particular motor circuit breaker, comprising a main apparatus to which is adjoined an additive block of auxiliary contacts. The main casing (10) has a frontal opening (33) situated between an area (13) for access to the power terminals and a nose (20) which carries operating buttons and/or display elements; the casing (40) of the additive block is a cassette capable of being inserted and held in a removable manner in this opening. <IMAGE>

IPC 1-7

H01H 9/00; H01H 50/54; H01H 71/46

IPC 8 full level

H01H 9/02 (2006.01); **H01H 50/54** (2006.01); **H01H 71/46** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP KR)

H01H 9/00 (2013.01 - KR); **H01H 9/02** (2013.01 - KR); **H01H 11/00** (2013.01 - KR); **H01H 50/54** (2013.01 - KR); **H01H 50/545** (2013.01 - EP);
H01H 71/46 (2013.01 - KR); **H01H 71/465** (2013.01 - EP); **H01H 11/0012** (2013.01 - EP)

Citation (search report)

- [A] US 4774484 A 19880927 - LEHMAN LEWIS M [US], et al
- [AD] US 4622444 A 19861111 - KANDATSU KIYOSHI [JP], et al
- [A] DE 1590883 A1 19701217 - SCHALTELEKTRONIK VEB K
- [A] EP 0318344 A1 19890531 - TELEMECANIQUE ELECTRIQUE [FR]

Cited by

FR2813706A1; DE19918577A1; EP1030336A3; FR2907257A1; FR2816444A1; FR2820900A1; DE19906236A1; SG82668A1; EP1030337A3;
US6897748B2; US7268987B2; WO9523422A1; WO02065498A1; WO0113397A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 0511042 A1 19921028; EP 0511042 B1 19970312; DE 69218025 D1 19970417; DE 69218025 T2 19970703; FR 2675624 A1 19921023;
FR 2675624 B1 19930806; JP H07169355 A 19950704; KR 0123928 B1 19971209; KR 920020552 A 19921121

DOCDB simple family (application)

EP 92400920 A 19920402; DE 69218025 T 19920402; FR 9105422 A 19910422; JP 10130092 A 19920421; KR 920006755 A 19920422