

Title (en)
MODULAR CIRCUIT BREAKER

Publication
EP 0018553 B1 19830727 (FR)

Application
EP 80102075 A 19800418

Priority
FR 7910461 A 19790425

Abstract (en)
[origin: EP0018553A1] 1. A modular circuit breaker comprising in a box of essentially rectangular cross-section, means for manual and automatic release, the automatic release means being controlled at low overload intensities by the deflection of a bimetal strip (8) and at the higher intensities by an electromagnetic device (13) placed in series with desionization plates (17-21), the manual release means being controlled by a handle which displaces a movable contact (6) serving for the disconnection and supported by a contact-carrier (37), the automatic release means further comprising a hooking cylinder (40) revolving under the effect of said bimetal strip (8) or said electromagnetic device (13) and thus releasing said contact-carrier (37) in order to displace said movable contact (6), said desionization plates (17-21) and said contact-carrier (37) being disposed essentially along the direction of the diagonal line of the cross-section of said box, characterized in that said bimetal strip (8) is further disposed along said direction and that a rounded end (75) of said bimetal strip (8) cooperates with a cam (76) of said hooking cylinder (40) which cam further comprises a flat part (78) permitting, by a continuous displacement of the end (75) on this flat part, the disengagement of said bimetal strip (8) during the operation at said high intensities.

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IPC 8 full level
H01H 71/16 (2006.01); **H01H 71/50** (2006.01); **H01H 73/50** (2006.01)

CPC (source: EP)
H01H 71/16 (2013.01); **H01H 71/505** (2013.01); **H01H 73/50** (2013.01); **H01H 2071/0292** (2013.01)

Citation (examination)
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