

Title (en)

Modular breaker with an auxiliary tripping block associated with a multipole breaker block.

Title (de)

Modulschutzschalter, bestehend aus einem mit einem mehrpoligen Leistungsschutzschalterblock zusammenwirkenden Auslöseblock.

Title (fr)

Disjoncteur modulaire à bloc déclencheur auxiliaire associé à un bloc disjoncteur multipolaire.

Publication

EP 0295155 A1 19881214 (FR)

Application

EP 88401006 A 19880425

Priority

FR 8706623 A 19870511

Abstract (en)

A modular breaker is formed by associating an auxiliary, in particular differential or emission, tripping block 12 with a multipole breaker block 10. The mechanism 46 for controlling the tripping block 12 is driven by a relay 45 and is connected to the breaker block 10 by a first mechanical link 48 with tripping finger 52, and a second mechanical link 50 with rearming handle 54. In the event of discord between the handles 24, 54 when an unarmed tripping block 12 is associated with a closed breaker block 10, the tripping finger 52 of the first link 48 interacts with a pad 64 for operating the trip bar 26 in order to cause the forced tripping of the breaker block 10. The opening of the latter then allows the coupling of the handles 24, 54 in order to form the second mechanical rearming link 50 which may be one-way or two-way. <IMAGE>

IPC 1-7

H01H 83/20; **H01H 71/10**

IPC 8 full level

H01H 71/10 (2006.01); **H01H 83/20** (2006.01)

CPC (source: EP)

H01H 71/1009 (2013.01); **H01H 83/20** (2013.01); **H01H 2071/0278** (2013.01)

Citation (search report)

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- [A] FR 2132129 A1 19721117 - BBC BROWN BOVERI & CIE, et al
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Designated contracting state (EPC)

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FR 2615323 A1 19881118; **FR 2615323 B1 19890630**; DE 3875528 D1 19921203; DE 3875528 T2 19930513; EP 0295155 A1 19881214; EP 0295155 B1 19921028; ES 2035934 T3 19930501

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