

Title (en)

CLOSING DELAY ARRANGEMENT FOR CURRENT LIMITING CIRCUIT BREAKER CONTACTS

Publication

EP 0189887 A3 19890405 (EN)

Application

EP 86101066 A 19860127

Priority

IT 1927985 A 19850129

Abstract (en)

[origin: EP0189887A2] A control arrangement to prevent or delay the closing of current limiting circuit breaker contacts after opening by repulsion due to a short circuit is disclosed. A first contact arm (10) and a second contact arm (12) are operatively associated with a ratchet (38) for locking the second contact arm (12). A release lever (62) operatable by the first contact arm (10) and the breaker operating mechanism releases the ratchet (38) after a delay period greater than the duration of the short circuit or the operating time of the breaker operating mechanism.

IPC 1-7

H01H 71/44; **H01H 77/10**

IPC 8 full level

H01H 71/44 (2006.01); **H01H 77/10** (2006.01); **H01H 7/00** (2006.01); **H01H 75/04** (2006.01)

CPC (source: EP)

H01H 77/104 (2013.01); **H01H 7/00** (2013.01); **H01H 75/04** (2013.01)

Citation (search report)

- [A] FR 1551832 A 19681227
- [A] US 3469216 A 19690923 - SHIRAISHI TOKUO
- [A] FR 2400761 A1 19790316 - GOULD INC [US]

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CN107958828A; EP1047090A1; FR2792768A1; US6747532B1; US6337449B1

Designated contracting state (EPC)

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EP 0189887 A2 19860806; **EP 0189887 A3 19890405**; **EP 0189887 B1 19920108**; AT E71474 T1 19920115; DE 3683301 D1 19920220; IT 1184864 B 19871028; IT 8519279 A0 19850129

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