

Title (en)
Circuit breaker and linked auxiliary switch

Title (de)
Leistungsschalter mit ankoppelbaren Hilfsschalter

Title (fr)
Disjoncteur et interrupteur auxiliaire accouplé

Publication
EP 0828277 A3 19990331 (DE)

Application
EP 97114671 A 19970825

Priority
DE 19636109 A 19960905

Abstract (en)
[origin: DE19636109C1] A circuit breaker with couplable auxiliary switch (HS) in which the circuit breaker has a switch lock (11) with a switch shaft (16) or with a switch slide via which the main contact (24) of the circuit breaker and the auxiliary contacts (26,27) of the auxiliary circuit breaker can be switched. No linkage of the auxiliary switch to the switch shaft (16) exists in the ON position of the circuit breaker, and during change into the OFF state of the circuit breaker, after over-riding pre-travel (28), the switch shaft actuates a change in the (switch) state of the auxiliary switch. The pre-travel (28) is specifically provided between the switch shaft (16) and a slide (21).

IPC 1-7
H01H 71/46

IPC 8 full level
H01H 71/46 (2006.01)

CPC (source: EP)
H01H 71/46 (2013.01)

Citation (search report)

- [Y] EP 0454018 A2 19911030 - ABB PATENT GMBH [DE]
- [Y] DE 3903414 A1 19890831 - LINDNER GMBH [DE]
- [A] FR 2674370 A1 19920925 - TELEMECANIQUE [FR]
- [A] DE 4304771 C1 19940324 - KLOECKNER MOELLER GMBH [DE]

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19636109 C1 19971218; CN 1079574 C 20020220; CN 1177193 A 19980325; DE 59712699 D1 20060907; EP 0828277 A2 19980311; EP 0828277 A3 19990331; EP 0828277 B1 20060726

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