

Title (en)
Electrical switch device.

Title (de)
Elektrische Schalteinrichtung.

Title (fr)
Dispositif interrupteur électrique.

Publication
EP 0655760 A3 19970604 (DE)

Application
EP 94118458 A 19941124

Priority
DE 4340632 A 19931130

Abstract (en)
[origin: EP0655760A2] A switching device which can be used in at least one mains conductor of a medium-voltage or high-voltage power supply network interrupts the at least one mains conductor if a specific overcurrent occurs. In order to simplify and reduce the price of the switching device, a non-linear resistor having a positive temperature coefficient is connected in series with an electrical load interrupter switch, which resistor limits the overcurrent which occurs to current levels which can be switched by the load interrupter switch. A short-circuit current can be switched by assigning a load interrupter switch to a non-linear resistor. <IMAGE>

IPC 1-7
H01H 33/16

IPC 8 full level
H01C 7/02 (2006.01); **H01C 7/12** (2006.01); **H01H 33/16** (2006.01); **H01H 33/59** (2006.01); **H01H 71/40** (2006.01)

CPC (source: EP)
H01H 33/161 (2013.01); **H01H 2033/163** (2013.01)

Citation (search report)
• [A] EP 0363746 A1 19900418 - ASEA BROWN BOVERI [SE]
• [A] WO 9307667 A1 19930415 - ASEA BROWN BOVERI [SE]
• [A] WO 9112643 A1 19910822 - ASEA BROWN BOVERI [SE]
• [A] EP 0519346 A1 19921223 - ABB PATENT GMBH [DE]
• [A] GB 2055264 A 19810225 - BBC BROWN BOVERI & CIE

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DE19702094A1; US6038117A; DE19702094B4; EP3416179A1; FR3067870A1; US6628485B1; US6259349B1; US6492799B1; US10741350B2

Designated contracting state (EPC)
CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0655760 A2 19950531; EP 0655760 A3 19970604; EP 0655760 B1 20000105; CN 1110000 A 19951011; DE 4340632 A1 19950601; DE 59409050 D1 20000210; DK 0655760 T3 20000529; ES 2143518 T3 20000516; JP H087721 A 19960112

DOCDB simple family (application)
EP 94118458 A 19941124; CN 94118865 A 19941129; DE 4340632 A 19931130; DE 59409050 T 19941124; DK 94118458 T 19941124; ES 94118458 T 19941124; JP 29768394 A 19941130