

Title (en)  
Power circuit breaker.

Title (de)  
Leitungsschutzschalter.

Title (fr)  
Disjoncteur de puissance.

Publication  
**EP 0670585 A3 19971029 (DE)**

Application  
**EP 95710005 A 19950209**

Priority  
DE 4406670 A 19940301

Abstract (en)  
[origin: EP0670585A2] The circuit breaker has a magnet trigger device (22) which acts on a switch latch device (19) to open a contact mechanism (21) in the case of a circuit overload. An arc quenching packet (23) is connected to the magnet trigger (22). The trigger (22) has two coils (33a,33b) connected in parallel. The switch latch may comprise to switch latches (19) each with an associated contact mechanism (21). An arc quenching packet (23) may then be connected to each coil (33a,33b). Lug terminals (81) may be provided at the input and output for connecting the lead. A grip connection (80) may be provided for mechanically coupling switch toggles (20).

IPC 1-7  
**H01H 71/10**; **H01H 71/40**

IPC 8 full level  
**H01H 71/10** (2006.01); **H01H 71/40** (2006.01); **H01H 37/54** (2006.01); **H01H 71/08** (2006.01)

CPC (source: EP US)  
**H01H 71/1045** (2013.01 - EP US); **H01H 71/40** (2013.01 - EP US); **H01H 37/54** (2013.01 - EP US); **H01H 71/08** (2013.01 - EP US);  
**H01H 2071/407** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 2402092 A1 19750731 - LICENTIA GMBH
- [A] DE 508066 C 19300924 - SIEMENS AG
- [A] DE 3515158 A1 19861106 - LINDNER GMBH [DE]
- [A] EP 0322321 A1 19890628 - MERLIN GERIN [FR]
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Designated contracting state (EPC)  
CH DE GB LI

DOCDB simple family (publication)  
**EP 0670585 A2 19950906**; **EP 0670585 A3 19971029**; AU 1356895 A 19950907; AU 682429 B2 19971002; DE 4406670 A1 19950914;  
DE 4406670 C2 19970306; DE 4406670 C3 19990909; US 5565828 A 19961015

DOCDB simple family (application)  
**EP 95710005 A 19950209**; AU 1356895 A 19950228; DE 4406670 A 19940301; US 39501095 A 19950227