

Title (en)

Contact system for high power circuit breaker.

Title (de)

Kontaktsystem für einen Hochleistungsschalter.

Title (fr)

Système de contact pour disjoncteur haute puissance.

Publication

**EP 0665565 A3 19970917 (DE)**

Application

**EP 95101010 A 19950126**

Priority

DE 4402935 A 19940201

Abstract (en)

[origin: EP0665565A2] The high voltage power switch has a cylindrical housing (11) with an internal metal screening (13). Projecting internally at the centre is a contact element (16). Located over this is a tubular contact carrier (17) that can move axially by displacement of a piston (18). Contact fingers (27) are positioned in the gap within a cage (26). Positioned in parallel is a burn off contact ring (24). When the main contacts open the burn-off contact remains in engagement to minimise main contact cover. The burn-off contact is of graphite and diffuses the arcing effect.

IPC 1-7

**H01H 33/91**; **H01H 33/12**

IPC 8 full level

**H01H 33/70** (2006.01); **H01H 1/38** (2006.01); **H01H 33/12** (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP KR)

**H01H 1/38** (2013.01 - KR); **H01H 1/385** (2013.01 - EP); **H01H 33/12** (2013.01 - EP KR); **H01H 33/91** (2013.01 - KR)

Citation (search report)

- [A] EP 0015865 A1 19800917 - SIEMENS AG [DE]
- [A] FR 2134376 A1 19721208 - SIEMENS AG
- [A] FR 2692716 A1 19931224 - ALSTHOM GEC [FR]

Cited by

EP0951038A1; EP2465125A4; DE19757403A1

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

**EP 0665565 A2 19950802**; **EP 0665565 A3 19970917**; **EP 0665565 B1 20000628**; DE 4402935 A1 19950803; DE 59508500 D1 20000803; JP H07262890 A 19951013; KR 950034337 A 19951228

DOCDB simple family (application)

**EP 95101010 A 19950126**; DE 4402935 A 19940201; DE 59508500 T 19950126; JP 1289095 A 19950130; KR 19950001750 A 19950128