

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