

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 B1 20000628 (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)

Cited by
EP0951038A1; DE19757403A1; EP2465125A4

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