

Title (en)
ELECTRIC SWITCH HAVING AN AMELIORATED DIELECTRIC STRENGTH

Publication
EP 0239460 B1 19920603 (FR)

Application
EP 87400528 A 19870310

Priority
FR 8604493 A 19860326

Abstract (en)
[origin: US4748304A] A puffer-type electrical circuit breaker is insulated by an SF6 insulating gas contained in a casing of moulded insulating material. The circuit breaker comprises a system of contacts, a pair of connection terminals electrically connected to the contacts by means of bushings passing through the wall of the casing in a perpendicular direction to the longitudinal axis, and means of fixing the casing to a metal support at ground or earth potential. The external lateral surface of the insulating casing comprises a plurality of longitudinal flanges designed to increase the creepage distance between the terminals and the support. The creepage distance value is greater than the distance in the air between the same parts.

IPC 1-7
H01H 9/52; **H01H 33/24**

IPC 8 full level
H01H 9/52 (2006.01); **H01H 33/24** (2006.01); **H01H 33/915** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP KR US)
H01H 9/52 (2013.01 - EP US); **H01H 33/24** (2013.01 - EP US); **H01H 33/91** (2013.01 - KR); **H01H 33/122** (2013.01 - EP US);
H01H 2009/526 (2013.01 - EP US)

Cited by
DE3803117A1; EP2458697A3; CN106960759A; US8872054B2; WO2005045865A1; EP2107659A1

Designated contracting state (EPC)
BE CH DE ES GB IT LI SE

DOCDB simple family (publication)
EP 0239460 A1 19870930; **EP 0239460 B1 19920603**; CA 1289605 C 19910924; CN 1014371 B 19911016; CN 87102311 A 19871007;
DE 3779470 D1 19920709; FR 2596576 A1 19871002; FR 2596576 B1 19880527; IN 168698 B 19910518; JP S62234826 A 19871015;
KR 870009421 A 19871026; KR 950003869 B1 19950420; US 4748304 A 19880531

DOCDB simple family (application)
EP 87400528 A 19870310; CA 532149 A 19870316; CN 87102311 A 19870326; DE 3779470 T 19870310; FR 8604493 A 19860326;
IN 186MA1987 A 19870317; JP 7130687 A 19870325; KR 870002753 A 19870325; US 2639087 A 19870316