

Title (en)
OVERVOLTAGE PROTECTING DEVICE

Title (de)
ÜBERSpannungsABLEITER

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS

Publication
EP 0674816 B1 19970219 (DE)

Application
EP 94900755 A 19931202

Priority
• DE 9301158 W 19931202
• DE 9217480 U 19921216

Abstract (en)
[origin: CA2151825A1] A surge voltage protector (1) for high voltage has a porcelain housing (2) with safety shields (3, 4, 7, 8). In the central area along the longitudinal axis of the surge voltage protector (1), safety shields (3) with a larger diameter may alternate with safety shields (4) having a smaller diameter. The surge voltage protector (1) has blow-out apertures (5) at its ends, and gas under high pressure flows out of these apertures in the event of a short-circuit current. To protect the safety shields from damage, the safety shields (7, 8) that are closest to the blow-out apertures (5) are constructed with smaller diameters than the other safety shields.

IPC 1-7
H01T 1/15; **H01C 7/12**; **H01B 17/46**

IPC 8 full level
H01C 7/12 (2006.01); **H01B 17/42** (2006.01); **H01B 17/46** (2006.01); **H01T 1/15** (2006.01)

CPC (source: EP US)
H01C 7/12 (2013.01 - EP US); **H01T 1/15** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 9217480 U1 19930211; CA 2151825 A1 19940623; DE 59305504 D1 19970327; EP 0674816 A1 19951004; EP 0674816 B1 19970219; JP H08504999 A 19960528; US 5594614 A 19970114; WO 9414216 A1 19940623

DOCDB simple family (application)
DE 9217480 U 19921216; CA 2151825 A 19931202; DE 59305504 T 19931202; DE 9301158 W 19931202; EP 94900755 A 19931202; JP 51364993 A 19931202; US 48141295 A 19950825