

Title (en)
GAS DISCHARGE SURGE ABSORBER.

Title (de)
GASENTLADUNGS-ÜBERSPANNUNGSABLEITER.

Title (fr)
PARASURTENSION A DECHARGE GAZEUSE.

Publication
EP 0436529 B1 19940427

Application
EP 88908942 A 19881012

Priority
• DE 3833167 A 19880927
• DE 8800638 W 19881012

Abstract (en)
[origin: WO9003677A1] A gas discharge surge absorber (10) with an insulator (11, 12) consisting of a small ceramic tube is economical to manufacture and suitable for automatic bulk processing. To obtain the desired material properties of the outer surface of the surge absorber, the electrodes (11, 12) are zinc coated (20) and the outer surface of the ceramic insulator has an annular protective coating (19) of acid- and heat resistant paint or lacquer with no discontinuities in the axial direction or the surge absorber. The protective layer (19) has a width of at least 1 mm. It can be designed as part of the identification marking of the surge absorber and hence as a reversed print (21). The electrodes (11, 12) can also be provided with zinc-coated connecting wires (16, 17).

IPC 1-7
H01T 4/04; **H01T 4/12**

IPC 8 full level
H01T 4/04 (2006.01); **H01T 4/12** (2006.01)

CPC (source: EP US)
H01T 4/04 (2013.01 - EP US); **H01T 4/12** (2013.01 - EP US)

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WO 9003677 A1 19900405; AU 2541988 A 19900418; AU 619506 B2 19920130; DE 3833167 A1 19900329; DE 3889343 D1 19940601; EP 0436529 A1 19910717; EP 0436529 B1 19940427; JP 2666188 B2 19971022; JP H04500880 A 19920213; US 5103135 A 19920407

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