

Title (en)
GAS-DISCHARGE SURGE ARRESTER

Publication
EP 0242590 B1 19890607 (DE)

Application
EP 87104006 A 19870318

Priority
DE 3613582 A 19860422

Abstract (en)
[origin: US4831485A] An overvoltage arrester for high surge currents having an increased useful life while maintaining suitable electrical properties comprising a pair of electrodes secured to an insulator housing in confronting, spaced relation to provide a discharge gap, the electrodes being covered with a metallic activation compound comprising metallic barium aluminum dispersed in a matrix of metallic aluminum, the matrix being fused onto the confronting surfaces. Additional metal additives may be embedded or alloyed with the metals of the activation layer.

IPC 1-7
H01T 1/22

IPC 8 full level
H01T 4/12 (2006.01); **H01T 1/22** (2006.01)

CPC (source: EP US)
H01T 1/22 (2013.01 - EP US)

Citation (examination)
EP 0138082 A1 19850424 - SIEMENS AG [DE]

Cited by
DE3727545A1; CN106329316A; EP0425736A1; US5151630A

Designated contracting state (EPC)
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EP 0242590 A1 19871028; EP 0242590 B1 19890607; DE 3760233 D1 19890713; JP S62256393 A 19871109; US 4831485 A 19890516

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EP 87104006 A 19870318; DE 3760233 T 19870318; JP 9611587 A 19870417; US 19858988 A 19880523