

Title (en)

Gas discharge tube with a metal oxide varistor housing

Title (de)

Gasentladungsrohr mit metalloxidischem Gehäuse

Title (fr)

Tube à décharge à gas muni d'un boîtier d'oxyde de métal

Publication

EP 0893863 A1 19990127 (EN)

Application

EP 98401806 A 19980717

Priority

US 89764497 A 19970721

Abstract (en)

An electrical over-voltage suppression device integrating crowbar protection with clamping protection in a single component form, a gas volume defined by a gas discharge tube with spaced-apart electrodes acting as arcing targets providing crowbar protection, and a varistor integral to the gas discharge tube providing clamping protection. <IMAGE>

IPC 1-7

H01T 4/12

IPC 8 full level

H01C 7/10 (2006.01); **H01T 1/16** (2006.01); **H01T 4/12** (2006.01)

CPC (source: EP)

H01T 4/12 (2013.01)

Citation (search report)

- [X] DE 2355426 A1 19750515 - SIEMENS AG
- [X] DE 2641514 A1 19780316 - SIEMENS AG
- [A] US 5289335 A 19940222 - KATO GIICHIRO [JP]
- [X] DATABASE WPI Section Ch Week 9123, Derwent World Patents Index; Class L03, AN 91-164576, XP002078484

Cited by

US10673187B2; GB2345390A; ES2195743A1; WO2004034545A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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