

Title (en)

Surge arrester with insulative support bracket.

Title (de)

Überspannungsableiter mit isolierenden Trägerarm.

Title (fr)

Dérivateur de surtensions à bras de support isolateur.

Publication

EP 0655814 A1 19950531 (EN)

Application

EP 94308786 A 19941129

Priority

US 15894993 A 19931129

Abstract (en)

A surge arrester for use in connection with a high voltage electric power distribution system includes a housing, a plurality of metal oxide varistor blocks disposed within the housing, a ground lead disconnecter, and a conductive stud which electrically couples the ground lead disconnecter to the varistor blocks. The surge arrester has a metal support arm disposed between the housing and the ground lead disconnecter, and isolating members for electrically isolating the metal support arm from the conductive stud. The isolating members comprise a first insulative member disposed between the metal support arm and the housing, and a second insulative member disposed between the metal support arm and the ground lead disconnecter. In the case of arrester failure, the isolating members prevent high voltage from being provided to the metal support arm.

<IMAGE>

IPC 1-7

H01T 1/14; **H01C 7/12**

IPC 8 full level

H01C 7/12 (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP)

H01C 7/12 (2013.01); **H01C 7/126** (2013.01); **H01T 1/14** (2013.01)

Citation (search report)

[XA] US 4609902 A 19860902 - LENK DENNIS W [US]

Cited by

CN104091660A; US5923518A; CN106816242A; CN113552394A; US6392861B1; WO9908353A1

Designated contracting state (EPC)

AT CH DE ES GB GR LI PT SE

DOCDB simple family (publication)

EP 0655814 A1 19950531

DOCDB simple family (application)

EP 94308786 A 19941129