

Title (en)  
Arrestor unit.

Title (de)  
Unterbrechungseinheit.

Title (fr)  
Unité pour l'arrêt.

Publication  
**EP 0508647 A2 19921014 (EN)**

Application  
**EP 92302553 A 19920325**

Priority  
JP 6049891 A 19910325

Abstract (en)  
An arrestor unit is disclosed for protecting a power transmission line against lightening surges. The arrestor unit includes a discharge electrode that is electrically separated from the power transmission line by a series air gap. A plurality of non-linear resistors are provided between the discharge electrode and an electrical ground. A container is provided to house the non-linear resistors. The container is arranged to discharge residual electric charges that accumulate in the non-linear resistors. The discharge constant of the container and non-linear resistors is set to a value less than the time interval between voltage surges of a normal multiple surge lightning current.

IPC 1-7  
**H02H 1/04; H02H 3/00; H02H 9/04; H02H 9/06**

IPC 8 full level  
**H01B 17/46** (2006.01); **H01C 7/12** (2006.01); **H01T 1/16** (2006.01); **H01T 4/04** (2006.01); **H01T 4/14** (2006.01)

CPC (source: EP)  
**H01C 7/12** (2013.01); **H01T 1/16** (2013.01); **H01T 4/14** (2013.01)

Cited by  
EP0831505A1; FR2753833A1

Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
**EP 0508647 A2 19921014; EP 0508647 A3 19930303; EP 0508647 B1 19961002; JP H04294083 A 19921019**

DOCDB simple family (application)  
**EP 92302553 A 19920325; JP 6049891 A 19910325**