

Title (en)  
Lightning arresting insulator.

Title (de)  
Überspannungsableiterisolator.

Title (fr)  
Isolateur pour déviation de surtensions.

Publication  
**EP 0493134 A1 19920701 (EN)**

Application  
**EP 91312070 A 19911228**

Priority  
JP 41734790 A 19901228

Abstract (en)  
A lightening arresting insulator with a pressure-release mechanism for releasing pressure when a lightening surge flows in a power transmission line is disclosed. The arresting insulator has a plurality of slits formed in the outer wall of an insulating cylinder formed from a material having a high voltage resistance. The slits extend lengthwise to form thin wall portions in the insulating cylinder. An elastic insulator is filled in each of the slits.

IPC 1-7  
**H01C 7/12**; **H01T 1/15**

IPC 8 full level  
**H01B 17/46** (2006.01); **H01B 17/42** (2006.01); **H01C 7/12** (2006.01); **H01T 1/15** (2006.01)

CPC (source: EP)  
**H01C 7/12** (2013.01); **H01C 7/126** (2013.01); **H01T 1/15** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 13, no. 435 (E-825)28 September 1989 & JP-A-1 163 925 ( NGK INSULATORS ) 28 June 1989
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 493 (E-99)26 October 1990 & JP-A-2 203 501 ( OTOWA DENKI KOGYO )
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 437 (E-826)29 September 1989 & JP-A-1 166 421 ( NGK INSULATORS ) 30 June 1989

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Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
**EP 0493134 A1 19920701**; **EP 0493134 B1 19960327**; JP H04249816 A 19920904; JP H07118237 B2 19951218

DOCDB simple family (application)  
**EP 91312070 A 19911228**; JP 41734790 A 19901228