

Title (en)
OVERVOLTAGE ARRESTER

Publication
EP 0181959 B1 19890517 (DE)

Application
EP 84114097 A 19841122

Priority
EP 84114097 A 19841122

Abstract (en)
[origin: EP0181959A1] 1. Overvoltage arrester, which consists of a tubular insulating housing (1), in the ends of which two electrodes (2, 3) are inserted in a gastight manner and on the inside wall of which a longitudinal, narrow, electrically conductive or semiconductive layer (7, 8) is located, one end of which is electrically conductively connected to one of the electrodes (2, 3), the electrodes (2, 3) exhibiting a spark gap (6) between end parts (4, 5) which enclose one another and delimit between themselves and the housing (1) a particular chamber (11) and the electrically conductively or semiconducting layer (7, 8) being applied to the inside wall of the housing (1) in such a manner that it consists of lines (7, 8) which are arranged at a distance from one another parallel to the axis of the housing (1), characterized in that at least one elongated slot (12) or at least one strip-shaped projection (13) is located in each case between the lines (7, 8) of electrically conductive or semiconducting material.

IPC 1-7
H01T 1/20; **H01T 4/04**

IPC 8 full level
H01T 1/20 (2006.01); **H01T 4/04** (2006.01)

CPC (source: EP)
H01T 1/20 (2013.01); **H01T 4/04** (2013.01)

Citation (opposition)
Opponent : Siemens Aktiengesellschaft
• DE 2757337 A1 19780803 - CERBERUS AG
• DE 2346174 A1 19750327 - SIEMENS AG
• EP 0056282 A1 19820721 - SIEMENS AG [DE]
• GB 1196121 A 19700624 - REYROLLE A & CO LTD

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0181959 A1 19860528; **EP 0181959 B1 19890517**; DE 3478265 D1 19890622

DOCDB simple family (application)
EP 84114097 A 19841122; DE 3478265 T 19841122