

Title (en)

Lightning-current withstand device with at least two series-connected surge gaps

Title (de)

Blitzstromtragfähige Anordnung mit zumindest zwei in Reihe geschalteten Funkenstrecken

Title (fr)

Dispositif pouvant supporter un courant de foudre, muni d'au moins deux éclateurs connectés en série

Publication

EP 0600222 B1 19951227 (DE)

Application

EP 93117367 A 19931027

Priority

DE 4240138 A 19921128

Abstract (en)

[origin: US5450274A] A spark gap arrangement capable of handling lightning includes a first spark gap with a relatively high-resistance insulating layer having a relatively short spark-over path, and at least one second spark gap which, compared to the first spark gap, has a relatively low-resistance insulating layer with a relatively long spark-over path, the second spark gap being electrically connected in series to the first spark gap.

IPC 1-7

H01T 4/16; **H01T 1/10**

IPC 8 full level

H01T 1/10 (2006.01); **H01T 4/16** (2006.01)

CPC (source: EP US)

H01T 1/10 (2013.01 - EP US); **H01T 4/16** (2013.01 - EP US)

Cited by

EP2827462B1; EP1542323B1; EP2937956B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5450274 A 19950912; AT E132303 T1 19960115; DE 4240138 A1 19940601; DE 4240138 C2 19950524; DE 59301256 D1 19960208; DK 0600222 T3 19960129; EP 0600222 A1 19940608; EP 0600222 B1 19951227; ES 2083815 T3 19960416; ZA 938909 B 19940802

DOCDB simple family (application)

US 15728693 A 19931126; AT 93117367 T 19931027; DE 4240138 A 19921128; DE 59301256 T 19931027; DK 93117367 T 19931027; EP 93117367 A 19931027; ES 93117367 T 19931027; ZA 938909 A 19931129