

Title (en)

Overvoltage arrester element and ignition device for an overvoltage arrester element

Title (de)

Überspannungsschutzelement und Zündelement für ein Überspannungsschutzelement

Title (fr)

Dispositif dérivateur de surtensions et dispositif d'allumage pour dispositif dérivateur de surtensions

Publication

EP 1566868 B1 20091209 (DE)

Application

EP 05003261 A 20050216

Priority

DE 102004009072 A 20040223

Abstract (en)

[origin: EP1566868A2] Overvoltage protection element comprises an ignition element (3) arranged between electrodes (1, 2) to form a weak insulation (ignition region). On applying a voltage to the surface (5) of the ignition element a conducting connection is formed between the electrodes. The conducting connection has a low current-carrying capacity. An independent claim is also included for an ignition element used in the overvoltage protection element.

IPC 8 full level

H01T 4/10 (2006.01); **H01T 1/20** (2006.01)

CPC (source: EP US)

H01T 1/20 (2013.01 - EP US); **H01T 4/10** (2013.01 - EP US)

Cited by

WO2015124624A1; DE102014102065A1; DE102013225835A1; WO2015086248A1; DE102013225835B4

Designated contracting state (EPC)

DE ES FR IT SE

DOCDB simple family (publication)

EP 1566868 A2 20050824; **EP 1566868 A3 20070516**; **EP 1566868 B1 20091209**; CN 1674375 A 20050928; CN 1674375 B 20111221; DE 102004009072 A1 20050908; DE 502005008658 D1 20100121; ES 2337695 T3 20100428; US 2005185356 A1 20050825; US 7817395 B2 20101019

DOCDB simple family (application)

EP 05003261 A 20050216; CN 200510056554 A 20050223; DE 102004009072 A 20040223; DE 502005008658 T 20050216; ES 05003261 T 20050216; US 6263605 A 20050223