

Title (en)

SPARK GAP ARRANGEMENT FOR HIGHER RATED VOLTAGES

Title (de)

FUNKENSTRECKENANORDNUNG FÜR HÖHERE BEMESSUNGSSPANNUNGEN

Title (fr)

ENSEMBLE D'ÉCLATEURS POUR TENSIONS ASSIGNÉES SUPÉRIEURES

Publication

EP 2074686 A1 20090701 (DE)

Application

EP 08831279 A 20081014

Priority

- EP 2008063757 W 20081014
- DE 102007049319 A 20071015
- DE 102008049471 A 20080929

Abstract (en)

[origin: WO2009050148A1] The invention relates to a spark gap arrangement for higher rated voltages in which at least two opposite spark gaps comprising electrodes are serially connected and at least one of the spark gaps is introduced actively, i.e., may be triggered, for use as a network arrester that can conduct lightening currents. According to the invention, the spark gaps are located in a pressure-resistant capsule with at least one pressure compensation opening. Also, an insert that bridges the distance between the main electrodes of the passive spark gaps, consisting of a low-impedence material, is provided. Said low impedance material is extremely non-linear in relation to the decreasing residual voltage in the event of a current load.

IPC 8 full level

H01T 4/16 (2006.01)

CPC (source: EP)

H01T 4/16 (2013.01)

Citation (search report)

See references of WO 2009050148A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009050148 A1 20090423; AT E456875 T1 20100215; DE 102008049471 A1 20091112; DE 502008000350 D1 20100318; EP 2074686 A1 20090701; EP 2074686 B1 20100127

DOCDB simple family (application)

EP 2008063757 W 20081014; AT 08831279 T 20081014; DE 102008049471 A 20080929; DE 502008000350 T 20081014; EP 08831279 A 20081014