

Title (en)

Separation spark gap for limiting the maximum voltage on a surge arrester

Title (de)

Trennfunkstrecke zum Festlegen der Höchstspannung an einem Überspannungsableiter

Title (fr)

Eclateur de séparation pour limiter la tension maximale appliquée à un dérivateur de surtension

Publication

EP 0665619 B1 19970305 (DE)

Application

EP 94118945 A 19941201

Priority

DE 4403053 A 19940128

Abstract (en)

[origin: US5574615A] The present invention relates to an air spark gap for determining the maximum voltage at an aged voltage surge suppressor (5) comprising an electrode arrangement in a capsule filled with an inert gas. The voltage surge suppressor is disposed in a voltage surge protection plug. The air spark gap is disposed between two contact members (2, 3 or 4, resp.) parallel to the voltage surge suppressor. The one (2) of the contact members is electrically connected with a contact element (7) resting, in the plugged-on condition of the voltage surge protection plug, resiliently on a surface portion against the other one (3, 4) of the contact members. For an electrical disconnection, an electrical insulation foil (8, 9) having a given thickness is arranged between the contact element and the other one of the contact members, said electrical insulation foil being provided with an opening for forming an air gap therebetween.

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IPC 8 full level

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