

Title (en)
SURGE SUPPRESSOR

Title (de)
ÜBERSpannungSSCHUTZEINRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS

Publication
EP 1692751 B1 20110119 (DE)

Application
EP 04803586 A 20041207

Priority
• EP 2004013897 W 20041207
• DE 10357945 A 20031209

Abstract (en)
[origin: US2007086136A1] An overvoltage protection means having a first electrode (1), a second electrode (2), a breakdown spark gap between the two electrodes (1, 2), and a housing (3) which holds the electrodes (1, 2). When the breakdown spark gap is ignited, an arc (4) is formed between the two electrodes (1, 2) within the discharge space (5) which connects the two electrodes (1, 2). The overvoltage protection arrangement has an especially high line follow current extinguishing capacity, but can nevertheless be easily built, and the discharge space (5) is made such that it runs at least partially transversely and/or opposite the direction of the electrical field of the prevailing line voltage so that the distance to be overcome by the arc (4) between the two electrodes (1, 2) has a transverse component relative to the electrical field.

IPC 8 full level
H01T 1/22 (2006.01); **H01T 4/12** (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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