Title (en)

SURGE ARRESTER

Title (de)

ÜBERSPANNUNGSABLEITER

Title (fr)

PARAFOUDRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014048691A1] The invention relates to a surge arrester (1) having a fluid-tight housing (2). The housing has a ground contact (3) and a high-voltage contact (4), wherein the ground contact (3) and the high-voltage contact (4) each electrically connect the interior to the exterior of the housing (2). A discharge element (5) arranged in the housing (2) has a discharge column clamped between two end fittings (6, 7) by means of tension elements (11). An electrical connection of the ground contact (3) to the high-voltage contact (4) via the discharge element (5) can be established or interrupted from outside the housing (2) by means of a contact element (9) that can be moved in an axial direction by means of a moving apparatus (8). According to the invention, the contact element (9) is guided in a bore (26) of an end fitting (6, 7). Thus, the surge arrester (1) can be made very compact. In addition, a mechanically simple yet reliable design is possible due to the guidance of the contact element (9) in the bore (26) of the end fitting (6, 7).

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