

Title (en)
ENCAPSULATED SURGE ARRESTER

Title (de)
GEKAPSELTER ÜBERSpannungsABLEITER

Title (fr)
PARAFoudre ENCAPSULÉ

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Application
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Abstract (en)
[origin: WO2014173462A1] The invention relates to a surge arrester (1) having a fluid-tight housing (2) and an active part (6) arranged in the housing (2) for discharging an overvoltage. The active part (6) comprises arrester elements (8) arranged in stacks (7), wherein a plurality of stacks (7) which are arranged above one another and are separated from one another by insulating intermediate pieces (9) form a column (10). The active part (6) has a plurality of such columns (10), wherein stacks (7) of adjacent columns (10) are electrically connected to one another in such a way that the flow path (11) is routed in a meandering shape through the active part (6). According to the invention, the columns (10) are arranged next to one another in a row. Such a surge arrester (1) has particularly compact dimensions and is thus particularly well adapted to the confined space conditions in high-voltage switchgear.

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