

Title (en)
GAS-INSULATED SURGE ARRESTOR

Title (de)
GASISOLIERTER ÜBERSPANNUNGSABLEITER

Title (fr)
PARATONNERRE À ISOLATION GAZEUSE

Publication
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Application
EP 15163468 A 20150414

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Abstract (en)
[origin: KR20160122642A] The present invention relates to a surge arrester (1) including one or more active parts (2) arranged in a fluid-sealing housing (3). A particular advantage is enabled in an embodiment with three active parts (2). The housing (3) includes sidewalls (4) and a floor (5) while a cover (6) closes a side facing the floor (5). The sidewalls (4) and the floor (5) are configured as a single piece and can be made of materials such as aluminum or steel. The floor (5) includes self-openings (7) for each of the active parts (2). The active parts (2) can be inserted into the housing (3) through the self-openings (7). To this end, the shape and inner width of the openings (7) are dimensioned to enable the completely assembled active parts (2) to be inserted into the housing (3) through the openings (7). Each of the openings (7) is closed by a closing unit (8) in a fluid-sealed manner. Preferably, the surge arrester (1) includes multiple, and more specifically, three active parts (2). The openings (7) are provided on the floor (5) for the individual active parts (2). That is, there are three openings (7) on the floor (5) if there are three active parts (2). The housing (3) is manufactured as a single piece integrating the floor (5) and the sidewalls (4) to remove a conventional floor manufactured by using only the cutting process. The surge arrester (1) is easily assembled by individually inserting the active parts (2) through the openings (7) instead of the common insertion of the active parts into the openings (7) before assembly.

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