

Title (en)
SURGE ARRESTER

Title (de)
ÜBERSpannungsABLEITER

Title (fr)
LIMINATEUR DE SURTENSION

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Abstract (en)
[origin: WO2005117219A1] The invention relates to a surge arrester having another electrode (1) and at least one outer electrode (2), in addition to an electrically conductive contact element (7) separated from the outer electrode (2) by a gap (20), said contact element being prestressed in normal state by a spring mechanism, wherein the spring mechanism exerts a spring force (F) upon the contact element (7) in the direction of the outer electrode (2). An electrically conductive connection is provided between the other electrode (1) and the contact element (7). The gap (20) between the outer electrode (2) and the contact element (7) is arranged in a tightly sealed cavity (22). The spring mechanism that prestresses the contact element is triggered by excess heat in case of malfunctioning, whereby the contact element is released and pushed by the spring force against the outer electrode thereby producing a short-circuit between the outer electrode and the other electrode.

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