

Title (en)

SURGE ARRESTER HAVING AT LEAST ONE ARRESTING ELEMENT, FOR EXAMPLE A VARISTOR

Title (de)

ÜBERSpannungsableiter mit mindestens einem ableitelement, beispielsweise einem varistor

Title (fr)

PARAFoudre comprenant au moins un element de derivation, par exemple une varistance

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Application

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Abstract (en)

[origin: WO2007093572A1] The invention relates to a surge arrester having at least one arresting element, for example a varistor and a disconnection apparatus, in order to disconnect one pole or all poles of the arresting element or elements from the power supply system, with the disconnection apparatus comprising a solder point (11) which is included in the electrical connecting path within the arrester, with a moving conductor section (12) or a moving conductive link (22) being connected via the solder point (11) to the arresting element on the one hand, and with the conductor section (12) or the link (22) being connected on the other hand to an electrical external connection of the arrester, and furthermore having a spring (15) which produces a prestressing force, with the force vector relating to them acting directly or indirectly on the conductor section (12) or the link (22) in the disconnection apparatus. According to the invention, a blocking element (17) which can be tripped thermally blocks the moving conductor section (12) or the moving conductive link (22) with regard to the prestressing force vector, so that the solder point (11) of the disconnection apparatus is not subject to any permanent load on the force side.

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