

Title (en)

SHORT-CIRCUITING DEVICE FOR SURGE ARRESTERS

Title (de)

KURZSCHLIESSEINRICHTUNG FÜR ÜBERSPANNUNGSABLEITER

Title (fr)

DISPOSITIF DE MISE EN COURT-CIRCUIT POUR COUPE-CIRCUITS DE SURTENSION

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Application

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Abstract (en)

[origin: WO2008145460A1] The invention relates to a short-circuiting device for surge arresters such as varistors, spark gaps, or similar elements, comprising a flexible conductive short-circuiting device or short-circuiting devices having conductive sections, which is held by a fixing device under mechanical pretension, wherein the fixing device is released upon warming of the short-circuiting device such that the short-circuiting device bridges or connects the surge arrester connection contacts. According to the invention, the fixing device is arranged at a point determined to have the greatest amount of heating in the case of an overload immediately up to or on the surge arrester and configured above a minimized heat capacity, wherein neither the short-circuiting device nor the fixed device is part of the elements of the surge arrester that carry the current in the case of normal operation.

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