

Title (en)  
RAPID DISCONNECT DEVICE

Title (de)  
SCHNELLE ABTRENNVORRICHTUNG

Title (fr)  
DISPOSITIF DE COUPURE RAPIDE

Publication  
**EP 2218154 A1 20100818 (DE)**

Application  
**EP 09781905 A 20090817**

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Abstract (en)  
[origin: US2011205011A1] The invention relates to a rapid disconnect device for surge arrestors, in particular plate-type or flat varistors, comprising at least one element that is maintained under a mechanical stress, and a disconnection point for disconnecting the surge arrestor from the respective power grid upon thermal overload, wherein the disconnection point comprises contacts, the positions of which vary relative to one another, wherein one of said contacts is designed to be fixed. According to the invention, the contacts of varying positions relative to one another are electrically connected without the use of solder in such a way that incident current forces act primarily in the contact force direction and such that the moving contacts of the positionally-variable contacts of a lost element located at the surge arrestor and thermally detachable therefrom can be moved from a closed position to the disconnected position.

IPC 8 full level  
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