

Title (en)  
Surge arrester device

Title (de)  
Überspannungsschutzelement

Title (fr)  
Dispositif dérivateur de surtensions

Publication  
**EP 0786844 B1 20010117 (DE)**

Application  
**EP 97105664 A 19940530**

Priority  
• DE 4317933 A 19930531  
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Abstract (en)  
[origin: US5604400A] An overvoltage protection element for discharging transient overvoltages, with two electrodes (2), a disruptive discharge-spark air between the electrodes (2) and a housing (4) containing the electrodes (2). Each electrode (2) has a connecting leg (5) and an arcing horn (6) which runs at an acute angle relative to the connecting leg (5). The disruptive discharge-spark air gap is formed by facing surfaces of the arcing horns (6) of the electrodes (2), which are spaced from one another. In preferred embodiments, the arcing horns (6) of the electrodes (2), in their areas near the connecting leg (5), are provided with at least one hole (7) running therethrough which, preferably, has a diameter that is less than 2 mm.

IPC 1-7  
**H01T 4/10**; **H01T 4/14**; **H01T 1/20**

IPC 8 full level  
**H01T 1/20** (2006.01); **H01T 4/10** (2006.01); **H01T 4/14** (2006.01)

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