

Title (en)  
Protection device.

Title (de)  
Schutzvorrichtung.

Title (fr)  
Dispositif de protection.

Publication  
**EP 0278612 A1 19880817 (EN)**

Application  
**EP 88300542 A 19880122**

Priority  
GB 8701757 A 19870127

Abstract (en)  
Protection device for protecting equipment against induced voltage signal spikes is arranged to become conductive very rapidly. An evacuated chamber is provided with free electrons so as to ensure rapid ionisation of the chamber. The chamber is so shaped as to constitute a transmission line having a predetermined impedance, the wall of the chambers and a central electrode constituting the two conductors of the transmission line with their spacing being least at the region of conduction.

IPC 1-7  
**H01T 4/12**; **H01T 4/08**

IPC 8 full level  
**H01T 4/08** (2006.01); **H01T 4/12** (2006.01)

CPC (source: EP)  
**H01T 4/08** (2013.01); **H01T 4/12** (2013.01)

Citation (search report)  
• [A] GB 2083945 A 19820331 - M O VALVE CO LTD  
• [A] GB 191328894 A 19140528 - WESTERN ELECTRIC CO LTD [GB]  
• [A] GB 895577 A 19620502 - GEN ELECTRIC CO LTD

Designated contracting state (EPC)  
CH DE FR LI SE

DOCDB simple family (publication)  
**GB 2200243 A 19880727**; **GB 2200243 B 19900905**; **GB 8701757 D0 19870304**; DE 3860668 D1 19901031; EP 0278612 A1 19880817; EP 0278612 B1 19900926

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