

Title (en)
Overvoltage arrester device

Title (de)
Überspannungsableiteinrichtung

Title (fr)
Dispositif limiteur de surtensions

Publication
EP 0860918 A1 19980826 (DE)

Application
EP 98890030 A 19980211

Priority
AT 22797 A 19970212

Abstract (en)
The overvoltage protection system has a pair of electrodes $\bar{A}1,2\bar{U}$ set a distance apart within a housing $\bar{A}3\bar{U}$ and these are connected to cables $\bar{A}4,5\bar{U}$. The housing has an opening $\bar{A}6\bar{U}$. When a voltage is applied to the electrodes the local air is ionised and an arc occurs and warms the ionised gas which then flows out of the opening and in doing so cools.

Abstract (de)
Überspannungsableiteinrichtung umfassend zwei in einem Gehäuse (3) beabstandet voneinander angeordnete Elektroden (1,2), wobei das Gehäuse (3) zumindest eine Ausströmöffnung (6) für ionisierte Gase, welche von einem sich zwischen den beiden Elektroden (1,2) ausbildenden Lichtbogen erzeugt werden, aufweist, wobei zwischen den Elektroden (1,2) und der zumindest einen Ausströmöffnung (6) des Gehäuses (3) eine von den ionisierten Gasen zu durchströmende Kammer (8) angeordnet ist. <IMAGE>

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

IPC 8 full level
H01T 1/00 (2006.01); **H01H 83/00** (2006.01); **H01T 1/15** (2006.01); **H01T 4/00** (2006.01); **H01T 4/10** (2006.01); **H01T 4/14** (2006.01)

CPC (source: EP)
H01T 4/10 (2013.01); **H01T 4/14** (2013.01)

Citation (search report)

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