

Title (en)  
Overvoltage arrester device

Title (de)  
Überspannungsableiteinrichtung

Title (fr)  
Dispositif limiteur de surtensions

Publication  
**EP 0860918 B1 20010516 (DE)**

Application  
**EP 98890030 A 19980211**

Priority  
AT 22797 A 19970212

Abstract (en)  
[origin: EP0860918A1] The overvoltage protection system has a pair of electrodes Ä1,2Ü set a distance apart within a housing Ä3Ü and these are connected to cables Ä4,5Ü. The housing has an opening Ä6Ü. 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.

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)

Cited by  
DE102014215282B3; FR2840448A1; DE19845889B4; DE102014209261A1; FR2843243A1; CN100438241C; DE10164025B4; DE102007015932A1; FR2880468A1; DE102010033764A1; CN103069673A; EP2133966A3; DE102005015401A1; DE102005015401B4; DE102013224720A1; EP2328245A2; US6987657B2; US6788518B1; CN103069672A; DE102011102257B4; DE102011123020B3; WO2006072737A3; WO2004015830A3; WO2020260400A1; WO0021170A1; WO03102991A1; WO2006074721A1; WO03019744A1; EP2443708B1; WO2012016804A1; DE102011051738A1; US8563888B2; US9083153B2; DE102011051738B4

Designated contracting state (EPC)  
AT BE DE ES FR GR IT NL PT

DOCDB simple family (publication)  
**EP 0860918 A1 19980826**; **EP 0860918 B1 20010516**; AT 405112 B 19990525; AT A22797 A 19980915; AT E201288 T1 20010615; CZ 38898 A3 19981216; DE 59800708 D1 20010621; ES 2159429 T3 20011001; GR 3036371 T3 20011130; PL 188294 B1 20050131; PL 324741 A1 19980817; PT 860918 E 20011130; SK 18298 A3 19981007

DOCDB simple family (application)  
**EP 98890030 A 19980211**; AT 22797 A 19970212; AT 98890030 T 19980211; CZ 38898 A 19980210; DE 59800708 T 19980211; ES 98890030 T 19980211; GR 20010401227 T 20010810; PL 32474198 A 19980210; PT 98890030 T 19980211; SK 18298 A 19980212