

Title (en)  
Discharge preventing cap

Title (de)  
Potentialsteuerkappe

Title (fr)  
Capot pare effluves

Publication  
**EP 0856862 B1 20040331 (FR)**

Application  
**EP 98400182 A 19980129**

Priority  
FR 9700997 A 19970130

Abstract (en)  
[origin: EP0856862A1] The cover for the end of a conductor (3) which is at medium or high tension voltage has a rigid hollow body (1) forming a cap which is intended to form a casing around the end of the conductor to be protected. This cap has an annular edge surrounding the outside of the conductor at a distance. The space between this annular edge and the outside surface of the conductor is closed by a membrane (4) which is elastically deformable. The membrane has a curvature when seen in the longitudinal axial plane of the conductor. The deformation of the membrane is limited by an element (5) fixed on the internal annular edge of the cap. The element is arranged to ensure that the radius of curvature of the membrane is always greater than a certain fixed value.

IPC 1-7  
**H01H 9/48**; H01H 1/38; H01R 13/53; H01H 85/20

IPC 8 full level  
**H01H 1/38** (2006.01); **H01H 9/48** (2006.01); **H01H 85/20** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP)  
**H01H 1/38** (2013.01); **H01H 9/48** (2013.01); **H01H 85/202** (2013.01); **H01R 13/53** (2013.01); **H01H 2085/0225** (2013.01)

Cited by  
US6909588B2; US7372690B2

Designated contracting state (EPC)  
AT BE CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0856862 A1 19980805**; **EP 0856862 B1 20040331**; AT E263424 T1 20040415; DE 69822688 D1 20040506; DE 69822688 T2 20050324; ES 2217513 T3 20041101; FR 2758916 A1 19980731; FR 2758916 B1 19990402

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