

Title (en)
Insulating member for high-voltage devices.

Title (de)
Isolierelement für Hochspannungsgeräte.

Title (fr)
Élément isolant pour appareils à haute tension.

Publication
EP 0169922 A1 19860205 (DE)

Application
EP 84109060 A 19840731

Priority
EP 84109060 A 19840731

Abstract (en)
1. Insulating element for high voltage devices, consisting of an insulating cylinder (10) and an insulating ring (11', 12') attached to the insulating cylinder (10) so that an overlap is formed, in which the insulating cylinder (10) is thinned in the overlap region by reducing its wall thickness and the overlap (11'a, 12'a) is dimensioned in such a way that the end of the insulating ring (11', 12') facing the insulating cylinder (10) lies in an approximately homogeneous part of the field, characterised in that at least in the overlap region (11'a, 12'a) the insulating ring (11', 12') is of conical construction but has a constant wall thickness and the cone angle of the insulating ring (11', 12') corresponds to the angle of thinning of the insulating cylinder (10).

Abstract (de)
Die Erfindung betrifft ein Isolierelement für Hochspannungsgeräte, bestehend aus einem Isolierzylinder (10) und einem Isolerring (11' 12'), wobei der Isolierzylinder im Überlappungsbereich angeschärft und der Isolerring konisch ausgebildet ist. Dadurch ergibt sich eine höhere mechanische Festigkeit des Isoliering.

IPC 1-7
H01F 27/32

IPC 8 full level
H01F 27/32 (2006.01)

CPC (source: EP)
H01F 27/324 (2013.01)

Citation (search report)
• [A] DE 1091225 B 19601020 - LICENTIA GMBH
• [A] DE 1244945 B 19670720 - LICENTIA GMBH
• [A] DE 909479 C 19540422 - SIEMENS AG
• [A] DE 1277433 B 19680912 - LICENTIA GMBH
• [A] DE 974694 C 19610330 - SIEMENS AG
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Cited by
DE102010063979A1; DE102006008922A1; DE102006008922B4; US7927141B2; WO2012084553A1

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