

Title (en)

Production process for a lightning arrester, and lightning arrester obtained by this process.

Title (de)

Herstellungsverfahren eines Blitzableiters und Blitzableiter nach diesem Verfahren hergestellt.

Title (fr)

Procédé de fabrication d'un parafoudre et parafoudre obtenu par ce procédé.

Publication

EP 0304690 A1 19890301 (FR)

Application

EP 88112616 A 19880803

Priority

FR 8711201 A 19870806

Abstract (en)

[origin: JPS6465804A] PURPOSE: To obtain a reliable lightning arrester where a spacer guides a pellet in diametrical direction from an opening by selecting the spacer of the lightning arrester to be in tubular form, and arranging an electric connection means, which forms electric connections between the metallic cover faces of two pieces of adjacent pellets, on its inside. CONSTITUTION: Pellets 1 is constituted of two pieces of metallic end adhesive parts 3 of a lightning arrester and a flat face 6, and a tubular spacer 3 of metal or an insulator is interposed between the pellets 1, thus a pile which has a common axis is made. This spacer 3 has a recess 12 for guiding an inner housing 13 and the pellet 1 in diametrical direction. Moreover, likewise the adhesive part 3 is provided with a recess 15 and a housing 14, and metallic plates 11 to contact with the metallic cover faces 6 of the pellet 1 are arranged, through low-pressure springs 7 within the housings 13 and 14 so as to give electrical continuity. Then one or more pieces of glass fibers 4 impregnated with resin are wound on the adhesive part 3, thus alignment winding is realized.

Abstract (fr)

L'invention concerne un parafoudre comprenant un empilement de pastilles (1) en oxyde de zinc et d'entretoises tubulaires (2) entre deux ferrures extrêmes (3). Cet ensemble est enveloppé d'un enroulement filamentaire (4) assurant un freinage radial sans compression axiale, avec une adhérence sur les surfaces latérales de tous les éléments de l'empilement.

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IPC 8 full level

H01C 7/12 (2006.01); **H01T 1/16** (2006.01)

CPC (source: EP US)

H01C 7/12 (2013.01 - EP US)

Citation (search report)

- [X] DE 3544141 A1 19860626 - HUBBELL INC HARVEY [US]
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