

Title (en)

HOUSING FOR AN ELECTRIC DEVICE, PARTICULARLY FOR A SURGE ARRESTER, COMPRISING AN INSULATING MOULDED ENVELOPE

Publication

EP 0275772 B1 19900905 (FR)

Application

EP 87402925 A 19871218

Priority

CA 526139 A 19861223

Abstract (en)

[origin: US4827370A] An enclosure for electric device, in particular for surge arrester, comprises an outer, cylindrical envelope and an inner wall both made of electrically non conducting materials. One of the ends of the envelope is closed while the other is open. An electrode with a principal portion inside the enclosure extends through the envelope and projects outside the latter. Bolt anchors are used for fixing the enclosure on a mechanical support and for mounting a closure device on the open end of the envelope. The material constituting the inner wall is impervious to humidity and protects the envelope against breaking thereof by thermal shock caused for example by the production of an electric arc within the enclosure, while the material constituting the cylindrical envelope is a synthetic insulating material capable of withstanding a high mechanical tension. The envelope is molded on the inner wall and around the electrode and the bolt anchors, whereby the inner wall and the electrode are integrated to the envelope, and the bolt anchors are fixedly attached to the synthetic insulating material.

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H01C 7/12; **H01T 4/04**

IPC 8 full level

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CPC (source: EP US)

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