

Title (en)
Metal fitting for composite insulator

Title (de)
Metallkappe für Verbundisolator

Title (fr)
Ferrure d'isolateur composite

Publication
EP 0887810 B1 20020731 (FR)

Application
EP 98401517 A 19980622

Priority
FR 9708009 A 19970626

Abstract (en)
[origin: EP0887810A1] The fitting for an electrical insulator of composite structure with a hollow shank consists of a metal body (2) e.g. of aluminium alloy with a cavity (3) forming a sleeve for the insulator shank. The cavity has a basically truncated conical inner wall (S), diverging towards its base and having an inward bulge, so that the gap between the cavity wall and cylindrical shank surface increased in a non-linear fashion towards the base. Prior to inserting the shank the metal housing is heated, and adhesive is applied to the end of the shank. On cooling to ambient temperature the shank becomes locked in place and the adhesive sets. In a variant the shank can be cooled with liquid nitrogen before insertion.

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