

Title (en)
Composite insulator and its manufacturing process.

Title (de)
Verbundisolator und dessen Herstellungsverfahren.

Title (fr)
Isolateur composite et son procédé de fabrication.

Publication
EP 0439411 B1 19940316 (FR)

Application
EP 91420001 A 19910103

Priority
FR 9001373 A 19900126

Abstract (en)
[origin: EP0439411A1] This insulator is of the type composed of a core (A) onto which is overmoulded a skirt (3) made from insulating material and provided with sheds (4), the core itself being composed of an axial rod (2) made from composite material onto the ends of which are swaged terminal sleeves of end-fittings (7-8). <??>According to the invention, the rod (2) is composed of a central member made from longitudinal fibres which are parallel and joined together by a thermosetting resin, whereas each of the end-fittings (7-8) is joined to the corresponding end of the rod, on the one hand, by uniformly distributed radial gripping of the sleeve around this end, and on the other hand by penetration of the metal of this sleeve into the spaces between fibres of the sheath (6). <IMAGE>

IPC 1-7
H01B 17/02; **H01B 17/32**

IPC 8 full level
H01B 17/02 (2006.01); **H01B 17/32** (2006.01)

CPC (source: EP US)
H01B 17/02 (2013.01 - EP US); **H01B 17/325** (2013.01 - EP US)

Cited by
EP0859376A3; US6065207A; EP1540671A4; FR2761517A1; EP0945877A1; EP0675509A3; EP1039484A3; US6307157B1; US7532103B2

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

DOCDB simple family (publication)
EP 0439411 A1 19910731; **EP 0439411 B1 19940316**; AT E103099 T1 19940415; DE 69101388 D1 19940421; FR 2657721 A1 19910802; FR 2657721 B1 19920515; US 5220134 A 19930615

DOCDB simple family (application)
EP 91420001 A 19910103; AT 91420001 T 19910103; DE 69101388 T 19910103; FR 9001373 A 19900126; US 64976791 A 19910125