

Title (en)

Plastic composite insulator with spiral skirt and its manufacturing method

Title (de)

Kunststoffverbundisolator mit spiralförmigem Schirm und Verfahren zu seiner Herstellung

Title (fr)

Isolateur composite en matière plastique avec jupe en spirale et procédé de fabrication

Publication

EP 0821373 B1 20030402 (DE)

Application

EP 97112500 A 19970722

Priority

DE 19629796 A 19960724

Abstract (en)

[origin: EP0821373A1] The isolator (1) has a trunk (2) with a glass fibre reinforced plastics core (3), enclosed by an outer mantle (5). The outer mantle comprises a screening sleeve (4) when attached to a helical screen (6) around its outside. The sleeve is formed in one piece without any joins and has a smooth outer surface. The helical screen has a convex curvature on its upper surface and corrugations or ribs on its lower surface.

IPC 1-7

H01B 17/32

IPC 8 full level

H01B 17/32 (2006.01); **H01B 17/00** (2006.01); **H01B 19/00** (2006.01)

CPC (source: EP US)

H01B 17/325 (2013.01 - EP US); **H01B 19/00** (2013.01 - EP US)

Cited by

WO2013087414A1; WO0036615A1; DE102011088248A1; US9236164B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0821373 A1 19980128; EP 0821373 B1 20030402; DE 19629796 A1 19980129; DE 19629796 C2 19980716; DE 19629796 C5 20041216; DE 59709669 D1 20030508; HU 223912 B1 20050329; HU 9701262 D0 19970929; HU P9701262 A2 19980428; HU P9701262 A3 19991028; JP 4205186 B2 20090107; JP H1097817 A 19980414; US 5925855 A 19990720; ZA 976531 B 19980126

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EP 97112500 A 19970722; DE 19629796 A 19960724; DE 59709669 T 19970722; HU P9701262 A 19970722; JP 19852697 A 19970724; US 89835397 A 19970722; ZA 976531 A 19970723