

Title (en)

Manufacturing process of a hollow composite insulator

Title (de)

Verfahren zur Herstellung eines hohlen Verbundisolators

Title (fr)

Procédé de fabrication d'un isolateur composite creux

Publication

EP 1091365 B1 20051026 (DE)

Application

EP 99119832 A 19991007

Priority

EP 99119832 A 19991007

Abstract (en)

[origin: EP1091365A1] The method for producing a hollow compound insulator (1) for medium and high voltages involves formation of a screening (5) of HTV (high temperature vulcanizing) silicone rubber around a plastic pipe (2) by injection molding. At least a section of the plastic pipe is supported against the pressure of the silicone rubber material at least during a part of the injection molding process. Also claimed is a resultant hollow compound insulator.

IPC 1-7

H01B 19/00; **H01B 17/42**

IPC 8 full level

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

CPC (source: EP)

H01B 17/32 (2013.01); **H01B 19/00** (2013.01)

Cited by

DE102010050684A1; US9601240B2; WO2020043452A1; CN107014692A; CN109698049A; CN112117067A; DE102014004284A1; DE102014004284B4; DE102010050684B4; US2013025912A1; DE102010015729B4; WO2017108141A1; WO2012059198A1; DE102016217621A1; WO2018050436A1; DE102011088248A1; WO2013087414A1; US9236164B2; EP3394863A1; US7989704B2; WO2011131273A1; DE102010015729A1; US11114220B2; US11636960B2; EP1667175B1; EP2791948B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1091365 A1 20010411; **EP 1091365 B1 20051026**; AT E308106 T1 20051115; DE 59912714 D1 20051201

DOCDB simple family (application)

EP 99119832 A 19991007; AT 99119832 T 19991007; DE 59912714 T 19991007