

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