

Title (en)  
MOISTURE-CURABLE ELECTRICALLY-INSULATING RESIN

Title (de)  
FEUCHTIGKEITSHÄRTENDES ELEKTROISOLIERHARZ

Title (fr)  
RESINE ELECTRO-ISOLANTE DURCISSABLE A L'HUMIDITE

Publication  
**EP 1021810 A1 20000726 (EN)**

Application  
**EP 97941568 A 19970916**

Priority  
US 9716210 W 19970916

Abstract (en)  
[origin: WO9914766A1] The invention refers to a low-toxicity moisture-curable resin comprising at least one polymer (A) having an organic backbone and at least one silicon-containing end group having at least one hydroxyl or hydrolyzable group, whereby said organic polymer is crosslinkable through formation of siloxane bonds, at least one curing catalyst (B), at least one molecular sieve (C), and water (D), wherein the amounts of (C) and (D) are selected so that the cured resin has an insulation resistance, Ri, of at least 10,000 MOhm.

IPC 1-7  
**H01B 3/46**; **H01B 3/42**

IPC 8 full level  
**H01B 3/42** (2006.01); **H01B 3/46** (2006.01)

CPC (source: EP)  
**H01B 3/427** (2013.01); **H01B 3/46** (2013.01)

Citation (search report)  
See references of WO 9914766A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9914766 A1 19990325**; EP 1021810 A1 20000726

DOCDB simple family (application)  
**US 9716210 W 19970916**; EP 97941568 A 19970916