

Title (en)

A METHOD OF TREATING GLASS SURFACES WITH COUPLING AGENTS AND RESINS TO PROVIDE AN IMPROVED SURFACE FOR BONDING A FINAL RESIN.

Title (de)

VERFAHREN ZUR BEHANDLUNG VON GLASFLÄCHEN MIT VERBINDUNGSMITTELN UND HARZEN ZUR HERSTELLUNG EINER VERBESSERTEN FLÄCHE ZUM BINDEN EINES ENDHARZES.

Title (fr)

PROCEDE SERVANT AU TRAITEMENT DE SURFACES EN VERRE AVEC DES AGENTS DE PONTAGE ET DES RESINES ET PERMETTANT D'OBTENIR UNE SURFACE AMELIOREE POUR L'INCORPORATION D'UNE RESINE FINALE.

Publication

EP 0276291 A4 19881116 (EN)

Application

EP 87905354 A 19870724

Priority

US 88967786 A 19860724

Abstract (en)

[origin: WO8800527A1] Use of synthetic resins with glass and glass fibers to produce composite glass structures. In particular, the present invention provides a method for coating glass surfaces with a combination of a reinforcement resin and a coupling agent to produce composites which resist electrical, chemical and mechanical stresses before the incorporation of a final resin. These final coated glass fibers exhibit enhanced stability and resistance to electrical, chemical and mechanical stresses and can be layered and pressed into glass laminate products.

IPC 1-7

B05D 7/00; **B32B 17/04**

IPC 8 full level

B32B 17/10 (2006.01); **C03C 25/26** (2018.01); **C08J 5/08** (2006.01); **H05K 1/03** (2006.01)

CPC (source: EP)

B32B 17/10018 (2013.01); **B32B 17/10688** (2013.01); **B32B 17/10697** (2013.01); **C03C 25/26** (2013.01); **C08J 5/08** (2013.01); **H05K 1/0366** (2013.01); **H05K 2201/0239** (2013.01)

Citation (search report)

- [X] CHEMICAL ABSTRACTS, vol. 92, no. 18, 5th May 1980, page 90, abstract no 148458a, Columbus, Ohio, US; & CA-A-1 067 230 (OWENS-CORNING FIBERGLAS CORP.) 27-11-1979
- See references of WO 8800527A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8800527 A1 19880128; EP 0276291 A1 19880803; EP 0276291 A4 19881116; JP H01500894 A 19890330

DOCDB simple family (application)

US 8701805 W 19870724; EP 87905354 A 19870724; JP 50481087 A 19870724