

Title (en)

ADHESIVE PREPREG FACE SHEETS FOR SANDWICH PANELS

Title (de)

KLEBENDE PREPREGFLÄCHEN FÜR SANDWICHPLATTEN

Title (fr)

PLAQUES DE PREIMPREGNE ADHESIF POUR PANNEAUX SANDWICH

Publication

EP 1419207 A4 20050504 (EN)

Application

EP 01989821 A 20011114

Priority

- US 0145309 W 20011114
- US 79517701 A 20010227

Abstract (en)

[origin: WO02068555A1] Resin compositions are provided which are used in combination with fibers to form self-adhesive prepreg sheets (17, 19) that are applied to core materials (12) to form sandwich panels (10). The prepreg resin includes a thermoset resin, a curing agent and a viscosity control agent. The prepreg resin further includes certain thermoplastic particles which are used to control the flow characteristics of the prepreg resin and the formation of fillets during bonding of the prepreg to the core materials.

IPC 1-7

B32B 3/12; **C08J 5/24**

IPC 8 full level

B29D 24/00 (2006.01); **B32B 3/12** (2006.01); **B32B 3/18** (2006.01); **B32B 5/28** (2006.01); **B32B 37/14** (2006.01); **B32B 37/16** (2006.01); **C08J 5/24** (2006.01); **C09J 7/02** (2006.01); **C09J 163/00** (2006.01); **C09J 201/00** (2006.01)

CPC (source: EP)

B29D 24/005 (2013.01); **B32B 3/12** (2013.01); **B32B 37/146** (2013.01)

Citation (search report)

- [E] WO 0187583 A2 20011122 - HEXCEL CORP [US]
- [A] EP 0392348 A2 19901017 - BASF AG [DE]
- [AD] EP 0927737 A1 19990707 - TORAY INDUSTRIES [JP]
- [AD] EP 0819723 A1 19980121 - TORAY INDUSTRIES [JP]
- [A] US 5972810 A 19991026 - GABRISCH HANS-JOACHIM [DE], et al
- See references of WO 02068555A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 02068555 A1 20020906; AU 2002228697 B2 20060302; CA 2439361 A1 20020906; CA 2439361 C 20111018; EP 1419207 A1 20040519; EP 1419207 A4 20050504; JP 2005506394 A 20050303; JP 2006291218 A 20061026; JP 4175894 B2 20081105

DOCDB simple family (application)

US 0145309 W 20011114; AU 2002228697 A 20011114; CA 2439361 A 20011114; EP 01989821 A 20011114; JP 2002568654 A 20011114; JP 2006153127 A 20060601