

Title (en)

Process for making a prepreg, and use of the same for making decorative laminates

Title (de)

Verfahren zur Herstellung eines Vorimprägnats und dessen Verwendung zur Herstellung von Dekorverbundgebilden

Title (fr)

Procédé de fabrication de préimprégnés, et utilisation de ceux-ci pour faire des laminés décoratifs

Publication

EP 0889168 B1 20050629 (DE)

Application

EP 98107656 A 19980427

Priority

DE 19728250 A 19970702

Abstract (en)

[origin: EP0889168A2] A process for the production of pre-impregnates (prepregs) comprises impregnating base paper with a liquid containing (a) an aqueous dispersion based on an acrylate ester/styrene copolymer (CP1), (b) a dry-strengthener based on a copolymer (CP2) of (meth)acrylamide and (meth)acrylic acid, and (c) water, using 0.3-13 pts. wt. dry CP1 per 1 pt. wt. dry CP2. Also claimed are (i) prepregs obtained by this process and (ii) an impregnating liquid as above.

IPC 1-7

D21H 27/26; B32B 29/00

IPC 8 full level

D21H 17/37 (2006.01); **B44C 5/04** (2006.01); **D21H 17/35** (2006.01); **D21H 27/26** (2006.01); **D21H 17/43** (2006.01)

CPC (source: EP US)

B44C 5/043 (2013.01 - EP US); **D21H 27/26** (2013.01 - EP US); **D21H 17/35** (2013.01 - EP US); **D21H 17/375** (2013.01 - EP US); **D21H 17/43** (2013.01 - EP US); **Y10T 428/31725** (2015.04 - EP US); **Y10T 428/3188** (2015.04 - EP US); **Y10T 428/31902** (2015.04 - EP US); **Y10T 428/31906** (2015.04 - EP US)

Cited by

RU2661211C2; CN102837554A; EP2589499A1; DE102008041296A1; DE102013114420A1; US6767646B2; WO0177438A1; WO2007082819A1; WO2014177258A1; WO01111139A1

Designated contracting state (EPC)

FR GB IT SE

DOCDB simple family (publication)

EP 0889168 A2 19990107; **EP 0889168 A3 20000301**; **EP 0889168 B1 20050629**; BR 9802621 A 19991228; BR 9802621 B1 20081118; CA 2240011 A1 19990102; CA 2240011 C 20060919; CZ 145498 A3 19990113; CZ 292989 B6 20040114; DE 19758479 A1 19990107; DE 19758479 C2 20020711; PL 196113 B1 20071231; PL 327120 A1 19990104; US 6113987 A 20000905; US 6312827 B1 20011106

DOCDB simple family (application)

EP 98107656 A 19980427; BR 9802621 A 19980701; CA 2240011 A 19980630; CZ 145498 A 19980511; DE 19758479 A 19970702; PL 32712098 A 19980630; US 10410698 A 19980625; US 54814400 A 20000413