

Title (en)

PREPREG WITH IMPROVED PLANARITY

Title (de)

VORIMPRÄGNAT MIT VERBESSERTER PLANLAGE

Title (fr)

PRÉ-IMPRÉGNÉ À PLANÉITÉ AMÉLIORÉE

Publication

**EP 3754109 A1 20201223 (DE)**

Application

**EP 19180856 A 20190618**

Priority

EP 19180856 A 20190618

Abstract (en)

[origin: CN112095364A] Prepreg obtained from a decor base paper impregnated with a formaldehyde-free impregnating resin solution, whereby a hydrophobic coating is applied onto at least one side of the prepreg, and decorative film or decorative coating material containing the prepreg according to the invention.

Abstract (de)

Vorimprägnat aus einem mit einer formaldehydfreien Tränkharzlösung imprägnierten Dekorohpapier, wobei auf mindestens einer Seite des Vorimprägnats eine hydrophobe Schicht angeordnet ist sowie Dekorfolie oder dekorativer Beschichtungswerkstoff enthaltend das erfindungsgemäße Vorimprägnat.

IPC 8 full level

**D21H 27/18** (2006.01); **D21H 17/60** (2006.01); **D21H 19/20** (2006.01)

CPC (source: CN EP US)

**B27D 1/00** (2013.01 - CN); **B44C 5/043** (2013.01 - CN); **B44C 5/0492** (2013.01 - CN); **D21H 17/06** (2013.01 - US); **D21H 17/28** (2013.01 - CN); **D21H 17/34** (2013.01 - CN); **D21H 17/36** (2013.01 - CN); **D21H 17/53** (2013.01 - US); **D21H 17/60** (2013.01 - EP US); **D21H 19/18** (2013.01 - CN); **D21H 19/20** (2013.01 - EP); **D21H 19/54** (2013.01 - US); **D21H 19/56** (2013.01 - CN US); **D21H 19/84** (2013.01 - CN); **D21H 21/14** (2013.01 - CN); **D21H 21/16** (2013.01 - CN); **D21H 21/18** (2013.01 - CN); **D21H 27/00** (2013.01 - CN); **D21H 27/18** (2013.01 - EP); **D21H 27/28** (2013.01 - US)

Citation (applicant)

- DE 19728250 A1 19990107 - KOEHLER DECOR GMBH & CO KG [DE]
- EP 0648248 A1 19950419 - BUHL PAPIERFABRIKEN GMBH GEB [DE]
- EP 0739435 A1 19961030 - ARJO WIGGINS SA [FR]
- WO 0111139 A1 20010215 - PERSTORP GMBH [DE], et al
- WO 2009000769 A1 20081231 - TECHNOCELL DEKOR GMBH & CO KG [DE], et al
- EP 2537682 A1 20121226 - SCHOELLER TECHNOCELL GMBH & CO KG [DE]
- WO 2010089086 A1 20100812 - OKT GERMANY GMBH [DE], et al

Citation (search report)

- [XI] DE 3741368 A1 19881229 - WTZ HOLZVERARBEITENDE IND [DD]
- [X] US 2004197591 A1 20041007 - SCHNIEDER CHRISTA [DE], et al
- [A] WO 9611301 A1 19960418 - SIMPSON TIMBER CO [US]
- [A] WO 9731036 A1 19970828 - BASF AG [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3754109 A1 20201223; EP 3754109 B1 20220928;** CN 112095364 A 20201218; ES 2929429 T3 20221129; PL 3754109 T3 20221227; US 11619009 B2 20230404; US 2020399835 A1 20201224

DOCDB simple family (application)

**EP 19180856 A 20190618;** CN 202010562265 A 20200618; ES 19180856 T 20190618; PL 19180856 T 20190618; US 202016903430 A 20200617