

Title (en)
PREPREG

Title (de)
VORIMPRÄGNAT

Title (fr)
PREIMPREGNE

Publication
EP 1518024 B2 20130807 (DE)

Application
EP 04710840 A 20040213

Priority
• DE 10307966 A 20030224
• EP 2004001393 W 20040213

Abstract (en)
[origin: EP1757731A2] A pre-impregnate (I) is prepared by impregnation of a raw paper with a thermally cross-linkable combination (II) comprising a formaldehyde-free resin solution and a polymer dispersion in a mix ratio (solids:solids) of 45:55-10:90 with a residual moisture content of 2-3 wt.% whereby the dried pre-impregnate (I) has a degree of cross-linking of 10-85%. An independent claim is included for a process for the preparation of the preimpregnate (I) by impregnating raw paper with the combination (II) and drying.

IPC 8 full level
D21H 27/26 (2006.01); **D21H 17/70** (2006.01); **D21H 25/06** (2006.01)

CPC (source: EP)
D21H 27/26 (2013.01); **D21H 17/70** (2013.01); **D21H 25/06** (2013.01)

Citation (opposition)
Opponent :
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• DE 19735959 A1 19990225 - BASF AG [DE]
• DE 2949306 A1 19810611 - LETRON GMBH & CO [DE]
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• ARNOLD, H. ET AL: "Individuelles Differential Coating- bessere Bedruckbarkeit", NEUE VORIMPRÄGNATE, HOLZ- U. KUNSTSTOFF - VERARBEITUNG, June 2001 (2001-06-01), pages 36 - 38
• ARNOLD, H. ET AL: "Herstellung einseitig imprägnierter Druckpapiere mittels Filmpresse", WOCHENBLATT FÜR PAPIERFABRIKATION, June 2000 (2000-06-01), pages 350 - 355

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DE102013114420A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004074577 A1 20040902; AT E338167 T1 20060915; BR PI0407760 A 20061003; BR PI0407760 B1 20140422;
CA 2518942 A1 20040902; CA 2518942 C 20140805; DE 10307966 A1 20040909; DE 10307966 B4 20050811; DE 10307966 C5 20090528;
DE 502004001322 D1 20061012; EP 1518024 A1 20050330; EP 1518024 B1 20060830; EP 1518024 B2 20130807; EP 1757731 A2 20070228;
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