

Title (en)
METHOD FOR IMPREGNATING DECORATIVE PAPERS

Title (de)
VERFAHREN ZUM IMPRÄGNIEREN VON DEKORPAPIEREN

Title (fr)
PROCEDE POUR IMPREGNER DES PAPIERS DECORATIFS

Publication
EP 1068394 A1 20010117 (DE)

Application
EP 99973654 A 19990126

Priority
EP 9900604 W 19990126

Abstract (en)
[origin: US2006134405A1] A method for impregnating decorative papers which are used for producing highly abrasion-proof laminate floor materials. The decorative paper is firstly moistened with an amino resin and is thus impregnated. The amount of resin applied is controlled using dosing rollers. In addition, a layer comprised of an amino resin is sprayed with a special dispersion onto the moistened decorative paper. The final mass per unit area with regard to the dry mass of the base paper ranges from 100% to 250%.

IPC 1-7
D21H 23/72

IPC 8 full level
B44C 5/04 (2006.01); **D21H 27/28** (2006.01); **D21H 19/26** (2006.01); **D21H 19/62** (2006.01); **D21H 19/82** (2006.01)

CPC (source: EP US)
B44C 5/0476 (2013.01 - EP US); **D21H 27/28** (2013.01 - EP US); **D21H 19/26** (2013.01 - EP US); **D21H 19/62** (2013.01 - EP US); **D21H 19/826** (2013.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Citation (search report)
See references of WO 0044984A1

Cited by
DE102007047636A1; DE102007010483A1; DE102007028603B4; DE102004063043B3; DE102007010483B4; DE102007028603A1; US8481147B2; EP2006447A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 2006134405 A1 20060622; **US 7569270 B2 20090804**; AT E254692 T1 20031215; AU 3252099 A 20000818; CN 100523375 C 20090805; CN 1292840 A 20010425; DE 29917947 U1 20000309; DE 59907803 D1 20031224; EP 1068394 A1 20010117; EP 1068394 B1 20031119; EP 1270811 A1 20030102; EP 1270811 B1 20031217; HK 1035219 A1 20011116; PT 1068394 E 20040331; PT 1270811 E 20040430; SK 14002000 A3 20010611; SK 286684 B6 20090305; US 6835421 B1 20041228; WO 0044984 A1 20000803

DOCDB simple family (application)
US 1832504 A 20041221; AT 99973654 T 19990126; AU 3252099 A 19990126; CN 99803930 A 19990126; DE 29917947 U 19991012; DE 59907803 T 19990126; EP 02006502 A 19990126; EP 9900604 W 19990126; EP 99973654 A 19990126; HK 01105826 A 20010817; PT 02006502 T 19990126; PT 99973654 T 19990126; SK 14002000 A 19990126; US 64712900 A 20001127