

Title (en)

Process for producing paper webs impregnated with synthetic resins in a soluble or dispersed form

Title (de)

Verfahren zur Herstellung von mit Kunstharzen in Form von Lösungen und Dispersionen imprägnierten Papierbahnen

Title (fr)

Procédé de fabrication de feuilles de papier imprégnées avec des résines artificielles sous forme de solutions et dispersions

Publication

EP 0223922 B2 19971029 (DE)

Application

EP 86110511 A 19860730

Priority

DE 3541187 A 19851121

Abstract (en)

[origin: EP0223922A1] A description is given of the soaking or impregnation of a paper web consisting mostly of cellulose fibres by a combination of dispersions and solutions of synthetic resins in a roll-type application unit installed in the papermaking machine, where the nature, degree of beating and dispersion particle size and the mixing ratio of dispersion and solution are matched to one another, for the manufacture of a fibre-containing sheet, in particular for covering parts of furniture.

IPC 1-7

D21H 23/26; **D21H 11/04**; **D21H 17/43**; **D21H 17/71**

IPC 8 full level

D21H 11/00 (2006.01); **D06N 7/06** (2006.01); **D21H 17/33** (2006.01); **D21H 17/34** (2006.01); **D21H 17/37** (2006.01); **D21H 17/42** (2006.01); **D21H 21/18** (2006.01)

CPC (source: EP)

D21H 17/34 (2013.01); **D21H 17/42** (2013.01)

Cited by

EP0261316A1; CN109489104A; DE19728250A1; DE19728250C2; DE19758479C2; EP0889168A3; DE19946151C5; DE19946151A1; DE19946151B4; DE102013114420A1; DE102008041296A1; US6767646B2; WO0177438A1; WO02079571A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0223922 A1 19870603; **EP 0223922 B1 19901227**; **EP 0223922 B2 19971029**; AT E59416 T1 19910115; CA 1329072 C 19940503; DD 259885 A5 19880907; DE 3541187 C1 19870611; DE 3541187 C2 19941006; DE 3676648 D1 19910207; ES 2000141 A6 19871216; FI 863177 A0 19860804; FI 863177 A 19870522; FI 86902 B 19920715; FI 86902 C 19921026; JP H0726355 B2 19950322; JP S62125097 A 19870606; NO 174725 B 19940314; NO 174725 C 19940622; NO 863075 D0 19860730; NO 863075 L 19870522; PT 83153 A 19860901; PT 83153 B 19880729

DOCDB simple family (application)

EP 86110511 A 19860730; AT 86110511 T 19860730; CA 523131 A 19861117; DD 29353286 A 19860808; DE 3541187 A 19851121; DE 3676648 T 19860730; ES 8601027 A 19860812; FI 863177 A 19860804; JP 27424886 A 19861119; NO 863075 A 19860730; PT 8315386 A 19860806