

Title (en)
BOARD AND MANUFACTURE THEREOF

Title (de)
BRETT UND HERSTELLUNG DIESES BRETTES

Title (fr)
PLANCHE ET FABRICATION DE CETTE PLANCHE

Publication
EP 0699121 A1 19960306 (EN)

Application
EP 94912717 A 19940301

Priority
• SE 9400164 W 19940301
• SE 9301735 A 19930519

Abstract (en)
[origin: WO9426487A1] Board of lignocellulose-containing material and a method of manufacturing such board. The material is disintegrated to particles or fibres, dried, glued prior to or after the drying, formed to a mat and finally dried by hot pressing to a finished board. According to the invention, the lignin is modified chemically at least in the surface layer of the particles or fibers prior to the final drying, so that an increased binding reactivity is obtained by the introduction of hydrophilic groups and so that the softening temperature of the lignin is lowered. Thereby the lignocellulose material in the board is partially sulphonated so that the organically combined sulphur exceeds the native sulphur content of the material but is lower than 0.4 %.

IPC 1-7
B27N 1/00

IPC 8 full level
B27K 5/00 (2006.01); **B27N 1/00** (2006.01); **B27N 3/00** (2006.01)

CPC (source: EP KR)
B27N 1/00 (2013.01 - KR); **B27N 1/003** (2013.01 - EP); **B27N 3/06** (2013.01 - KR)

Citation (search report)
See references of WO 9426487A1

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US7078582B2

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

DOCDB simple family (publication)
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DOCDB simple family (application)
SE 9400164 W 19940301; AU 6514594 A 19940301; BR 9406538 A 19940301; CA 2162396 A 19940301; CN 94192126 A 19940301; CZ 299495 A 19940301; EP 94912717 A 19940301; FI 955571 A 19951117; HR P940269 A 19940426; HU 9503248 A 19940301; IL 10873994 A 19940222; JP 52530494 A 19940301; KR 19950704796 A 19951101; NO 954661 A 19951117; NZ 26389094 A 19940301; PL 31165894 A 19940301; SE 9301735 A 19930519; SK 143695 A 19940301; TW 83101453 A 19940221; ZA 941236 A 19940223