

Title (en)

METHOD OF PRODUCING PANEL-SHAPED PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PLATTENFÖRMIGEN PRODUKTEN

Title (fr)

PROCEDE DE REALISATION DE PRODUITS SOUS FORME DE PANNEAUX

Publication

EP 1159114 B1 20031022 (DE)

Application

EP 00920452 A 20000228

Priority

- DE 19909607 A 19990305
- EP 0001661 W 20000228

Abstract (en)

[origin: DE19909607A1] The invention relates to a method of producing panel-shaped products by hot pressing a binder-containing, laminate shaped body from chips of lignocellulose-containing annual plants. The aim of the invention is to avoid the problem of adherence when using isocyanate as the binder. To this end, the cover layer material is divided into a cover material fine fraction (5a) and a cover material coarse fraction (5b). Said cover material fine fraction (5a) is pre-mixed with bonding agents and/or wetting agents and/or acids and/or bases. The aminoplasts and/or phenoplasts are then applied by gluing. Isocyanate or mixtures of isocyanate and aminoplasts and/or phenoplasts are applied on said cover material coarse fraction (5b) by gluing. A five-layered shaped product is prepared by dispersion, the outer cover layer consisting of cover material fine fractions glued with aminoplasts and/or phenoplasts.

IPC 1-7

B27N 3/00; **B27N 3/14**

IPC 8 full level

B27N 3/00 (2006.01); **B27N 3/14** (2006.01)

CPC (source: EP US)

B27N 3/002 (2013.01 - EP US); **B27N 3/14** (2013.01 - EP US)

Designated contracting state (EPC)

DE FI SE

DOCDB simple family (publication)

DE 19909607 A1 20000907; CA 2362718 A1 20000914; CA 2362718 C 20070102; DE 50004152 D1 20031127; EP 1159114 A1 20011205; EP 1159114 B1 20031022; US 6767421 B1 20040727; WO 0053379 A1 20000914

DOCDB simple family (application)

DE 19909607 A 19990305; CA 2362718 A 20000228; DE 50004152 T 20000228; EP 0001661 W 20000228; EP 00920452 A 20000228; US 91493301 A 20010904