

Title (en)

FIBRE MAT, MOULDED PIECE PRODUCED THEREFROM AND METHOD FOR PRODUCTION THEREOF

Title (de)

FASERMATTE, DARAUS HERGESTELLTES FORMTEIL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MAT DE FIBRES, PIECE MOULEE OBTENUE A PARTIR DUDIT MAT ET PROCEDE PERMETTANT DE LE PRODUIRE

Publication

EP 1436128 A1 20040714 (DE)

Application

EP 02782946 A 20021017

Priority

- DE 10151368 A 20011017
- EP 0211653 W 20021017

Abstract (en)

[origin: WO03033226A1] A fibre mat as intermediate in the production of moulded pieces with preferably the same wall thickness is disclosed, comprising fibres made overwhelmingly of cellulose which are pressed together with a plastic in a homogeneous mixture. The plastic is in the form of fibres with a length in the range of 30-100 mm and the cellulose fibres have a length of 10-100 mm. The cellulose fibres preferably comprise natural fibres, formed from, flax, sisal, hemp, kenaf, technical viscose fibres or mixtures thereof, or from regenerated cellulose, particularly synthetic cellulose obtained from wood.

IPC 1-7

B27N 3/12; B27N 3/00; B27N 3/18

IPC 8 full level

B27N 3/00 (2006.01); **B27N 3/04** (2006.01); **B27N 3/12** (2006.01); **B27N 3/18** (2006.01); **D04H 1/42** (2006.01); **D04H 1/46** (2006.01)

CPC (source: EP US)

B27N 3/002 (2013.01 - EP US); **B27N 3/007** (2013.01 - EP US); **B27N 3/12** (2013.01 - EP US); **B27N 3/18** (2013.01 - EP US);
Y10T 442/20 (2015.04 - EP US)

Citation (search report)

See references of WO 03033226A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03033226 A1 20030424; DE 10151368 A1 20030508; EP 1436128 A1 20040714; JP 2005505445 A 20050224;
US 2004266292 A1 20041230

DOCDB simple family (application)

EP 0211653 W 20021017; DE 10151368 A 20011017; EP 02782946 A 20021017; JP 2003536000 A 20021017; US 49257904 A 20040820