Title (en)
METHOD OF PRODUCING VEHICLE INTERIOR MATERIAL HAVING SANDWICH STRUCTURE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FAHRZEUGINNENRAUMMATERIAL MIT SANDWICHSTRUKTUR

Title (fr)
PROCEDE DE PRODUCTION D'UN MATERIAU A STRUCTURE SANDWICH, DESTINE A UN INTERIEUR DE VEHICULE

Publication
EP 1206348 A1 20020522 (EN)

Application
EP 00951434 A 20000724

Priority
• EP 0007065 W 20000724
• JP 22106799 A 19990804

Abstract (en)
[origin: WO0110637A1] To produce a vehicle interior base material being light and excellent in dimension stability, such as a ceiling material or a door trim material for a vehicle. Used is a method of producing a vehicle interior material having a sandwich structure, comprising the steps of (I) stacking a polyurethane foam, vegetable fibers, a thermosetting adhesive, and optionally a skin for surface decoration and/or a film preventing the exudation of the adhesive, (II) charging the laminate into a mold having a temperature of 80 to 150 DEG C, and closing the mold to cure the adhesive, and (III) demolding a molded product after the curing of the adhesive, characterized in that the size of the vegetable fibers is adjusted to be a diameter of at most 1.0 mm and a length of 10 mm to 100 mm.

IPC 1-7
B32B 9/02; B32B 27/40

IPC 8 full level
B32B 5/24 (2006.01); **B32B 27/40** (2006.01); **B60R 13/02** (2006.01); B32B 37/12 (2006.01)

CPC (source: EP KR US)
B32B 5/18 (2013.01 - US); **B32B 5/245** (2013.01 - US); **B32B 9/04** (2013.01 - KR); **B32B 27/40** (2013.01 - EP); B29K 2311/10 (2013.01 - EP); B32B 37/12 (2013.01 - EP); B32B 2038/0076 (2013.01 - EP); B32B 2250/40 (2013.01 - US); B32B 2262/06 (2013.01 - US); B32B 2266/0278 (2013.01 - US); B32B 2266/06 (2013.01 - US); B32B 2305/022 (2013.01 - EP); B32B 2307/734 (2013.01 - US); B32B 2317/10 (2013.01 - EP); B32B 2375/00 (2013.01 - EP); B32B 2605/003 (2013.01 - US); B60R 13/02 (2013.01 - EP)

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)
WO 0110637 A1 20010215; AU 6437000 A 20010305; AU 767084 B2 20031030; BR 0012948 A 20020430; CA 2391726 A1 20010215; CN 1168600 C 20040929; CN 1367733 A 20020904; EP 1206348 A1 20020522; HK 1047562 A1 20030228; HK 1047562 B 20050513; HU P0202086 A2 20021028; JP 2001047544 A 20010220; KR 20020016937 A 20020306; MX PA02001171 A 20020730; PL 353240 A1 20031103

DOCDB simple family (application)
EP 0007065 W 20000724; AU 6437000 A 20000724; BR 0012948 A 20000724; CA 2391726 A 20000724; CN 00811136 A 20000724; EP 00951434 A 20000724; HK 02109112 A 20021216; HU P0202086 A 20000724; JP 22106799 A 19990804; KR 20027001488 A 20020202; MX PA02001171 A 20000724; PL 35324000 A 20000724