

Title (en)

METHOD OF MANUFACTURING OSB PANELS AND OSB PANEL MANUFACTURING DEVICE

Title (de)

VERFAHREN ZUM HERSTELLEN VON OSB-PLATTEN UND OSB-PLATTEN-HERSTELLVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE PANNEAUX DE PARTICULES ORIENTÉES ET DISPOSITIF DE FABRICATION DE PANNEAUX DE PARTICULES ORIENTÉES

Publication

**EP 4286149 A1 20231206 (DE)**

Application

**EP 22176340 A 20220531**

Priority

EP 22176340 A 20220531

Abstract (en)

[origin: WO2023232598A1] The invention relates to a method for producing oriented strand boards (44), comprising the steps: producing coarse chips (20); applying a flame-retardant solution (28) to the coarse chips (20); subsequently removing the flame-retardant solution (28) from the coarse chips (20), in particular by applying a pressure difference, so that flame-retardant-containing coarse chips (32) are obtained; subsequently gluing the flame-retardant-containing coarse chips (32), so that glued coarse chips (20) are obtained; and compressing the coarse chips (20), so that the oriented strand board (44) is obtained.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Herstellen von OSB-Platten (44) mit den Schritten: (a) Herstellen von Grobspänen (20), (b) Aufbringen einer Flammschutzmittellösung (28) auf die Grobspäne (20), (c) Anlegen einer Druckdifferenz zum Einbringen von Flammschutzmittellösung (28) in die Grobspäne (20), sodass flammschutzmittelhaltige Grobspäne (32) entstehen, (d) danach Beleimen der flammschutzmittelhaltigen Grobspäne (32), sodass beleimte Grobspäne (20) entstehen, und (e) Verpressen der Grobspäne (20), sodass die OSB-Platte (44) entsteht.

IPC 8 full level

**B30B 5/06** (2006.01); **B27N 1/00** (2006.01); **B27N 3/02** (2006.01); **B27N 3/18** (2006.01); **B27N 3/24** (2006.01); **B27N 9/00** (2006.01); **B30B 15/26** (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP)

**B27N 1/00** (2013.01); **B27N 3/02** (2013.01); **B27N 3/18** (2013.01); **B27N 3/24** (2013.01); **B27N 9/00** (2013.01); **B30B 5/06** (2013.01); **B30B 15/30** (2013.01)

Citation (search report)

- [XAYI] US 2003059638 A1 20030327 - RAY JAMES N [US]
- [XYI] WO 03099533 A1 20031204 - FRAUNHOFER GES FORSCHUNG [DE], et al
- [Y] EP 2241426 A1 20101020 - FLOORING TECHNOLOGIES LTD [MT]
- [Y] US 6146766 A 20001114 - SLIMAK KAREN MARIE [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4286149 A1 20231206**; **EP 4286149 B1 20240501**; **EP 4286149 C0 20240501**; ES 2983542 T3 20241023; PL 4286149 T3 20240826; WO 2023232598 A1 20231207

DOCDB simple family (application)

**EP 22176340 A 20220531**; EP 2023063944 W 20230524; ES 22176340 T 20220531; PL 22176340 T 20220531