

Title (en)  
OSB (ORIENTED STRAND BOARD) - WOOD MATERIAL BOARD WITH IMPROVED PROPERTIES AND METHOD FOR PRODUCING SAME

Title (de)  
OSB (ORIENTED STRAND BOARD)-HOLZWERKSTOFFPLATTE MIT VERBESSERTEN EIGENSCHAFTEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
PLAQUE EN MATÉRIAU DÉRIVÉ DU BOIS OSB (PANNEAU DE LAMELLES ORIENTÉES) PRÉSENTANT DES CARACTÉRISTIQUES AMÉLIORÉES ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3377283 A1 20180926 (DE)**

Application  
**EP 16794248 A 20161103**

Priority  
• EP 15195141 A 20151118  
• EP 2016076565 W 20161103

Abstract (en)  
[origin: CA3005487A1] The invention relates to a method for producing OSB wood material panels, in particular OSB wood material panels having reduced emission of volatile organic compounds (VOCs), comprising the following steps: a) producing wood strands from suitable woods; b) torrefying at least some of the wood strands; c) glue-coating the torrefied wood strands and non-torrefied wood strands with at least one binder; d) scattering the glue-coated wood strands onto a conveyor belt; and e) pressing the glue-coated wood strands to form a wood material panel. The invention further relates to an OSB wood material panel that can be produced in accordance with said method and to the use of torrefied wood strands to reduce the emission of VOCs from OSB wood material panels.

IPC 8 full level  
**B27N 1/00** (2006.01); **B27N 3/12** (2006.01)

CPC (source: CN EP RU US)  
**B27D 1/04** (2013.01 - CN); **B27D 1/08** (2013.01 - CN); **B27K 5/0085** (2013.01 - EP US); **B27N 1/00** (2013.01 - EP RU US); **B27N 1/003** (2013.01 - EP US); **B27N 3/04** (2013.01 - RU); **B27N 3/12** (2013.01 - EP US); **B27K 1/00** (2013.01 - EP US); **B27K 5/001** (2013.01 - EP US); **B27K 2200/15** (2013.01 - EP US); **B27K 2240/30** (2013.01 - EP US); **B27K 2240/60** (2013.01 - EP US); **B27K 2240/70** (2013.01 - US)

Citation (search report)  
See references of WO 2017084884A1

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

DOCDB simple family (publication)  
**EP 3170635 A1 20170524; EP 3170635 B1 20171213**; BR 112018009286 A2 20181106; BR 112018009286 A8 20190226; CA 3005487 A1 20170526; CA 3005487 C 20201027; CN 108290311 A 20180717; CN 108290311 B 20190510; CN 110142831 A 20190820; CN 110142831 B 20210820; EP 3377283 A1 20180926; EP 3377283 B1 20200617; ES 2660426 T3 20180322; ES 2812200 T3 20210316; HU E036992 T2 20180828; HU E050465 T2 20201228; JP 2018538168 A 20181227; JP 2019142235 A 20190829; JP 6518385 B2 20190522; JP 6752926 B2 20200909; PL 3170635 T3 20180629; PL 3377283 T3 20201116; PT 3170635 T 20180223; PT 3377283 T 20200827; RU 2019108980 A 20190405; RU 2019108980 A3 20211118; RU 2684738 C1 20190412; RU 2766676 C2 20220315; UA 124056 C2 20210714; US 10730202 B2 20200804; US 2018319037 A1 20181108; WO 2017084884 A1 20170526

DOCDB simple family (application)  
**EP 15195141 A 20151118**; BR 112018009286 A 20161103; CA 3005487 A 20161103; CN 201680067067 A 20161103; CN 201910288929 A 20161103; EP 16794248 A 20161103; EP 2016076565 W 20161103; ES 15195141 T 20151118; ES 16794248 T 20161103; HU E15195141 A 20151118; HU E16794248 A 20161103; JP 2018525776 A 20161103; JP 2019080211 A 20190419; PL 15195141 T 20151118; PL 16794248 T 20161103; PT 15195141 T 20151118; PT 16794248 T 20161103; RU 2018121541 A 20161103; RU 2019108980 A 20190327; UA A201806272 A 20161103; US 201615773328 A 20161103