

Title (en)

PROCESS AND APPARATUS FOR PRODUCING A MULTILAYERED PANEL OF MATERIAL FOR SUBDIVISION INTO BEAM-SHAPED PRODUCTS AND A PANEL OF MATERIAL

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINER MEHRSCICHTIGEN WERKSTOFFPLATTE ZUR AUFTEILUNG IN BALKENFÖRMIGE PRODUKTE UND EINE WERKSTOFFPLATTE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRODUIRE UN PANNEAU DE MATÉRIAU MULTICOUCHE DESTINÉ À ÊTRE DIVISÉ EN PRODUITS EN FORME DE POUTRE, ET PANNEAU DE MATÉRIAU

Publication

EP 2576165 A1 20130410 (DE)

Application

EP 11723925 A 20110530

Priority

- DE 102010029486 A 20100530
- EP 2011058868 W 20110530

Abstract (en)

[origin: CA2799019A1] The invention relates to a process and apparatus for producing a multilayered panel of material wherein in a first step an oriented single-layered mat (8) is formed in a forming station (12) from resinated particulate (6) longitudinally orientable in machine direction (7), the single-layered mat (8) is compressed in a continuous working press (15) to form an oriented single-layered panel strand (3), the single-layered panel strand (3) is subdivided at least once by means of a subdividing device (14) into oriented single-layered panels (9), wherein a layered pack (4) consisting of three layers (22) at least, or a layered pack strand (16) consisting of three layers (22) at least, is formed in a laying device (13) and single-layered panels (9) are used in two layers (22) at least, and in that the layered pack (4) or the layered pack strand (16) is compressed in a cyclically or continuously working press (17) into a panel (1) of material or into a material panel strand (19) dividable by means of a dividing device (20) into a panel (1) of material and the panel of material is subdivided into beam-like products, more particularly artificially produced board layer woods, of greater height than width. The invention further comprises a panel of material, more particularly produced according to the proposed process and/or on a proposed apparatus. (1424).

IPC 8 full level

B27N 3/08 (2006.01); **B27N 3/04** (2006.01); **B27N 3/22** (2006.01)

CPC (source: EP US)

B27N 3/04 (2013.01 - EP US); **B27N 3/08** (2013.01 - EP US); **B27N 3/22** (2013.01 - EP US); **B32B 5/16** (2013.01 - US); **B32B 37/14** (2013.01 - US); **Y10T 156/1007** (2015.01 - EP US); **Y10T 156/12** (2015.01 - EP US); **Y10T 428/24074** (2015.01 - EP US)

Citation (search report)

See references of WO 2011151300A1

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

DOCDB simple family (publication)

DE 102010029486 A1 20111201; AU 2011260350 A1 20121220; AU 2011260351 A1 20121220; CA 2799019 A1 20111208; CN 103068539 A 20130424; CN 103249533 A 20130814; EP 2576164 A1 20130410; EP 2576165 A1 20130410; US 2013209730 A1 20130815; WO 2011151299 A1 20111208; WO 2011151300 A1 20111208

DOCDB simple family (application)

DE 102010029486 A 20100530; AU 2011260350 A 20110530; AU 2011260351 A 20110530; CA 2799019 A 20110530; CN 201180026677 A 20110530; CN 201180026710 A 20110530; EP 11723924 A 20110530; EP 11723925 A 20110530; EP 2011058867 W 20110530; EP 2011058868 W 20110530; US 201113699267 A 20110530