

Title (en)

DEVICE AND METHOD FOR PRODUCING FLOOR PANELS

Title (de)

VORRICHTUNG SOWIE VERFAHREN ZUR HERSTELLUNG VON FUSSBODENPANEELN

Title (fr)

DISPOSITIF ET PROCEDE POUR PRODUIRE DES PANNEAUX DE REVETEMENT DE SOL

Publication

EP 1131192 A1 20010912 (DE)

Application

EP 00956397 A 20000804

Priority

- DE 19945279 A 19990922
- EP 0007579 W 20000804

Abstract (en)

[origin: WO0121366A1] The invention relates to a compression device for compressing a stratified material for producing panels, in particular for a floor, comprising two heated plates, gripping and transport elements, with which a 5 to 12 mm thick stratified material for producing floor panels is gripped and transported between the plates of the compression device. Said device also comprises displacement elements which convey the heated plates to the stratified material in order to compress the latter, whereby the position of the heated plates in relation to the position of the gripping elements is chosen in such a way that the gripping elements are located next to the press plates. The displacement elements are controlled in such a way that both heated plates reach the stratified material simultaneously and are withdrawn from said stratified material in the same manner. The device enables particularly wide, high-quality panels to be produced.

IPC 1-7

B27K 3/15; **B27K 5/00**; **B27K 5/06**

IPC 8 full level

B27D 3/00 (2006.01); **B27M 1/00** (2006.01); **B27M 1/02** (2006.01); **B27M 3/00** (2006.01); **B27M 3/04** (2006.01); **B27N 3/20** (2006.01); **B32B 37/00** (2006.01); **E04F 15/02** (2006.01); **B32B 38/00** (2006.01)

CPC (source: EP ES KR US)

B27D 3/00 (2013.01 - ES); **B27K 3/15** (2013.01 - KR); **B27M 3/04** (2013.01 - EP US); **B27N 3/203** (2013.01 - EP US); **B32B 7/12** (2013.01 - US); **B32B 37/0015** (2013.01 - EP US); **B32B 37/10** (2013.01 - EP US); **B32B 38/0036** (2013.01 - EP US); **E04F 15/16** (2013.01 - ES); **B32B 2260/046** (2013.01 - US); **B32B 2607/00** (2013.01 - US); **Y10T 428/192** (2015.01 - EP US); **Y10T 428/24281** (2015.01 - EP US); **Y10T 428/2457** (2015.01 - EP US); **Y10T 428/24777** (2015.01 - EP US)

Citation (examination)

US 5925211 A 19990720 - RAKAUSKAS MICHAEL E [US]

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 0121366 A1 20010329; AT 4012 U1 20001227; AU 2541100 A 20010424; AU 6835700 A 20010424; CA 2350494 A1 20010329; CN 1176790 C 20041124; CN 1320069 A 20011031; CZ 20011772 A3 20040317; DE 19945279 C1 20010405; EE 200100265 A 20020815; EP 1131192 A1 20010912; ES 2187226 A1 20030516; ES 2187226 B1 20040316; FR 2798615 A1 20010323; FR 2798615 B1 20020607; GB 2354482 A 20010328; GB 2354482 B 20030716; GB 9925312 D0 19991229; HK 1038718 A1 20020328; HU P0200920 A2 20020729; IT 1314057 B1 20021203; IT MI992212 A0 19991021; IT MI992212 A1 20010421; JP 2003509247 A 20030311; KR 100639426 B1 20061027; KR 20010107981 A 20011207; NO 20012487 D0 20010521; NO 20012487 L 20010521; PL 199111 B1 20080829; PL 347737 A1 20020422; PT 102391 A 20010330; PT 102391 B 20020830; RU 2246398 C2 20050220; US 2003064199 A1 20030403; US 6761961 B1 20040713; YU 35801 A 20030228

DOCDB simple family (application)

EP 0007579 W 20000804; AT 82000 U 20000107; AU 2541100 A 20000112; AU 6835700 A 20000804; CA 2350494 A 20000804; CN 00801656 A 20000804; CZ 20011772 A 20000804; DE 19945279 A 19990922; EE P200100265 A 20000804; EP 00956397 A 20000804; ES 9902711 A 19991210; FR 9914988 A 19991129; GB 9925312 A 19991027; HK 01109244 A 20011231; HU P0200920 A 20000804; IT MI992212 A 19991021; JP 2001524773 A 20000804; KR 20017006397 A 20010521; NO 20012487 A 20010521; PL 34773700 A 20000804; PT 10239199 A 19991213; RU 2001113718 A 20000804; US 25671102 A 20020927; US 85608701 A 20010516; YU P35801 A 20000804