

Title (en)

Continuous press for pressing mats into boards

Title (de)

Kontinuierliche Presse zum Verpressen von Pressgutmatten zu Pressgutplatten

Title (fr)

Presse continue pour le pressage de nattes en panneaux

Publication

EP 0909620 B1 20031119 (DE)

Application

EP 98117030 A 19980909

Priority

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- DE 19829741 A 19980703
- DE 19829742 A 19980703

Abstract (en)

[origin: CA2244284A1] A continuous press for pressing a thick mat into a thin panel has a press frame, upper and lower press belts having confronting lower and upper stretches defining a press gap extending in a horizontal transport direction, upper and lower flexible intake plates juxtaposed respectively above and below upstream ends of the lower and upper stretches of the belts and defining therewith an intake mouth flaring upstream, and a plurality of hydraulic actuators braced between at least one of the intake plates and the frame and operable to deform the one plate and thereby change the spacings of the belts at the mouth. a desired shape of the one plate at the mouth is established in accordance with the thickness of the mat, the density of the mat, and the thickness of the panel. Then an actual shape of the one plate is detected by means of an array of position sensors, the detected actual shape of the one plate is compared to the desired shape, any variation between the actual shape and the desired shape is determined, and the actuators are pressurized to impart the desired shape to the one plate.

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B27N 3/24

IPC 8 full level

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CPC (source: EP US)

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EP 0909620 A2 19990421; **EP 0909620 A3 19990519**; **EP 0909620 B1 20031119**; CA 2244283 A1 19990313; CA 2244283 C 20030729; CA 2244284 A1 19990313; CA 2244284 C 20020528; CN 1076258 C 20011219; CN 1188259 C 20050209; CN 1224650 A 19990804; CN 1224651 A 19990804; DE 59810212 D1 20031224; DE 59812293 D1 20041230; EP 0901894 A2 19990317; EP 0901894 A3 19990512; EP 0901894 B1 20041124; EP 1371466 A1 20031217; EP 1371466 B1 20110629; US 6098532 A 20000808; US 6142068 A 20001107

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