

Title (en)  
Continuously operating press

Title (de)  
Kontinuierlich arbeitende Presse

Title (fr)  
Presse à fonctionnement continu

Publication  
**EP 1435288 A3 20051221 (DE)**

Application  
**EP 03029959 A 20031230**

Priority  
DE 10261729 A 20021230

Abstract (en)  
[origin: EP1435288A2] The continuous belt press (3), for the production of thin chipboards or fiberboards and the like, has a press frame with a moving upper frame section (7) and a fixed lower frame section (8). Heated plates (12) are towards the workpiece material, and continuous steel belts (9,10) travel around the upper and lower frame sections through drive and deflection drums, with an adjustable press gap between them. Roller rods (16) are across the line of belt travel, to give support against the heated plates. One or more openings are in the heated plates, across their width, to accommodate pressure units to achieve partial high pressures of 4-8 N/mm<sup>2</sup>. The pressure units have a pressure cylinder, piston and push rod with a pressure unit to generate a raised partial pressure on the fiber/chip material (4) over the mean heated plate pressure.

IPC 1-7  
**B30B 5/06**; **B27N 3/24**

IPC 8 full level  
**B27N 3/24** (2006.01); **B30B 5/06** (2006.01)

CPC (source: EP)  
**B27N 3/24** (2013.01); **B30B 5/06** (2013.01); **B30B 5/067** (2013.01)

Citation (search report)  
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• [A] US 6439113 B1 20020827 - GAWLITTA WERNER [NL], et al  
• [A] DE 10123793 A1 20021128 - METSO PAPER INC [FI]  
• [A] DE 19518879 A1 19961205 - DIEFFENBACHER GMBH MASCHF [DE]  
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