

Title (en)
Continuously operating press

Title (de)
Kontinuierlich arbeitende Presse

Title (fr)
Presse à fonctionnement continu

Publication
EP 1435288 B1 20100929 (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/mm². 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 8 full level
B30B 5/06 (2006.01); **B27N 3/24** (2006.01)

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

Cited by
EP1676696A3; CN114746263A; EP2156931A4; CN114616093A; EP4045302A4; WO2021119701A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1435288 A2 20040707; **EP 1435288 A3 20051221**; **EP 1435288 B1 20100929**; AT E482821 T1 20101015; DE 10261729 A1 20040708; DE 50313126 D1 20101111

DOCDB simple family (application)
EP 03029959 A 20031230; AT 03029959 T 20031230; DE 10261729 A 20021230; DE 50313126 T 20031230