

Title (en)
EXTENDED NIP PRESS

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EP 0064933 B1 19861015 (EN)

Application
EP 82630035 A 19820430

Priority
US 25893281 A 19810430

Abstract (en)
[origin: EP0064933A1] A pressmechanism for removing water from a traveling fibrous paper web (w) including an elongate extended press nip (N) formed between first and second pressing shoes (10, 11) each having a relieved leading edge (12, 13) with an elongate extending following pressing face (14, 15), felts (18, 19) sandwiching the web in the nip, and traveling impervious belts (16, 17) sandwiching the felt and web therebetween with the belts driven by a grooved traction roll (20, 22) and guide roll, and at least one of the shoes (10, 11) pivotally supported along its length and pressing force being applied to one of the shoes by a piston (30) in a cylinder (31) and pressurized fluid (32) applied to the cylinder and piston to obtain the pressing force.

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D21F 3/02

IPC 8 full level
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CPC (source: EP KR)
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Cited by
EP1205600A1; DE10132652A1; DE3704090A1; DE19723172A1; DE10054674A1; EP0839952A1; DE19644108A1; US6065396A; EP0837182A3; US8448532B2; US8178045B2

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