

Title (en)
PRESS SECTION OF A MACHINE FOR PRODUCING A FIBROUS WEB

Title (de)
PRESSENPARTIE EINER MASCHINE ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)
SECTION DE PRESSE D'UNE MACHINE À FABRIQUER UNE BANDE DE MATIÈRE FIBREUSE

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Application
EP 11779404 A 20111107

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Abstract (en)
[origin: WO2012113467A1] The invention relates to a press section for dewatering in a machine for producing a fibrous web (1), in particular a paper, cardboard, or tissue web, comprising a shoe press nip (8) formed by a press roll (2) and a counter roll (3), wherein the press roll (2) has a circumferential flexible cylindrical surface, a supporting stationary yoke, a pressing element (4), and press-on devices, and wherein the press-on devices press the pressing element (4) against the cylindrical surface (7) and thus the cylindrical surface (7) against the counter roll (3), and wherein a collecting tray (20.1, 20.3, 20.4) is provided downstream of the shoe press nip (8) in the running direction of the web; the cylindrical surface (7) is grooved, wherein the length of the grooves in the circumferential direction is greater than the nip length (L), and a collecting tray (10.1, 10.2, 10.3, 10.4) is provided upstream of the shoe press nip (8) on the side of the press roll (2) so that a large amount of water sprays back from the shoe press nip in a direction opposite the running direction of the web and contributes to the improvement of the dewatering performance.

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Opponent : Andritz(Henseler)
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