

Title (en)
Press section

Title (de)
Pressenpartie

Title (fr)
Section de pressage

Publication
EP 1316641 B1 20061004 (DE)

Application
EP 02016712 A 20020726

Priority
DE 10159115 A 20011201

Abstract (en)
[origin: EP1316641A1] The press section to extract water from a wet web (1), e.g. of paper or cardboard or tissue, has at least three roller press gaps. A continuous water extraction belt (2-5) passes through each roller press gap, next to the web, to take up the water pressed out of the web. At least one roller (8) forming a press gap has a smooth surface, in contact with the web. The web is carried through at least one roller press gap by a continuous smooth and impermeable transfer belt (6), against the side of the web away from the smooth roller. The roller press gap in front of the gap with the transfer belt is an extended gap, formed by a shoe press roller (11) and a cylindrical counter roller (12). The final smooth press roller is heated, and the web travels onward around a deflection guide roller (14) and suction unit (16), with a transfer belt (15), to the first drying cylinder (13) of the drying section.

IPC 8 full level
D21F 3/04 (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP US)
D21F 3/04 (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US)

Cited by
US10280562B2; EP1777342A1; EP1777340A1; DE102011083367A1; DE102011081239A1; WO2006074834A1; DE102011005747A1; WO2012126875A1

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EP 1316641 A1 20030604; EP 1316641 B1 20061004; AT E341661 T1 20061015; DE 10159115 A1 20030618; DE 50208327 D1 20061116; US 2003101881 A1 20030605; US 6863776 B2 20050308

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