

Title (en)
Press section

Title (de)
Pressenpartie

Title (fr)
Section de pressage

Publication
EP 0854228 B1 20030319 (DE)

Application
EP 97119262 A 19971104

Priority
DE 19653505 A 19961220

Abstract (en)
[origin: EP0854228A2] The press section of a papermaking machine, to produce a fibre web for paper or cardboard, has a press gap divided into an entry zone (a), press zone (b) and outlet zone (c), with a pressure gradient dp divided by dl developed along the length (l) of the press gap in the direction of web travel. The pressure (p) in the main press zone (b) of the press gap is selected according to the dry matter content of the web on entering the press gap. The pressure gradient dp divided by dl is for a dry content of the web at a medium or high level of $0.01 \times P_{max}$ divided by cm to $0.08 \times P_{max}$ divided by cm , and pref. $0.04 \times P_{max}$ divided by cm , where P_{max} is the given max. pressure at the end of the main press zone (b).

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/02 (2006.01)

CPC (source: EP US)
D21F 3/0218 (2013.01 - EP US); **Y10S 162/06** (2013.01 - EP US)

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Designated contracting state (EPC)
DE FI SE

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DE 19653505 A1 19980625; DE 59709565 D1 20030424; EP 0854228 A2 19980722; EP 0854228 A3 19990526; EP 0854228 B1 20030319; EP 0854228 B9 20050406; US 6120645 A 20000919

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DE 19653505 A 19961220; DE 59709565 T 19971104; EP 97119262 A 19971104; US 99436897 A 19971219