

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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**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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