

Title (en)
Pressing arrangement

Title (de)
Pressenanordnung

Title (fr)
Dispositif de pressage

Publication
EP 1101861 A3 20011114 (DE)

Application
EP 00120687 A 20000922

Priority
DE 19955029 A 19991116

Abstract (en)
[origin: DE19955029A1] The press section of a papermaking/cardboard prodn. machine, where water is extracted from the wet web, has at least one shoe press (10) where two blankets pass through with the web. At the outlet of the shoe press, the two blankets (24,26) together with the web (12) between them pass around the end of the press shoe at least partially. The length of the press shoe (20) is ≈ 350 mm, along the direction (L) of web travel. The two blankets (24,26), and the web (12) between them, emerge from the end of the press shoe at an angle (α) of $\approx 110^\circ$ or $\approx 115^\circ$ or $90-105^\circ$ or $\approx 90^\circ$ to the plane (28) through the center of the press force. The press gap (18) is formed between the press shoe (20) unit and especially a shoe press roller (14) and the facing shoe press counter roller, which has a dia. of ≥ 1000 mm or ≥ 1300 mm. The outlet end of the press shoe (20) has a curve radius (R) of 20-100 mm. At least two shoe press stations are deployed in succession, in the direction (L) of web travel, where two blankets with the web pass through at least one of them.

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/02 (2006.01); **D21F 3/04** (2006.01); **F26B 13/26** (2006.01)

CPC (source: EP)
D21F 3/0218 (2013.01); **D21F 3/04** (2013.01); **D21F 3/045** (2013.01); **F26B 13/26** (2013.01)

Citation (search report)

- [XA] DE 8805966 U1 19890907
- [XA] WO 9112370 A1 19910822 - VOITH GMBH J M [DE]
- [A] DE 29817008 U1 19981126 - VALMET KARLSTAD AB [SE]
- [A] US 5167768 A 19921201 - CRONIN DENNIS C [US], et al
- [A] DE 19642401 A1 19980416 - VOITH SULZER PAPIERMASCH GMBH [DE]

Cited by
EP1201820A3; US6521093B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19955029 A1 20010517; EP 1101861 A2 20010523; EP 1101861 A3 20011114

DOCDB simple family (application)
DE 19955029 A 19991116; EP 00120687 A 20000922