

Title (en)
Press section

Title (de)
Pressenpartie

Title (fr)
Section de pressage

Publication
EP 1048780 A3 20010816 (DE)

Application
EP 00104784 A 20000306

Priority
DE 19919051 A 19990427

Abstract (en)
[origin: EP1048780A2] The press section, at a machine for the prodn. of a fiber paper or cardboard web, has press belts (8-11) which run separatel over guides (13) at the guide zones (12) at the opposite ends flanking the roller press gaps (6,7). The press belt angle (14) between the press belts (8-11) is ≥ 15 degrees . The fiber web (1) is supported by at least one press belt (8-11) at the press section. Pref. all the press belts (8-11) are press blankets. The belt guides (13) are rotating rollers with a radius pref. ≤ 0.8 m. At least one guide roller (13) is on a movab mounting. The press belt angle (14) is set by the position of a guide roller (13), pref. as a bisection of the belt angle round A belt guide zone (12) is in front of and after the roller press gaps (6,7). The guide zones (12) have a pref. length of ≥ 0 . Both press belts (8-11) for at least one roller press gap (6,7) travel separately before and/or after the press gaps (6,7), with press belt angle (14) between them of ≥ 15 degrees and pref. at least partially ≥ 30 degrees . Where the press belts (8-11 move over each other, the belt (9) not in contact with the fiber web (1) has a unit (15) to remove a carried air layer on the si towards the web (1) pref. as a scraper, compressed air jet or a suction roller.

IPC 1-7
D21F 3/04

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

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

Citation (search report)
[X] DE 29800330 U1 19980423 - VOITH SULZER PAPIERTECH PATENT [DE]

Cited by
AT15442U1; DE102011083367A1; DE102011081239A1; DE102011083308A1; WO2013041341A1; DE102011005747A1; WO2012126875A1

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