

Title (en)

MACHINE FOR MANUFACTURING A PAPER OR CARDBOARD WEB AND PRESS SECTION THEREIN

Title (de)

MASCHINE ZUR HERSTELLUNG VON PAPIER- ODER PAPIERBAHNEN UND PRESSPARTIE DAFÜR

Title (fr)

MACHINE POUR LA FABRICATION D'UNE BANDE DE PAPIER OU DE CARTON ET SECTION DE PRESSES DANS CETTE MACHINE

Publication

EP 1266085 A1 20021218 (EN)

Application

EP 01910273 A 20010215

Priority

- SE 0100317 W 20010215
- SE 0000823 A 20000314
- US 19663400 P 20000412

Abstract (en)

[origin: WO0168977A1] A machine for manufacturing a paper or cardboard web (1) comprises a press section (5) with first, second and third presses (52, 60, 63), which each have first and second press elements (53, 54; 61, 62; 64, 65), in which the first press element of the second press is a smooth press roll, with a smooth envelope surface, and the third press has a press felt (66), running around a roll (68) and the second press element in the third press, besides which an impermeable transfer belt (69) runs in contact with the press roll of the second press and the press felt of the third press to transfer the web from the second press to the third press. In accordance with the invention, the press section includes a wet calender, arranged between the second press and the third press and including a first roll nip, formed by a first calender roll (79), arranged in the loop of the transfer belt, and a second calender roll (80), arranged outside the transfer belt (69). The invention also relates to such a press section.

IPC 1-7

D21F 9/00; **D21F 3/00**

IPC 8 full level

D21F 3/02 (2006.01); **D21F 3/04** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01); **D21G 1/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP US)

D21F 3/04 (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US); **D21F 9/006** (2013.01 - EP US); **D21F 11/04** (2013.01 - EP US); **D21G 1/00** (2013.01 - EP US); **D21G 9/0063** (2013.01 - EP US)

Citation (search report)

See references of WO 0168977A1

Designated contracting state (EPC)

AT BE CH DE FI LI SE

DOCDB simple family (publication)

WO 0168977 A1 20010920; AU 3784701 A 20010924; EP 1266085 A1 20021218; US 2003062141 A1 20030403

DOCDB simple family (application)

SE 0100317 W 20010215; AU 3784701 A 20010215; EP 01910273 A 20010215; US 24231602 A 20020912