Title (en)
    METHOD FOR THE MANUFACTURE OF PAPER OR BOARD

Title (de)
    VERFAHREN ZUR HERSTELLUNG VON PAPIER ODER PAPPE

Title (fr)
    PROCEDE DE FABRICATION DU PAPIER OU DU CARTON

Publication
    EP 1392916 A1 20040303 (EN)

Application
    EP 02716874 A 20020425

Priority
    • FI 0200349 W 20020425
    • FI 20011032 A 20010516

Abstract (en)
    [origin: WO02092908A1] Stock is fed from a headbox (100) to a gap former (200) in which water is removed from a web in two directions. The web formed in the gap former is passed to a press section (300) comprising at least one extended nip (N1, N2), in which press section water is removed from the web by pressing and in which the last press nip (N2) is single-felted. In that connection, the density of the web surface which is in the direction of removal of water becomes higher than the density of the opposite surface. The web pressed in the press section is passed to a dryer section (400) in which the web is dried applying at least cylinder drying (R1, R2, R3), after which the web is passed to an end calender (500) in which the web is calendered. After the press section, heating is applied by at least one hot pre-calendering device (Nh) to that surface of the web which is placed against a substantially impervious press surface in the last press nip (N2) of the press section, whereby the fibres of the web surface having a lower density are heated and water is evaporated and transferred to the opposite surface of the web.

IPC 1-7
    D21F 3/00; D21F 11/00

IPC 8 full level
    D21F 3/02 (2006.01); **D21F 5/04** (2006.01); **D21F 9/00** (2006.01); **D21F 11/00** (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP)
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