

Title (en)

METHOD FOR DRYING A SURFACE-TREATED PAPER WEB OR EQUIVALENT IN AN AFTER-DRYER OF A PAPER MACHINE AND AFTER-DRYER CARRYING OUT THE METHOD IN A PAPER MACHINE

Title (de)

VERFAHREN ZUR TROCKNUNG VON OBERFLÄCHENBEHANDELTEM PAPIER IN EINEM NACHTROCKNER EINER PAPIERMASCHINE UND NACHTROCKNER ZUR AUSFÜHRUNG DES VERFAHRENS IN EINER PAPIERMASCHINE

Title (fr)

PROCEDE DE SECHAGE D'UNE BANDE DE PAPIER OU ANALOGUE, SOUMIS A UN TRAITEMENT DE SURFACE, DANS UNE POST-SECHERIE ET POST-SECHERIE PERMETTANT D'APPLIQUER LEDIT PROCEDE DANS UNE MACHINE A PAPIER

Publication

EP 1015689 B1 20040128 (EN)

Application

EP 97919059 A 19970909

Priority

- FI 9700531 W 19970909
- FI 963734 A 19960920

Abstract (en)

[origin: WO9812379A1] The invention concerns a method for drying a surface-treated paper web or equivalent in an after-dryer of a paper machine, in which method the paper web (W) is first finished in a finishing section, in which finishing section the paper web (W) is surface-sized or coated by means of a finishing device (10), after which the paper web (W) is dried. In the after-dryer the paper web (W) is dried in a dryer group/groups making use of a normal single-wire draw, and, in connection with or after the drying, the paper web (W) is treated by means of a device/devices (192, 191, 201, 202) in order to compensate for a tendency of curling of the paper web (W). Further, the invention concerns an after-dryer for a paper machine for applying the method to the drying of a surface-treated paper web or equivalent, which after-dryer is placed after the finishing device (10), by means of which finishing device (10) the paper web (W) is surface-sized or coated. The after-dryer comprises at least one dryer group that applies a normal single-wire draw so as to dry the paper web (W) and a device/devices (191, 192, 201, 202) for compensating for a tendency of curling of the paper web (W).

IPC 1-7

D21F 5/04

IPC 8 full level

D21F 5/04 (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP KR)

D21F 5/04 (2013.01 - EP KR); **D21G 9/009** (2013.01 - EP)

Cited by

DE202013011389U1; EP2765237A1

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

WO 9812379 A1 19980326; AT E258619 T1 20040215; AU 4302797 A 19980414; CA 2266780 A1 19980326; CA 2266780 C 20070508; CN 1077636 C 20020109; CN 1231006 A 19991006; DE 69727401 D1 20040304; DE 69727401 T2 20040715; EP 1015689 A1 20000705; EP 1015689 B1 20040128; FI 101488 B1 19980630; FI 101488 B 19980630; FI 963734 A0 19960920; FI 963734 A 19980321; JP 2001500579 A 20010116; JP 4027987 B2 20071226; KR 100487017 B1 20050503; KR 19990046827 A 19990705

DOCDB simple family (application)

FI 9700531 W 19970909; AT 97919059 T 19970909; AU 4302797 A 19970909; CA 2266780 A 19970909; CN 97198079 A 19970909; DE 69727401 T 19970909; EP 97919059 A 19970909; FI 963734 A 19960920; JP 51431898 A 19970909; KR 19997002411 A 19990320