

Title (en)

Method in the drying of a paper web and a dryer section of a paper machine.

Title (de)

Verfahren zur Trocknung einer Papierbahn und Trockenpartie einer Papiermaschine.

Title (fr)

Procédé pour le séchage d'une bande de papier et une section de séchage d'une machine à papier.

Publication

**EP 0653515 A3 19960221 (EN)**

Application

**EP 94850170 A 19941004**

Priority

FI 934367 A 19931005

Abstract (en)

[origin: EP0653515A2] Method and dryer section in contact-drying of a paper web (W). The paper web (W) is dried by means of heated smooth-faced drying cylinders (10, 20A,20B) by using a number of successive so-called normal groups (R1...RN) with single-wire draw, in which the drying cylinders (10) are placed in the upper row and the reversing suction cylinders (11) in the lower row. After the press section of the paper machine, the paper web (W) is dried initially in a number of successive groups (R1...RN) with single-wire draw by pressing the paper web (W) by means of the drying wire (15) of the cylinder group against the heated faces of the drying cylinders (10) and by, in each group (R1...RN) with single-wire draw, passing the paper web (W) on support of the same drying wire (15) from one drying cylinder (10) onto the other drying cylinder over reversing suction cylinders (11) or rolls. By means of the groups (R1...RN) with single-wire draw, the paper web (W) is dried to a dry solids content of  $k_1 = 70...92\%$ . After the drying steps which were carried out exclusively by means of normal groups (R1...RN) with single-wire draw, the paper web (W) is dried immediately further by means of one single group (RTW) with twin-wire draw to its ultimate dry solids content. <IMAGE>

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