

Title (en)

A PAPER MACHINE FOR MANUFACTURING A SOFT CREPE PAPER WEB.

Title (de)

PAPIERMASCHINE ZUR HERSTELLUNG EINES WEICHKREPP-PAPIERBANDES.

Title (fr)

MACHINE A PAPIER SERVANT A LA FABRICATION DE BANDES DE PAPIER CREPE SOUPLE.

Publication

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Application

**EP 89911902 A 19891020**

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- SE 8803810 A 19881025

Abstract (en)

[origin: WO9004676A1] A paper machine for manufacturing a soft crepe paper web, comprising a wet end (1) having a forming wire (4) for forming and carrying a paper web (7), and a drying section (2) provided with a drying cylinder (12), said paper machine having a first operating arrangement for manufacturing a soft crepe paper web with certain bulk and softness values, in which first operating arrangement the drying section has a felt (13) arranged to run in a loop from a pick-up roll (14) at the transition between the wet end and drying section, to a press roll (15) at the drying cylinder, and the carrying forming wire runs up to the pick-up roll (14) to transfer the paper web to the felt (13). According to the invention the paper machine is rebuildable between said first operating arrangement and a second operating arrangement for the production of a soft crepe paper web having higher bulk and softness values in relation to the first operating arrangement and in which second operating arrangement the carrying forming wire (4a) runs up to the press roll (15). Said felt is replaced by a belt (25) of wire type, movable in a loop from the pick-up roll (14) to the press roll in contact with the carrying forming wire (4a), while enclosing the paper web therebetween in order to form a sandwich structure. Means (29-31) producing jets of air are arranged along the sandwich structure to remove water from the paper web (7). Further cleaning means (33-36, 38) are disposed along the belt (25) to clean it so that the permeability to water and air is maintained.

IPC 1-7

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