

Title (en)
METHOD AND SYSTEM FOR THE OPTIMIZATION OF PROPERTIES OF A MULTILAYER FIBER WEB IN FIBER WEB MANUFACTURE

Title (de)
VERFAHREN UND SYSTEM ZUM OPTIMIEREN DER EIGENSCHAFTEN EINER MEHRSCICHTIGEN FASERSTOFFBAHN IN DER FASERBAHNHERSTELLUNG

Title (fr)
PROCÉDÉ ET SYSTÈME POUR L'OPTIMISATION DES PROPRIÉTÉS D'UNE BANDE DE FIBRES MULTICOUCHE PENDANT LA FABRICATION DE BANDES DE FIBRES

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Application
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Abstract (en)
The invention relates to a method for the optimization of the properties of a multilayer fiber web (10) in the manufacture of a fiber web (10), in which method the multilayer fiber web (10) is formed by feeding at least two stock suspensions that form a layer (16) of the fiber web (10) to a forming section (50) from two or more headboxes (12) divided into parallel feed zones (18), where those properties of said stock suspensions that affect the strength of the finished fiber web differ from each other, and the basis weight profile of said stock suspensions is adjusted in two or more headboxes (12) by feeding dilution water in zones in the cross direction of the fiber web machine into each stock suspension. In the method, the cross-directional basis weight profile and strength of the formed fiber web (10) are adjusted in the cross direction of the fiber web machine by adjusting the amount of dilution water in zones separately in each stock suspension fed. The invention also relates to a corresponding system.

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Citation (applicant)
FI 121888 B 20110531 - METSO PAPER INC [FI]

Citation (search report)
• [XY] US 6284100 B1 20010904 - SHAKESPEARE JOHN FRANCIS [FI], et al
• [X] DE 19514236 A1 19961017 - VOITH SULZER PAPIERMASCH GMBH [DE]
• [Y] DE 102009028135 A1 20100311 - METSO PAPER INC [FI]
• [Y] WO 2004109010 A1 20041216 - METSO PAPER INC [FI], et al

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