

Title (en)

INFLUENCING THE PROFILE OF THE PROPERTIES OF A WEB BY MEANS OF AN ACOUSTIC FIELD

Title (de)

BEEINFLUSSUNG EINES BAHNEIGENSCHAFTS-PROFILES MITTELS MINDESTENS EINES SCHALLFELDES

Title (fr)

MODIFICATION DU PROFIL DES PROPRIETES D'UNE BANDE AU MOYEN D'AU MOINS UN CHAMP ACOUSTIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0186061A1] The invention relates to a method and a device for the processing of a fibre web or a suspension layer in a paper-, cardboard- or carding-machine or a size press for influencing the profile of the properties of a web by means of at least one sectional, directed acoustic field. In other words, the acoustic field is narrower than the width of the fibre web, or the suspension layer and the acoustic field affects components of the fibre web, or suspension layer at a defined angle. The profiles of the properties of a web influenced by acoustic fields are lamination, spatial orientation, fibre orientation, dry content, breaking length ratio, flocculation and colour coat depth. Furthermore the introduction of a signature mark into the fibre web or suspension layer is possible.

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