Title (en)

METHOD AND APPARATUS TO CRIMP A SHEET

Title (de)

VERFAHREN UND VORRICHTUNG ZUM CRIMPEN EINER MATERIALBAHN

Title (fr)

PROCÉDÉ ET APPAREIL DE SERTISSAGE D'UNE BANDE

Publication

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Application

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Abstract (en)

[origin: WO2021136612A1] The invention relates to a method to crimp a sheet (2) having, before crimping, a thickness (11), a moisture, a composition and a width, the method comprising: • - obtaining one pre-crimping sheet (2) characteristic among: • o the thickness (11) of the sheet; • o the moisture of the sheet; • o the composition of the sheet; • o the width of the sheet; • - crimping the sheet (2) to form a plurality of corrugations on the sheet (10), the crimping including: • o providing a pair of crimping rollers (4,5) defining a nip (6) therebetween, the nip (6) having a nip size (14); • o inserting the sheet (2) in the nip (6); • - evaluating a post-crimping characteristic of the sheet (10) after crimping; and • - varying the nip size (14) on the basis of the obtained one of the pre-crimping sheet (2) characteristic, and on the basis of the evaluated post-crimping sheet (10) characteristic. The invention also relates to an apparatus (1) to crimp a sheet (2).

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