

Title (en)
METHOD FOR APPLYING A MULTIPLE LAYER DIRECTLY TO A PAPER, CARDBOARD OR OTHER FIBROUS MATERIAL CONTINUOUSLY MOVING WEB

Title (de)
VERFAHREN ZUM DIREKTEN AUFBRINGEN EINER MEHRFACHSCHICHT AUF EINE LAUFENDE PAPIER-, KARTON- ODER ANDERE FASERSTOFFBAHN

Title (fr)
PROCEDE POUR APPLIQUER DIRECTEMENT PLUSIEURS COUCHES SUR UNE BANDE EN MOUVEMENT CONSTITUEE DE PAPIER, DE CARTON OU D'AUTRE MATIERE FIBREUSE

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Application
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Priority
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Abstract (en)
[origin: WO2006069851A1] The invention relates to a method for applying a multiple layer directly to a paper, cardboard or other fibrous material continuously moving web during production and/or finishing thereof, wherein the individual layers of the multiple layer (2) are formed by several liquid or pasty application media or liquid flows (Q1-Qn), in particular aqueous pigment suspensions. According to said invention, said individual application media or liquid flows (Q1-Qn) are contactlessly applied to the fibrous material web (1) without predrying, excess amounts and mutual mixing, wherein the application medium whose specific weight (p1 to pn) and/or viscosity (?1 to ?n) and/or surface tension (d1 to dn) are less than said properties of the following application medium is applied to the application medium or a layer whose specific weight (p1 to pn) and/or viscosity (?1 to ?n) and/or surface tension (d1 to dn) are greater in such a way the application medium having the greater values forms the first or lower layer (U) and the application medium having the lesser values forms the cover layer (D) on the fibrous material web (1).

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