

Title (en)

METHOD FOR PRODUCING A COATED PAPER, PAPERBOARD OR OTHER FIBROUS WEB

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BESCHICHTETEN PAPIER-, KARTON- ODER ANDEREN FASERSTOFFBAHN

Title (fr)

PROCEDE DE FABRICATION D'UNE NAPPE REVETUE DE PAPIER, DE CARTON OU D'AUTRES MATERIAUX FIBREUX

Publication

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Application

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Abstract (en)

[origin: WO2008034713A1] The invention relates to a method for producing a coated paper, paperboard or other fibrous web, having the following steps: web formation from a fibrous material mixture, having a headbox (2) and a wire section (3), dewatering in a pressing section (4), drying in a drying section (6) which comprises drying cylinders (5), in order to dry the fibrous web (7) which is formed at least as far as a residual moisture content, application of a simultaneous precoating to both web sides (7a; 7b) by way of a size or film press (8) for applying starch or pigment-containing application medium, afterdrying with contactless dryers (9) and an afterdrying section (11) which comprises drying cylinders (10), and presmoothing (12) by way of a soft nip or hard nip calender (12a), reeling (25). According to the invention, a pigment-containing application medium (13) is applied to only one web side (7a) of the fibrous web (7) in an online process after the presmoothing (12), for which purpose a first coating device, for example a film coater (14), is used for applying the application medium (13) indirectly by means of an applicator roll (14a) and/or a second coating device, for example a blade coater (15), is used for applying the application medium (13) directly, and wherein both abovementioned coating devices or coaters (14; 15) can be operated as desired and the fibrous web (7) in the process maintains a predefined web running path which extends as far as over subsequent stationary, contactless drying (17).

IPC 8 full level

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