

Title (en)

METHOD AND DEVICE FOR DRYING A FIBROUS WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TROCKNUNG EINER FASERSTOFFBAHN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR SÉCHER UNE BANDE DE MATIÈRE FIBREUSE

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Application

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Abstract (en)

[origin: CA2752172A1] The invention relates to a method and to a device for drying a fibrous web wherein the traveling fibrous web is acted upon by steam and hot, moist air in the region of a preceding drying zone (10) and is then fed to the preceding drying zone (10) of a downstream drying zone (12) comprising a drying cylinder (14) and a hood (16) allocated thereto. Hot air (18) is taken out of the hood (16) allocated to the drying cylinder (14) of the downstream drying zone (12). To create at least a portion of the steam for the preceding drying zone (10), condensate and/or fresh water occurring in the drying cylinder (14) of the downstream drying zone (12) is heated by the hot air (18) taken out of the hood (16) by means of a first heat exchanger (20). Alternatively or additionally for creating at least a portion of the hot, moist air for the preceding drying zone (10), the hot air (18) taken out of the hood (16) guided through the first heat exchanger (20) is fed to the preceding drying zone (10).

IPC 8 full level

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