

Title (en)

DEVICE FOR TREATING A RUNNING PAPER, CARDBOARD, OR OTHER FIBER MATERIAL WEB

Title (de)

VORRICHTUNG ZUR BEHANDLUNG EINER LAUFENDEN PAPIER-, KARTON- ODER ANDEREN FASERSTOFFBAHN

Title (fr)

DISPOSITIF POUR TRAITER UNE BANDE CONTINUE DE PAPIER, CARTON OU AUTRE MATIÈRE FIBREUSE

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Application

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Abstract (en)

[origin: WO2011067233A2] The invention relates to a device for treating a running paper, cardboard, or other fiber material web (1) during the production and/or refining process thereof, comprising at least one coating device (2) for applying a liquid or paste application medium, comprising at least one drying device (3) for drying the applied medium and comprising at least one draw press (4) for applying the required web tension after the individual treating devices, wherein the draw press (4) comprises a stationary, or non-pivotable roller (5) and a displaceable roller (6) that can be pressed against the stationary roller (5), together forming a press gap (7) through which the fiber material web (1) travels during the treatment thereof, wherein the fiber material web (1) partially enwraps the circumference of the stationary roller (5), that is, by a wrap angle on the inlet side and the outlet side of the press gap (7). According to the invention, a wrap angle (a) of greater than 5° up to 180° is provide for wrapping on the inlet side, while the wrap angle (β) on the outlet side is negligible or insignificant, and that at least one auxiliary device (10) is provided for preventing air bubbles between the stationary roller (5) and the fiber material web (1) and for stabilizing the fiber material web (1) during the inlet side wrapping.

IPC 8 full level

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