Title (en)

DEVICE FOR SOLIDIFYING A MATERIAL WEB

Title (de)

VORRICHTUNG ZUM VERFESTIGEN EINER MATERIALBAHN

Title (fr)

DISPOSITIF DE CONSOLIDATION D'UNE BANDE DE MATÉRIAU

Publication

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Application

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Abstract (en)

[origin: WO2011103850A1] The invention relates to a device for solidifying a material web (F) formed of fibres and/or filaments, said device comprising a screen belt (S) carrying the material web (F), a nozzle beam (D) arranged above the screen belt (S) for subjecting the material web (F) to a pressurized fluid with a plurality of fluid jets (W) arranged in at least one row, and a suction device which is disposed below the screen belt (S), interacts with the nozzle beam (D) and has a suction gap (A). The invention is characterized in that the fluid jets (W) hit the material web (F) in the surface section of the suction gap (A). According to the invention, the fluid application (W) is carried out in the rear section of the suction gap (A) when seen in the conveying direction of the material web (F).

IPC 8 full level

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