

Title (en)

DEVICE FOR TREATING SHEET-LIKE MATERIAL USING PRESSURIZED WATER JETS

Title (de)

VORRICHTUNG ZU HYDRAULISCHER VERNADELUNG VON BAHNFÖRMIGEN MATERIALEN

Title (fr)

DISPOSITIF POUR LE TRAITEMENT DE MATERIAUX EN FEUILLE AU MOYEN DE JETS D'EAU SOUS PRESSION

Publication

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Application

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Abstract (en)

[origin: WO0144553A1] A device for treating sheet-like material using water jets/needles, comprising a pressurized water supply body consisting of a feed chamber extending along the entire length of said body and inside which pressurized water is guided through a filter; and a distribution area distributing pressurized water along the entire length of treatment, comprising a plate (7) which is provided with microperforations, whereby the holes thereof define water needles which are directed against the surface of the material which is to be treated. The invention is characterized in that the microperforations (15) are made inside inserts (13) which are made of a hard material, set inside pre-made holes (12) which are carried out along the full thickness of the plate.

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