

Title (en)

REGULAR PROJECTION DEVICE FOR JETS OF WATER USED PARTICULARLY IN A NONWOVEN FABRIC BONDING INSTALLATION

Title (de)

VORRICHTUNG ZUR REGELMÄSSIGEN ERZEUGUNG VON WASSERSTRAHLEN UND DEREN ANWENDUNG IN EINER EINRICHTUNG ZUR BINDUNG VON NICHT-GEWEBTEN FASERN

Title (fr)

DISPOSITIF DE PROJECTION REGULIERE DE JETS D'EAU S'APPLIQUANT NOTAMMENT A UNE INSTALLATION DE LIAGE DE NON-TISSES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03072261A1] The invention relates to a device for projecting jets of water. The inventive device consists of a pressure-resistant body (1) which defines an internal chamber (7) having an inlet and means of communicating said chamber (7) with an outlet (23), said communication means passing through a plate (21) having at least one row of perforations. Moreover, said communication means comprise holes, which are disposed in the aforementioned body (1), said holes having a straight section with a circular outlet which opens from the chamber (7) into a channel (19) that is adjacent to the plate (21), whereby the largest dimension of the channel is perpendicular to the axis of the holes (12, 18), wherein the dimension of the channel, i.e. the width thereof, perpendicular to said largest dimension and which is not parallel to the axis of the holes, is smaller than the diameter of the straight outlet section of the holes.

IPC 8 full level

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