

Title (en)

MACHINE FOR MAKING A NONWOVEN BY AIRLAY TECHNIQUE, COMPRISING A FIBRE DISPERSING CHAMBER WHEREOF THE FRONT WALL IS POROUS IN THE LOWER PART

Title (de)

VORRICHTUNG ZUR HERSTELLUNG EINES LUFTGELEGTEN FASERVLESSES MIT FASERVERTEILUNGSKAMMER DEREN VORDERWAND PORÖS IST

Title (fr)

MACHINE POUR LA FABRICATION D'UN NON-TISSE PAR VOIE AÉRAULIQUE, COMPORTANT UNE CHAMBRE DE DISPERSION DES FIBRES DONT LA PAROI AVANT EST POREUSE EN PARTIE BASSE

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Application

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Abstract (en)

[origin: WO02088441A1] The invention concerns a machine (4) for making a nonwoven by airlay technique, comprising: a surface (6a) for forming and conveying the nonwoven, which is permeable to air; a dispersion chamber (11) above the forming and conveying surface (6a); means (12) for supplying the dispersion chamber (11) with fibres designed to form the nonwoven; and means (13, 14) adapted to generate, inside the dispersing chamber (11), an air stream for dispersing the fibres inside the chamber and projecting them on the forming and conveying surface (6a). The front wall (9) of the dispersing chamber (11) is porous in its lower part, and preferably has in its lower part a slope modification such that its internal surface (17b) forms a funnel (21) with the forming and conveying surface (6a).

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