

Title (en)  
DEVICE FOR THE MANUFACTURE OF WOVEN MATERIAL FROM CONTINUOUS FILAMENTS

Title (de)  
VORRICHTUNG ZUR HERSTELLUNG VON SPINNVLIESSEN AUS ENDLOSFILAMENTEN

Title (fr)  
DISPOSITIF DE FABRICATION D'UN TISSU NON-TISSÉ À PARTIR DE FILAMENTS CONTINUS

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: CA2997488A1] The invention relates to a device for producing spunbonds from endless filaments, comprising at least one spinneret, at least one cooling device, at least one stretching device and comprising at least one depositing device for depositing the filaments. At least one diffuser is arranged between the stretching device and the depositing device so that filaments and primary air from the stretching device enter into the diffuser. In the region of the at least one diffuser at least two secondary air inlet gaps arranged on opposite sides of the diffuser are provided. At least one secondary air inlet gap is formed with the proviso that the secondary air flows in at an angle  $\alpha$  with respect to the filament flow direction FS, wherein the inflow angle  $\alpha$  is less than  $100^\circ$ . An extraction device for extracting air through the depositing device. An extraction region arranged underneath the diffuser outlet has a width  $b$  in the machine direction which is greater than the width  $B$  of the diffuser outlet.

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