

Title (en)
AIR JET SPINNING DEVICE

Title (de)
LUFTDÜSENSPINNVORRICHTUNG

Title (fr)
DISPOSITIF DE FILAGE A BUSE D'AIR

Publication
EP 1563130 A1 20050817 (DE)

Application
EP 03750686 A 20031004

Priority
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Abstract (en)
[origin: WO2004048655A1] An air jet spinning device for producing a spun thread (4) contains a turbulence chamber (3) through which a staple fiber assembly passes. At least one compressed air channel (6) opens into said turbulence chamber and is provided in the form of a jet slot (15), which is placed in a jet body and lies in a plane that is radial to the running direction of the staple fiber assembly. The jet slot (15) is completed by a face of a covering (17) in order to form said compressed air channel (6). In immediate contact with the opening (7), the covering comprises a slanted air deflecting surface (21), which is sloped in the running direction of the staple fiber assembly and which is preferably provided in the form of a conical annular surface.

IPC 1-7
D01H 4/02; **D01H 1/115**

IPC 8 full level
D01H 1/115 (2006.01); **D01H 4/02** (2006.01)

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See references of WO 2004048655A1

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