

Title (en)
AIR JET SPINNING FRAME

Title (de)
LUFTDÜSENSPINNVORRICHTUNG

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

Publication
EP 1802791 A1 20070704 (DE)

Application
EP 05795954 A 20051018

Priority
• EP 2005011192 W 20051018
• DE 102004052206 A 20041019

Abstract (en)
[origin: WO2006042738A1] An air jet spinning frame contains a substantially hollow cylindrical turbulence chamber whose circumferential wall forms in the staple sliver entry region a support surface for a circumferential surface of a rotationally symmetrical insert. A plurality of air slots are formed in the circumferential surface of the insert and form closed pressurised air ducts when completed by the support surface. The nozzle-like openings of the pressurised air ducts are arranged in the front side of the insert which faces the turbulence chamber. According to the invention, the air slots are arranged in the form of a multiplex thread.

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D01H 1/115 (2006.01); **D01H 4/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2006042738A1

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