

Title (en)
AIR JET SPINNING DEVICE

Title (de)
LUFTDÜSENSPINNVORRICHTUNG

Title (fr)
DISPOSITIF DE FILATURE A JET D'AIR

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Application
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Abstract (en)
[origin: WO2006027216A1] The invention relates to an air jet spinning device, comprising a fibre introduction channel (8) opening into a swirl chamber (9) and a fibre withdrawal channel (10) exiting from the swirl chamber (9). Said withdrawal channel is arranged in a spindle-shaped component (13), which may be moved away from the fibre introduction channel (8) by means of an adjuster device. A cleaning channel (23), which may be connected to a compressed air source (E) and directed against the spindle-shaped component (13), is provided for cleaning the region of the inlet opening of the fibre withdrawal channel (10). The above opens in an annular channel (24) enclosing the spindle-shaped component (13). A first outlet opening (25) from said annular channel is embodied such as to form an annular opening, enclosing the spindle shape component (13) when moved away from the fibre introduction channel (8) and is directed against the fibre introduction channel (8). A second outlet opening (26) from the annular channel opens into the thread withdrawal channel (10) via an intermediate channel (27) and is directed against the inlet opening (15) thereof. In case of maintenance the region of the inlet opening (15) can thus be cleaned from the inside and the outside.

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