

Title (en)
Spinning nozzle and spinning machine of an air-jet spinning machine equipped with the same

Title (de)
Spinndüse sowie damit ausgerüstete Spinnstelle einer Luftspinnmaschine

Title (fr)
Filière et poste de filage d'un métier à filer à jet d'air en étant équipé

Publication
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Application
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Priority
CH 11212013 A 20130614

Abstract (en)
[origin: US2014366503A1] The invention relates to a spinning nozzle for an air-jet spinning machine which is used for producing a thread (2) from a fiber sliver (3), wherein the spinning nozzle (1) has a base body (4) with an internal turbulence chamber (5), wherein the spinning nozzle (1) has an inlet opening (6) for the fiber sliver (3) which enters the turbulence chamber (5) in a transport direction when the air-jet spinning machine is operating, wherein a fiber guide channel (7) for guiding the fiber sliver (3) entering the inlet opening is provided between the inlet opening and the turbulence chamber (5), wherein the spinning nozzle (1) has a thread-forming element (8) which extends at least partially into the turbulence chamber (5) and has an inlet mouth (9) as well as an adjoining take-off channel (10) for the thread (2) in the transport direction, and wherein the spinning nozzle (1) has air nozzles (11) which are directed into the turbulence chamber (5) and which open out into the turbulence chamber (5) in the region of a wall (12) which encompasses the turbulence chamber (5). According to the invention, it is provided that, the spinning nozzle (1) has an extension piece (13) which is releasably fixed to the base body (4) in the region of the inlet opening (6), wherein the fiber guide channel (7) adjoining the inlet opening (6) is formed at least partially by a channel section (14) of the extension piece (13). Further, a spinning station of an air-jet spinning machine is proposed, wherein the spinning station comprises at least one correspondingly designed spinning nozzle (1).

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