

Title (en)  
SPINNERET FOR AN AIR JET SPINNING MACHINE AND AIR JET SPINNING MACHINE HAVING A CORRESPONDING SPINNERET

Title (de)  
SPINNDÜSE FÜR EINE LUFTSPINNMASCHINE SOWIE LUFTSPINNMASCHINE MIT EINER ENTSPRECHENDEN SPINNDÜSE

Title (fr)  
BUSE DE FILAGE POUR UN MÉTIER À FILER À JET D'AIR ET MÉTIER À FILER À JET D'AIR AVEC BUSE DE FILAGE CORRESPONDANTE

Publication  
**EP 3155151 A1 20170419 (DE)**

Application  
**EP 15731667 A 20150608**

Priority

- CH 9002014 A 20140613
- IB 2015000873 W 20150608

Abstract (en)  
[origin: WO2015189674A1] The invention relates to a spinneret for an air jet spinning machine which serves to produce roving (1) from a sliver (2), wherein the spinneret (3) has an inlet opening (4) for the sliver (2), wherein the spinneret (3) has a vortex chamber (6) at least partially bounded by a vortex chamber wall (5), said vortex chamber (6) being arranged downstream of the inlet opening (4) in a transport direction (T), determined in an installed state of the spinneret (3), of the sliver (2), wherein the spinneret (3) has an opening (7) which is spaced apart from the inlet opening (4) in the transport direction (T) and via which a hollow spindle (8) is able to be introduced into the vortex chamber (6), wherein the spinneret (3) has at least one spinning air duct (9) via which air is able to be introduced into the interior of the vortex chamber (6), wherein the spinning air duct (9) extends between a spinning air inlet opening (10) and a spinning air outlet opening (11) and the spinning air inlet opening (10) is arranged in the region of an outer side (12) of the spinneret (3) and the spinning air outlet opening (11) is arranged in the region of an inner side (13), bounding the vortex chamber (6), of the vortex chamber wall (5), wherein the spinneret (3) has at least one start-up spinning air duct (14) via which air is likewise able to be introduced into the interior of the vortex chamber (6), wherein the start-up spinning air duct (14) extends between a start-up spinning air inlet opening (15) and a start-up spinning air outlet opening (16) and the start-up spinning air inlet opening (15) is arranged in the region of said outer side (12) of the spinneret (3) and the start-up spinning air outlet opening (16) is arranged in the region of said inner side (13) of the vortex chamber wall (5), and wherein the spinning air inlet opening (10) and the start-up spinning air inlet opening (15) are spaced apart from one another in said transport direction (T). According to the invention, it is proposed that the start-up spinning air duct (14) extends, at least partially counter to the transport direction (T), from the start-up spinning air inlet opening (15) thereof.

IPC 8 full level  
**D01H 7/92** (2006.01)

CPC (source: CN EP)  
**D01H 1/115** (2013.01 - EP); **D01H 4/02** (2013.01 - CN); **D01H 7/92** (2013.01 - EP)

Citation (search report)  
See references of WO 2015189674A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**CH 709756 A1 20151215**; CN 106460249 A 20170222; CN 106460249 B 20190820; EP 3155151 A1 20170419; EP 3155151 B1 20191204; JP 2017521578 A 20170803; JP 6689259 B2 20200428; WO 2015189674 A1 20151217

DOCDB simple family (application)  
**CH 9002014 A 20140613**; CN 201580031314 A 20150608; EP 15731667 A 20150608; IB 2015000873 W 20150608; JP 2017517436 A 20150608