

Title (en)

HOLLOW GUIDE SHAFT, AIR-JET SPINNING DEVICE, AND TEXTILE MACHINERY

Title (de)

HOHLE FÜHRUNGSSCHAFT, LUFTDÜSENSPINNVORRICHTUNG UND TEXTILMASCHINE

Title (fr)

TIGE DE GUIDAGE CREUSE, DISPOSITIF DE FILIÈRES À AIR ET MACHINERIE TEXTILE

Publication

**EP 3156526 B1 20191106 (EN)**

Application

**EP 16199517 A 20150903**

Priority

- JP 2014199701 A 20140930
- EP 15183651 A 20150903

Abstract (en)

[origin: EP3012362A2] A hollow guide shaft (38) includes a first member (40) and a second member (50). In the first member (40) are formed an introducing opening (42) through which a fiber bundle (8) is introduced, a first fiber passageway (47) through which the guided fiber bundle (8) passes, and an assisting nozzle (45) arranged so as to generate inside the first fiber passageway (47) a swirling air current that conveys the fiber bundle (8) downstream during yarn discharge spinning. In the second member (50) is formed a second fiber passageway (53) through which the fiber bundle (8) that has passed through the first fiber passageway (47) passes. The second member (50) is arranged as a separate member from the first member (40).

IPC 8 full level

**D01H 1/115** (2006.01)

CPC (source: EP)

**D01H 1/115** (2013.01)

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

DOCDB simple family (publication)

**EP 3012362 A2 20160427; EP 3012362 A3 20160727**; CN 105463634 A 20160406; CN 105463634 B 20190416; EP 3156526 A1 20170419; EP 3156526 B1 20191106; JP 2016069749 A 20160509; JP 6394954 B2 20180926

DOCDB simple family (application)

**EP 15183651 A 20150903**; CN 201510586217 A 20150915; EP 16199517 A 20150903; JP 2014199701 A 20140930