

Title (en)

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

Title (de)

HOHLER FÜHRUNGSZYLINDER, LUFTDÜSENSPINNVORRICHTUNG UND TEXTILMASCHINE

Title (fr)

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

Publication

EP 3012362 A2 20160427 (EN)

Application

EP 15183651 A 20150903

Priority

JP 2014199701 A 20140930

Abstract (en)

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)

Citation (applicant)

- JP 2001146646 A 20010529 - MURATA MACHINERY LTD
- JP 2001146647 A 20010529 - MURATA MACHINERY LTD

Cited by

EP4012083A1; EP3293294A1; WO2022122376A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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