

Title (en)
PNEUMATIC SPINNING DEVICE AND PNEUMATIC SPINNING MACHINE

Title (de)
PNEUMATISCHE SPINNVORRICHTUNG UND PNEUMATISCHE SPINNMASCHINE

Title (fr)
DISPOSITIF ET MACHINE DE FILAGE PNEUMATIQUE

Publication
EP 3792381 B1 20230301 (EN)

Application
EP 20193593 A 20200831

Priority
JP 2019166826 A 20190913

Abstract (en)
[origin: EP3792381A1] A pneumatic spinning device includes a fiber guide (101) and a spindle (102). The fiber guide (101) has a linear first passage (111) through which a fiber bundle passes. The spindle (102) has a second passage (122 through which the fiber bundle having passed through the first passage (111) is guided. An inner surface of the first passage (111) has a flat plane portion (151) arranged along the first direction in which the first passage (111) extends between an upstream end (111a) and a downstream end (111b) of the first passage (111). The interval (S1) in the second direction between the downstream end (151a) of the plane portion (151) and the center (122b) of the upstream end (122a) of the second passage (122) is equal to or greater than 0.8 mm and equal to or less than 3.4 mm.

IPC 8 full level
D01H 1/115 (2006.01)

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