

Title (en)
Air-jet spinning device and spinning machine

Title (de)
Druckluftspinnvorrichtung und Spinnmaschine

Title (fr)
Fileuse pneumatique et métier à filer

Publication
EP 2876192 B1 20161109 (EN)

Application
EP 14193635 A 20141118

Priority
JP 2013242880 A 20131125

Abstract (en)
[origin: EP2876192A1] In an air-jet spinning device (7), a nozzle block (70) includes a spinning chamber (73) where fibers are swirled by an action of a swirling air current, and a first nozzle (74) that injects air into the spinning chamber (73). The unit controller (10) causes, in a period between a spinning operation end time and a spinning operation start time, a hollow guide shaft member (80) to move from a spinning position that is the position of the hollow guide shaft member (80) during a spinning operation, to a separated position that is farther from the spinning chamber (73) than the spinning position, and causes a second nozzle (84) to inject air into a passage (81), in a state where the hollow guide shaft member (80) is positioned at the separated position and an outlet (83) of the passage (81) is open to the outside.

IPC 8 full level
D01H 1/115 (2006.01); **D01H 11/00** (2006.01)

CPC (source: CN EP)
D01H 1/115 (2013.01 - EP); **D01H 4/02** (2013.01 - CN); **D01H 11/00** (2013.01 - EP)

Cited by
EP2966200A3; EP3168340A4; EP3470559A1

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 2876192 A1 20150527; EP 2876192 B1 20161109; CN 104651984 A 20150527; CN 104651984 B 20180710; JP 2015101805 A 20150604

DOCDB simple family (application)
EP 14193635 A 20141118; CN 201410643150 A 20141107; JP 2013242880 A 20131125