

Title (en)
SPINNING UNIT OF A SPINNING MACHINE

Title (de)
SPINNSTELLE EINER SPINNMASCHINE

Title (fr)
POSTE DE FILAGE D'UN MÉTIER À FILER

Publication
EP 2767625 B1 20170111 (DE)

Application
EP 14154817 A 20140212

Priority
• CH 4452013 A 20130213
• CH 18862013 A 20131112

Abstract (en)
[origin: EP2767625A1] The spinning station (1) has a spinning nozzle (5) with a housing (6), a yarn formation element (7) and a nozzle inner space (20). The spinning nozzle is provided for supplying fiber composite (2) to a pair of delivery roller (4). The vortex flow is generated through pressurized air injection (13) by the yarn formation element, such that a yarn (3) is formed from the fiber composite. A metering pump (18) is provided for conveying an additive supply with a dosage containing dosage of additive into a compressed air supply line (11) for a compressed air feed circuit (12). An independent claim is included for a method for supplying additive into compressed air feed circuit of spinning nozzle at spinning location of air jet spinning machine.

IPC 8 full level
D01H 7/92 (2006.01); **D01H 1/115** (2006.01); **D01H 13/30** (2006.01)

CPC (source: EP)
D01H 1/115 (2013.01); **D01H 7/92** (2013.01); **D01H 13/30** (2013.01)

Citation (examination)
• JP 2008095208 A 20080424 - MURATA MACHINERY LTD
• FR 1382957 A 19641224 - PAVENA AG

Cited by
CN109319595A; DE102015120437A1; EP2927355A3; EP3103902A1; EP4015680A1; US10370779B2; US9890476B2; US11905625B2

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 2767625 A1 20140820; EP 2767625 B1 20170111; CN 103981606 A 20140813; CN 103981606 B 20180710; JP 2014152438 A 20140825

DOCDB simple family (application)
EP 14154817 A 20140212; CN 201410049550 A 20140213; JP 2014025674 A 20140213