

Title (en)
Spinning unit of an air-jet spinning machine

Title (de)
Spinnstelle einer Luftdüsenspinmaschine

Title (fr)
Poste de filage d'un métier à tisser à jet d'air

Publication
EP 2767624 B1 20161214 (DE)

Application
EP 14154770 A 20140212

Priority
• CH 4442013 A 20130213
• CH 18852013 A 20131112

Abstract (en)
[origin: EP2767624A1] The unit (1) has a fiber guide element (8) including a beginning (9) turned towards a pair of delivery rollers (4) and an end (10) turned away from the pair of delivery rollers, where fiber composite (2) is fed to a spinning nozzle (5) with the pair of delivery rollers and is introduced into the spinning nozzle through the fiber guide element. A yarn (3) is formed from the fiber composite through a yarn formation element (7). A feeding tool (12) feeds additive (11) to the fiber composite, and is provided between the pair of delivery rollers and the end of the fiber guide element. The additive is a chemical additive such as liquid additive.

IPC 8 full level
D01H 1/115 (2006.01)

CPC (source: EP US)
D01H 1/115 (2013.01 - EP US); **D01H 4/02** (2013.01 - US); **D01H 7/92** (2013.01 - EP US)

Cited by
US10900144B2; WO2017203376A1

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 2767624 A1 20140820; EP 2767624 B1 20161214; CN 103981599 A 20140813; CN 103981599 B 20180116; JP 2014152439 A 20140825; JP 6282132 B2 20180221; US 2014223881 A1 20140814; US 9290863 B2 20160322

DOCDB simple family (application)
EP 14154770 A 20140212; CN 201410049894 A 20140213; JP 2014025676 A 20140213; US 201414176413 A 20140210