

Title (en)
SPINNING MACHINE AND SPINNING METHOD

Title (de)
SPINNMASCHINE UND SPINNVERFAHREN

Title (fr)
MÉTIER À FILER ET PROCÉDÉ DE FILAGE

Publication
EP 2949793 A3 20160511 (EN)

Application
EP 15165786 A 20150429

Priority
JP 2014108287 A 20140526

Abstract (en)
[origin: EP2949793A2] A spinning unit 2 includes a draft device 6 adapted to draft a fiber bundle F and a pneumatic spinning device 7 arranged movable to a spinning position and a retracted position and adapted to produce a yarn Y by applying twists to the drafted fiber bundle F by injecting whirling flow of air to a spinning chamber while being located at the spinning position. In the spinning unit 2, at least one of a first timing, which is a timing at which injection of the air is stopped when a drafting operation of the draft device 6 is stopped, and a second timing, which is a timing at which the pneumatic spinning device 7 starts being moved from the spinning position to the retracted position when the drafting operation of the draft device 6 is stopped, is adjusted.

IPC 8 full level
D01H 1/115 (2006.01)

CPC (source: EP)
D01H 1/115 (2013.01)

Citation (search report)
• [XYI] US 5419110 A 19950530 - MIKAMI KAZUHIKO [JP], et al
• [Y] EP 1207224 A2 20020522 - MURATA MACHINERY LTD [JP]

Cited by
CN109626132A; EP3330416A1; EP3505661A1; CN110029412A; EP3835467A1; WO2021116083A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2949793 A2 20151202; EP 2949793 A3 20160511; EP 2949793 B1 20190911; CN 105274666 A 20160127; CN 105274666 B 20190927; JP 2015224397 A 20151214

DOCDB simple family (application)
EP 15165786 A 20150429; CN 201510166473 A 20150409; JP 2014108287 A 20140526