

Title (en)
SPINNING METHOD, SPINNING MACHINE, AND SPINNING PROGRAM

Title (de)
SPINNVERFAHREN, SPINNMASCHINE UND SPINNPROGRAMM

Title (fr)
PROCÉDÉ DE FILAGE, MACHINE DE FILAGE ET PROGRAMME DE FILAGE

Publication
EP 3686330 A1 20200729 (EN)

Application
EP 19214403 A 20191209

Priority
JP 2019008404 A 20190122

Abstract (en)
A spinning method is executed by a spinning machine (1) in which a yarn (Y) is produced by drafting a fiber bundle (S) by a draft device (6) and spinning the drafted fiber bundle (S) by a pneumatic spinning device (7). The spinning method includes: a first acquiring step of acquiring fiber bundle information indicating a status of the pre-drafted fiber bundle (S); a second acquiring step of acquiring yarn information indicating a status of the produced yarn (Y); and a changing step of changing a total draft ratio of a drafting operation performed in the draft device (6) in accordance with the fiber bundle information acquired in the first acquiring step and the yarn information acquired in the second acquiring step.

IPC 8 full level
D01H 5/38 (2006.01); **D01H 13/22** (2006.01)

CPC (source: CN EP)
D01H 5/22 (2013.01 - CN); **D01H 5/32** (2013.01 - CN); **D01H 5/38** (2013.01 - EP); **D01H 13/22** (2013.01 - EP)

Citation (applicant)
JP 2014009422 A 20140120 - MURATA MACHINERY LTD

Citation (search report)
• [XDA] EP 2687627 A1 20140122 - MURATA MACHINERY LTD [JP]
• [A] EP 2966203 A2 20160113 - MURATA MACHINERY LTD [JP]

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 3686330 A1 20200729; **EP 3686330 B1 20211117**; CN 111455506 A 20200728; CN 111455506 B 20230407; JP 2020117825 A 20200806

DOCDB simple family (application)
EP 19214403 A 20191209; CN 202010021583 A 20200109; JP 2019008404 A 20190122