

Title (en)

SPINNING STATION OF A SPINNING MACHINE, SPINNING MACHINE AND METHOD FOR OPERATING A SPINNING STATION

Title (de)

SPINNSTELLE EINER SPINNMASCHINE, SPINNMASCHINE SOWIE VERFAHREN ZUM BETREIBEN EINER SPINNSTELLE

Title (fr)

POSTE DE FILAGE D'UN MÉTIER A FILER, MÉTIER À FILER ET SON PROCÉDE DE FONCTIONNEMENT

Publication

EP 3112507 B1 20190807 (DE)

Application

EP 16175295 A 20160620

Priority

DE 102015110486 A 20150630

Abstract (en)

[origin: CN106319698A] The invention relates to a method for operating a spinning unit of a spinning machine. After spinning the fibrous material (2) onto the spinning unit (1) on the spinning zone, monitoring on at least one yarn parameter is performed when a yarn (4) passesthrough the yarn monitoring unit (3), and then the yarn is wound onto the spool (6) by means of a coiling device (5) and with reference to a predetermined take-up parameter; upon monitoring that a particular yarn parameter is significantly different from at least one of the ratings, the spool and / or spinning zone in the coiling device (5) interrupts the normal operation of the spinning zone during downtime and makes at least temporary changes to one or more take-up parameters after the start of the interrupt sequence, thus simplifying subsequent winding process of the yarn segments wound on the spool (6) before the winding device (5) is stopped in the frame.

IPC 8 full level

D01H 1/20 (2006.01); **D01H 4/42** (2006.01); **D01H 13/22** (2006.01)

CPC (source: CN EP)

D01H 1/20 (2013.01 - EP); **D01H 4/40** (2013.01 - CN); **D01H 4/42** (2013.01 - CN EP); **D01H 4/44** (2013.01 - CN); **D01H 13/22** (2013.01 - EP)

Cited by

CN114144547A

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 3112507 A1 20170104; **EP 3112507 B1 20190807**; CN 106319698 A 20170111; CN 106319698 B 20210817; DE 102015110486 A1 20170105; JP 2017061764 A 20170330; JP 6859030 B2 20210414

DOCDB simple family (application)

EP 16175295 A 20160620; CN 201610506060 A 20160630; DE 102015110486 A 20150630; JP 2016125779 A 20160624