

Title (en)

Spinning machine and method for interrupting the production of thread on a spinning machine

Title (de)

Spinnmaschine und Verfahren zur Unterbrechung der Garnherstellung an einer Spinnmaschine

Title (fr)

Métier à tisser et procédé d'interruption de la fabrication de fil sur un métier à tisser

Publication

EP 2573237 A3 20150325 (DE)

Application

EP 12184768 A 20120918

Priority

DE 102011053811 A 20110921

Abstract (en)

[origin: EP2573237A2] The method involves providing delivery device (6) for feeding fiber material (3) into spinning unit (1). A take-off device (7) is provided for drawing-off the yarn (5). A yarn monitoring unit (9) is provided for monitoring parameter of yarn wound by winding device (8). The yarn production is interrupted prior to switching off of spinning machine, when the yarn parameter is deviated from target value. The yarn production is interrupted by reducing speed of delivery device, take-off device and winding device such that yarn is located between outlet (4) and winding device. An independent claim is included for spinning machine.

IPC 8 full level

B65H 63/036 (2006.01); **D01H 4/42** (2006.01); **D01H 13/14** (2006.01); **D01H 13/18** (2006.01)

CPC (source: EP US)

D01H 1/115 (2013.01 - EP); **D01H 1/24** (2013.01 - EP); **D01H 4/42** (2013.01 - US); **D01H 4/50** (2013.01 - EP); **D01H 13/14** (2013.01 - EP US); **D01H 13/187** (2013.01 - EP US)

Citation (search report)

- [A] DE 325208 C 19200913 - WLADYSŁAW KOZŁOWSKI
- [A] DE 3817493 A1 19891130 - STAHLLECKER FRITZ [DE], et al
- [A] DE 102007043417 A1 20090319 - RIETER INGOLSTADT GMBH [DE]

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EP3112507A1; EP3168344A1; EP2966021A1; EP4050138A1

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 2573237 A2 20130327; **EP 2573237 A3 20150325**; **EP 2573237 B1 20160706**; BR 102012023911 A2 20141202; BR 102012023911 B1 20200317; CN 103014960 A 20130403; CN 103014960 B 20170503; DE 102011053811 A1 20130321; JP 2013067935 A 20130418; JP 6080153 B2 20170215; US 2013067878 A1 20130321; US 8931249 B2 20150113

DOCDB simple family (application)

EP 12184768 A 20120918; BR 102012023911 A 20120921; CN 201210376632 A 20120921; DE 102011053811 A 20110921; JP 2012208195 A 20120921; US 201213616841 A 20120914