

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 2573238 A3 20150325 (DE)

Application

EP 12184769 A 20120918

Priority

DE 102011053812 A 20110921

Abstract (en)

[origin: EP2573238A2] The method involves gradually reducing feed speeds of a delivery device (6), a take-off device (7) and a winding device (8) to a standstill in order to interrupt a yarn production upon detecting a defined deviation of a monitored yarn parameter from a target value, upon changing bobbins at the winding device and/or prior to switching-off the spinning machine. An end of a produced yarn (5) is located within a spinning point (1) after the speed reduction is completed. The delivery device is formed by a delivery roller pair (11). The take-off device is formed by a take-off roller pair (12). An independent claim is also included for a spinning machine for manufacturing a yarn.

IPC 8 full level

D01H 1/115 (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP US)

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

Citation (search report)

- [A] DE 3205535 A1 19830908 - SCHUBERT & SALZER MASCHINEN [DE]
- [A] DE 102007009074 A1 20080828 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [A] CH 451765 A 19680515 - SCHUBERT & SALZER MASCHINEN [DE]
- [A] CH 436057 A 19670515 - VYZK USTAV BAVLNARSKY [CZ]

Cited by

EP2955255A3; US9670601B2

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 2573238 A2 20130327; EP 2573238 A3 20150325; EP 2573238 B1 20160706; BR 102012023913 A2 20141202; CN 103014946 A 20130403; CN 103014946 B 20170623; DE 102011053812 A1 20130321; JP 2013067936 A 20130418; JP 6094790 B2 20170315; US 2013067880 A1 20130321; US 8919091 B2 20141230

DOCDB simple family (application)

EP 12184769 A 20120918; BR 102012023913 A 20120921; CN 201210376635 A 20120921; DE 102011053812 A 20110921; JP 2012208201 A 20120921; US 201213616791 A 20120914