

Title (en)

YARN WINDING MACHINE AND YARN WINDING METHOD

Title (de)

GARNWICKELMASCHINE UND GARNWICKELVERFAHREN

Title (fr)

MACHINE DE RENVIDEUR DE FIL ET PROCÉDÉ DE RENVIDAGE DE FIL

Publication

EP 2966021 A1 20160113 (EN)

Application

EP 15170253 A 20150602

Priority

JP 2014142085 A 20140710

Abstract (en)

A spinning machine includes an air-jet spinning device (9), a yarn pooling device (22) and a winding section (26). The air-jet spinning device (9) supplies a spun yarn (10). The yarn pooling device (22) pools the spun yarn (10) supplied by the air-jet spinning device (9). The winding section (26) winds the spun yarn (10) from the yarn pooling device (22) to form a package (50). The winding section (26) includes a winding drum driving motor (54) that rotates the package (50). The winding section causes the winding drum driving motor to stop the rotation of the package (50) before the yarn is disconnected or after the yarn is disconnected but before a yarn end is wound onto the package (50).

IPC 8 full level

B65H 51/22 (2006.01); **B65H 63/06** (2006.01); **B65H 67/08** (2006.01); **B65H 69/06** (2006.01); **D01H 13/22** (2006.01)

CPC (source: EP)

B65H 51/22 (2013.01); **B65H 63/062** (2013.01); **B65H 67/081** (2013.01); **B65H 69/061** (2013.01); **D01H 13/22** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

JP 2010180007 A 20100819 - MURATA MACHINERY LTD

Citation (search report)

- [XA] DE 102012102695 A1 20131002 - RIETER AG MASCHF [CH]
- [X] EP 2107025 A2 20091007 - MURATA MACHINERY LTD [JP]
- [X] EP 2664572 A2 20131120 - MURATA MACHINERY LTD [JP]
- [XP] EP 2784193 A1 20141001 - RIETER AG MASCHF [CH]
- [X] EP 2573237 A2 20130327 - RIETER INGOLSTADT GMBH [DE]

Cited by

EP3502024A1

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 2966021 A1 20160113; CN 105253713 A 20160120; CN 105253713 B 20191022; EP 3072840 A1 20160928; EP 3072840 B1 20180321; JP 2016016957 A 20160201

DOCDB simple family (application)

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