

Title (en)
SPINNING MACHINE

Title (de)
SPINNMASCHINE

Title (fr)
MÉTIER À FILER

Publication
EP 3269852 A1 20180117 (EN)

Application
EP 17185676 A 20120611

Priority
• JP 2011188860 A 20110831
• EP 12171517 A 20120611

Abstract (en)
A spinning machine includes a spinning device (9) adapted to produce a spun yarn (10), a draft device (7) adapted to draft a fiber bundle (8) by draft rollers (16, 17, 19, 20) and to supply the drafted fiber bundle (8) to the spinning device (9), a winding device (13) adapted to wind the spun yarn (10) produced by the spinning device (9) into a package (45), a first detecting section (52) adapted to detect a tension of the spun yarn (10) travelling between the spinning device (9) and the winding device (13), and a second detecting section (57) adapted to detect a thickness abnormality of the spun yarn (10) that is spun with the spinning device (9). The first detecting section (52) and the second detecting section (57) are arranged between the spinning device (9) and a yarn accumulating device (12) or between the spinning device (9) and a yarn feeding device arranged to draw out the spun yarn from the spinning device (9).

IPC 8 full level
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CPC (source: CN EP)
B65H 59/40 (2013.01 - EP); **D01H 13/00** (2013.01 - CN); **D01H 13/04** (2013.01 - CN); **D01H 13/1625** (2013.01 - EP); **D01H 13/22** (2013.01 - EP); **D01H 13/26** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (applicant)
• JP 2006132035 A 20060525 - MURATA MACHINERY LTD
• JP 2004036010 A 20040205 - MURATA MACHINERY LTD
• JP 2007254919 A 20071004 - MURATA MACHINERY LTD

Citation (search report)
• [XAY] EP 1460015 A1 20040922 - MURATA MACHINERY LTD [JP]
• [E] EP 2573019 A2 20130327 - MURATA MACHINERY LTD [JP]
• [Y] EP 0821089 A2 19980128 - MURATA MACHINERY LTD [JP]
• [YD] JP 2004036010 A 20040205 - MURATA MACHINERY LTD
• [YD] JP 2007254919 A 20071004 - MURATA MACHINERY LTD

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 12171517 A 20120611; CN 201210128904 A 20120427; CN 201220187038 U 20120427; CN 201610152889 A 20120427; EP 17185676 A 20120611; IN 1347DE2012 A 20120502; JP 2011188860 A 20110831