

Title (en)
SPINNING MACHINE

Title (de)
SPINNMASCHINE

Title (fr)
MÉTIER A FILER

Publication
EP 3269851 A1 20180117 (EN)

Application
EP 17184907 A 20160929

Priority

- JP 2015201046 A 20151009
- EP 16191386 A 20160929

Abstract (en)

The invention relates to a spinning machine (1) comprising: a core yarn supply device (7) that includes a supporting unit (50) configured to support a core yarn package with core yarn (C) wound thereon and a tension adding unit (71) configured to add tension to the core yarn (C) unwound from the core yarn package; a winding device (13) configured to wind yarn (4) formed from a fiber bundle including the core yarn (C); a tension detecting unit (10) configured to detect tension of the yarn (4) in an upstream side from the winding device (13) in a direction in which the yarn (4) travels; and a control unit (15) configured to control the tension adding unit (71) based on a result of detection by the tension detecting unit (10) such that the yarn (4) is wound onto the winding device (13) with adjustment of tension added to the core yarn (C) in the core yarn supply device (7).

IPC 8 full level

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D02G 3/367 (2013.01 - EP); **D01H 1/115** (2013.01 - EP)

Citation (applicant)

JP 2013049932 A 20130314 - MURATA MACHINERY LTD

Citation (search report)

- [A] JP 2007254919 A 20071004 - MURATA MACHINERY LTD
- [A] EP 2565307 A2 20130306 - MURATA MACHINERY LTD [JP]
- [A] US 4819421 A 19890411 - STALDER HERBERT [CH], et al
- [A] EP 0368608 A1 19900516 - YAMAGUCHI HIROSHI [JP], et al
- [A] US 4020621 A 19770503 - TSUBATA KAZUO
- [A] WO 2006097008 A1 20060921 - RIETER AG MASCHF [CH], et al

Designated contracting state (EPC)

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