

Title (en)
SPINNING MACHINE AND SPINNING METHOD

Title (de)
SPINNMASCHINE UND SPINNVERFAHREN

Title (fr)
MÉTIER À FILER ET PROCÉDÉ DE FILAGE

Publication
EP 2977493 A3 20160601 (EN)

Application
EP 15172508 A 20150617

Priority
JP 2014150306 A 20140724

Abstract (en)
[origin: EP2977493A2] A spinning machine includes a drafting device (7), an air-jet spinning device (9), and a yarn pooling roller (41). The drafting device (7) includes plural draft rollers, including a front roller (20), and drafts a fiber bundle (8). The air-jet spinning device (9) performs spinning to form a yarn (10) by twisting the fiber bundle (8) drafted by the drafting device (7). The yarn pooling roller (41) pools the yarn (10) formed by the air-jet spinning device (9) by winding the yarn (10) around a surface thereof. A peripheral speed of the front roller (20) during yarn discharge spinning and during regular spinning performed after yarn discharge spinning is different. A peripheral speed of the yarn pooling roller (41) during the yarn discharge spinning and during the regular spinning is different.

IPC 8 full level
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CPC (source: EP)
D01H 1/115 (2013.01); **D01H 1/30** (2013.01); **D01H 13/104** (2013.01); **D01H 2700/21** (2013.01)

Citation (search report)

- [AD] EP 1347085 A2 20030924 - MURATA MACHINERY LTD [JP]
- [AD] JP 2004277943 A 20041007 - MURATA MACHINERY LTD
- [A] EP 0906974 A1 19990407 - MURATA MACHINERY LTD [JP]

Cited by
CN113550033A; CN109632486A

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

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