

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

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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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