

Title (en)
Spinning machine

Title (de)
Spinnmaschine

Title (fr)
Fileuse

Publication
EP 2573025 A3 20160706 (EN)

Application
EP 12179435 A 20120806

Priority
JP 2011206626 A 20110921

Abstract (en)
[origin: EP2573025A2] A spinning machine (1) includes a yarn supplying device, a yarn slack eliminating device (11), a winding device (12), a yarn joining device (20), a first guiding device (18) that catches the yarn end (10a) and guides the yarn end (10a) to the yarn joining device (20), a second guiding device (19) that catches the yarn end (10b) and guides the yarn end (10b) to the yarn joining device (20), and a waste collecting section (30) that accommodates fibers generated by the yarn joining operation. The waste collecting section (30) accommodates the fibers during a suction operation of the yarn end and discharges the fibers while the suction operation is stopped.

IPC 8 full level
B65H 54/70 (2006.01); **B65H 69/06** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP)
B65H 54/702 (2013.01); **B65H 69/06** (2013.01); **D01H 11/005** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [XY] JP H11181633 A 19990706 - MURATA MACHINERY LTD
- [X] JP H0551828 A 19930302 - MURATA MACHINERY LTD
- [X] JP 2001288628 A 20011019 - MURATA MACHINERY LTD
- [X] US 5163201 A 19921117 - RAASCH HANS [DE], et al
- [X] DE 4244199 A1 19940630 - SCHLAFHORST & CO W [DE]
- [Y] EP 0787674 A2 19970806 - MURATA MACHINERY LTD [JP]

Cited by
EP2924154A1; CH707889A1; EP3009540A3; US2022297973A1; US11912528B2

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

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EP 2573025 A2 20130327; EP 2573025 A3 20160706; CN 103014962 A 20130403; CN 103014962 B 20160907; JP 2013067900 A 20130418

DOCDB simple family (application)
EP 12179435 A 20120806; CN 201210291250 A 20120815; JP 2011206626 A 20110921