

Title (en)
Spinning machine

Title (de)
Spinnmaschine

Title (fr)
Fileuse

Publication
EP 2573231 A3 20170329 (EN)

Application
EP 12183045 A 20120905

Priority
JP 2011206628 A 20110921

Abstract (en)
[origin: EP2573231A2] A spinning machine (100) includes a plurality of spinning units (10), and each spinning unit (10) winds a spun yarn (Y) to form a package (P). The spinning machine (100) includes a driving roller (61) that makes contact with the package (P) to rotate the package (P) in a winding direction, a cradle (62) that moves the package (P) with respect to the driving roller (61), a reverse-rotation roller (22) that makes contact with the package (P) to rotate the package (P) in an unwinding direction, a driving section (23) that moves the reverse-rotation roller (22) with respect to the package (P), and a control section (40) that controls the driving section (23) to move the reverse-rotation roller (22) away from the package (P) immediately before the package (P) makes contact with the driving roller (61).

IPC 8 full level
D01H 5/88 (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP)
B65H 67/085 (2013.01); **D01H 5/88** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [XAY] JP 2010189083 A 20100902 - MURATA MACHINERY LTD
- [Y] EP 1457448 A2 20040915 - MURATA MACHINERY LTD [JP]
- [A] DE 3827345 A1 19900301 - STAHLER FRITZ [DE], et al
- [A] EP 1659082 A2 20060524 - MURATA MACHINERY LTD [JP]
- [A] JP 2001199635 A 20010724 - MURATA MACHINERY LTD
- [A] JP 2002294523 A 20021009 - MURATA MACHINERY LTD

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 2573231 A2 20130327; EP 2573231 A3 20170329; EP 2573231 B1 20190626; CN 103014936 A 20130403; CN 103014936 B 20160629; JP 2013067484 A 20130418

DOCDB simple family (application)
EP 12183045 A 20120905; CN 201210296070 A 20120820; JP 2011206628 A 20110921