

Title (en)
Spinning unit and spinning device

Title (de)
Spinnereinheit und Spinnvorrichtung

Title (fr)
Unité de filage et dispositif de filage

Publication
EP 2573224 A3 20150617 (EN)

Application
EP 12173362 A 20120625

Priority
JP 2011205331 A 20110920

Abstract (en)
[origin: EP2573224A2] A spinning unit includes a yarn supplying device that supplies a spun yarn (Y), a winding device that winds the spun yarn (Y) into a package, a yarn accumulating device (50) that accumulates the spun yarn (Y) between the yarn supplying device and the winding device, and a yarn movement control member (75) arranged between the yarn supplying device and the yarn accumulating device (50), and adapted to guide the spun yarn (Y) to the yarn accumulating device (50) while applying tension to the spun yarn (Y), and to restrict movement of the spun yarn (Y) upon disconnection of the spun yarn (Y) at the yarn supplying device such that a yarn end of the spun yarn (Y) is prevented from being displaced from a yarn path of the spun yarn (Y) guided to the yarn accumulating device (50).

IPC 8 full level
B65H 51/22 (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **B65H 57/00** (2013.01); **D01H 13/04** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [XA] EP 1407995 A2 20040414 - MURATA MACHINERY LTD [JP]
- [XA] EP 1457448 A2 20040915 - MURATA MACHINERY LTD [JP]
- [Y] EP 2298971 A1 20110323 - MURATA MACHINERY LTD [JP] & JP 2011037572 A 20110224 - MURATA MACHINERY LTD
- [Y] JP 2001159039 A 20010612 - MURATA MACHINERY LTD

Cited by
EP2573018A3

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

DOCDB simple family (publication)
EP 2573224 A2 20130327; **EP 2573224 A3 20150617**; **EP 2573224 B1 20180905**; CN 103014939 A 20130403; CN 103014939 B 20171013; JP 2013067874 A 20130418

DOCDB simple family (application)
EP 12173362 A 20120625; CN 201210244711 A 20120712; JP 2011205331 A 20110920