

Title (en)
Yarn winding machine

Title (de)
Garnwicklungsmaschine

Title (fr)
Renvideur de fil

Publication
EP 2808283 B1 20160518 (EN)

Application
EP 14162268 A 20140328

Priority
JP 2013115859 A 20130531

Abstract (en)
[origin: EP2808283A1] A yarn supplying section (5) supplies a spun yarn (10). A winding section (26) winds the spun yarn (10) supplied by the yarn supplying section (5) into a package (50) while traversing the spun yarn (10). A yarn pooling device (22) is arranged between the yarn supplying section (5) and the winding section (26) and pools the spun yarn (10). A pooled-amount monitoring section (33) acquires a pooled amount of the spun yarn (10) in the yarn pooling device (22) as an analog amount. A unit controller (12) performs a pooled amount control to adjust an exit speed, which is a running speed of the spun yarn (10) leaving the yarn pooling device (22), such that the pooled amount converges to a target value.

IPC 8 full level
B65H 51/22 (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **B65H 2701/31** (2013.01)

Cited by
CN109811432A; EP3438333A1

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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EP 2808283 A1 20141203; EP 2808283 B1 20160518; CN 104210894 A 20141217; IN 1255CH2014 A 20150529; JP 2014234256 A 20141215

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EP 14162268 A 20140328; CN 201410203058 A 20140514; IN 1255CH2014 A 20140311; JP 2013115859 A 20130531