

Title (en)
Yarn winding machine and yarn winding method

Title (de)
Garnwickelmaschine und Garnwickelverfahren

Title (fr)
Bobinoir de fil et procédé de bobinage de fil

Publication
EP 2620403 A2 20130731 (EN)

Application
EP 12195544 A 20121204

Priority
JP 2012016706 A 20120130

Abstract (en)
An automatic winder includes a package driving motor (24), a yarn guide (27), and a unit controller (18). The package driving motor (24) drives and rotates a package (15) into which a yarn (12) is wound and that has been in a stopped state. The yarn guide (27) traverses the yarn (12) by being driven to perform reciprocating movements while guiding the yarn (12) that is to be wound into the package (15). The unit controller (18) controls the package driving motor (24) and the yarn guide (27) such that the yarn guide (27) does not perform the reciprocating movements while the rotation of the package (15) is stopped and the yarn guide (27) starts the reciprocating movements after the rotation of the package (15) in a winding direction is started.

IPC 8 full level
B65H 57/00 (2006.01); **B65H 54/28** (2006.01)

CPC (source: EP)
B65H 54/2884 (2013.01); **B65H 57/003** (2013.01); **B65H 57/006** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP 2009508782 A 20090305
• JP 2007210776 A 20070823 - MURATA MACHINERY LTD
• JP 2010042904 A 20100225 - MURATA MACHINERY LTD

Cited by
EP2937303A1

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 2620403 A2 20130731; CN 103224167 A 20130731; JP 2013154991 A 20130815

DOCDB simple family (application)
EP 12195544 A 20121204; CN 201210551824 A 20121218; JP 2012016706 A 20120130