Title (en)

Yarn winding unit and yarn winding machine

Title (de)

Garnwickeleinheit und Garnwickelmaschine

Title (fr)

Unité de renvidage de fil et machine de renvideur de fil

Publication

EP 2700601 A2 20140226 (EN)

Application

EP 13175465 A 20130708

Priority

JP 2012184019 A 20120823

Abstract (en)

A yarn winding unit (10) includes a winding section (18) that winds a yarn (20) around a winding tube (22) to form a package (30), and a control section (50) that controls the winding section (18). The winding section (18) includes a winding tube supporting section (23) that supports the winding tube (22), a contact roller (29) that rotates in contact with the winding tube (22) or the package (30), and a traversing device (70) that is arranged independently of the contact roller (29) and that traverses the yarn (20) that is to be wound around the winding tube (22). The control section (50) controls the winding section (18) such that the traversing speed of the traversing device (70) is maintained equal to or below a predetermined speed when the winding of the yarn (20) is started.

IPC 8 full level

B65H 54/28 (2006.01); **B65H 54/34** (2006.01); **B65H 57/00** (2006.01)

CPC (source: EP)

B65H 54/2884 (2013.01); **B65H 54/343** (2013.01); **B65H 57/003** (2013.01); B65H 2701/31 (2013.01)

Citation (applicant)

JP 2009227412 A 20091008 - MURATA MACHINERY LTD

Cited by

CN109911694A

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 2700601 A2 20140226; **EP 2700601 A3 20140827**; CN 103625981 A 20140312; JP 2014040316 A 20140306

DOCDB simple family (application)

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