

Title (en)
Yarn winding machine

Title (de)
Garnwicklungsmaschine

Title (fr)
Machine de renvideur de fil

Publication
EP 2738128 A3 20171115 (EN)

Application
EP 13189683 A 20131022

Priority
JP 2012262800 A 20121130

Abstract (en)
[origin: EP2738128A2] A winder unit 10 includes a winding unit main body 16 adapted to form a package 30 by winding a yarn 20, an upper-yarn catching member 26 adapted to suck and catch the yarn 20 from the package 30 and to guide the yarn 20, and a unit control section 50 adapted to control the upper-yarn catching member 26 to perform a catching operation at a catching region R1 to suck and catch the yarn 20 from the package 30, a standby operation to be under standby at a standby region R2 that is further away from the package 30 than the catching region R1, and a guiding operation to guide the yarn 20 to a yarn joining region R3, and adapted to adjust the standby operation according to a diameter of the package 30 and/or a length of a defect included in the yarn 20.

IPC 8 full level
B65H 67/08 (2006.01)

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

Citation (search report)

- [XA] JP 2007284812 A 20071101 - MURATA MACHINERY LTD
- [X] US 5484116 A 19960116 - HORAK DIETER [DE], et al
- [X] EP 2500452 A1 20120919 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [L] EP 2671830 A2 20131211 - MURATA MACHINERY LTD [JP]

Cited by
EP2960196A1; CN112299145A; EP3670410A4; EP2960196B1

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 2738128 A2 20140604; EP 2738128 A3 20171115; EP 2738128 B1 20200115; CN 103848286 A 20140611; CN 103848286 B 20190122; JP 2014108845 A 20140612

DOCDB simple family (application)
EP 13189683 A 20131022; CN 201310576797 A 20131118; JP 2012262800 A 20121130