

Title (en)
YARN WINDING DEVICE

Title (de)
GARNWICKLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE BOBINAGE DE FIL

Publication
EP 3159294 A1 20170426 (EN)

Application
EP 16195332 A 20161024

Priority
JP 2015208155 A 20151022

Abstract (en)
In a yarn winding device (2), a yarn catching section (14; 90) includes a main body (72; 94) and a suction section (74; 96) that is constituted by a cylindrical member on which a suction port (74a; 96a) that sucks the yarn is formed. The suction section (74; 96) is arranged so as to be capable of performing a reciprocating linear movement in an axial direction of the cylindrical member in the main body (72). A suction force is generated when the suction section (74; 96) is in a first position that is near a yarn path of the yarn moving from the yarn supplying section (6) to a winding section (8), and the suction force is not generated when the suction section (74; 96) is in a second position that is retracted from the yarn path. Most Illustrative Drawing: FIG. 3

IPC 8 full level
B65H 67/08 (2006.01)

CPC (source: CN EP)
B65H 67/081 (2013.01 - CN EP); **B65H 2701/31** (2013.01 - CN EP)

Citation (applicant)
JP 2012020852 A 20120202 - MURATA MACHINERY LTD

Citation (search report)
[XA] EP 2594517 A1 20130522 - MURATA MACHINERY LTD [JP]

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 3159294 A1 20170426; **EP 3159294 B1 20200318**; CN 106927311 A 20170707; CN 106927311 B 20191213; JP 2017081654 A 20170518

DOCDB simple family (application)
EP 16195332 A 20161024; CN 201610881075 A 20161009; JP 2015208155 A 20151022