

Title (en)
YARN WINDING DEVICE

Title (de)
GARNWICKLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE BOBINAGE DE FIL

Publication
EP 3159293 A1 20170426 (EN)

Application
EP 16190985 A 20160928

Priority
JP 2015206965 A 20151021

Abstract (en)
A yarn winding device (2) includes a winding section (8) that forms a package (30) by winding a yarn accumulated in a yarn accumulating section (18). The yarn accumulating section (18) includes a yarn accumulating roller (32) on an outer peripheral surface (32a) of which the yarn is wound and accumulated, and a ring member (46) that applies resistance to the yarn when the yarn wound on the yarn accumulating roller (32) is pulled by the winding section (8) to wind into the package (30). A concave portion (38) is formed in the outer peripheral surface (32a) in an area straddling a mounting position of the ring member (46) in a direction parallel to a rotation axis (R) of the yarn accumulating roller (32). The yarn is passed through the concave portion (38) below the ring member (46).

IPC 8 full level
B65H 51/22 (2006.01)

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

Citation (applicant)
JP 2015000777 A 20150105 - MURATA MACHINERY LTD

Citation (search report)

- [AD] JP 2015000777 A 20150105 - MURATA MACHINERY LTD
- [A] EP 2889249 A1 20150701 - RIETER CZ SRO [CZ]

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 3159293 A1 20170426; **EP 3159293 B1 20180207**; CN 107055197 A 20170818; CN 107055197 B 20191022; JP 2017077949 A 20170427

DOCDB simple family (application)
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