

Title (en)

YARN WINDING DEVICE AND AUTOMATIC WINDER

Title (de)

GARNWICKELVORRICHTUNG UND AUTOMATISCHER WICKLER

Title (fr)

DISPOSITIF DE BOBINAGE DE FIL ET ENROULEUR AUTOMATIQUE

Publication

EP 2987755 A1 20160224 (EN)

Application

EP 15175718 A 20150707

Priority

JP 2014168174 A 20140821

Abstract (en)

A yarn storage section provided between a yarn supplying section and a package forming section includes a rotary storage drum (50) adapted to wind and store a yarn (Y). A traveler (73) adapted to move at a periphery of the rotary storage drum (50) by moving along an annular guide rail (72) extending to surround the outer peripheral surface of the rotary storage drum (50) in a peripheral direction is provided at an end on the package forming section side in an axial direction of the rotary storage drum (50). The traveler (73) includes an opening (73a) at an end on the yarn supplying section in the axial direction of the rotary storage drum (50). During yarn hooking operation on a winding unit, the yarn (Y) passed between the yarn supplying section and the package forming section is introduced to the traveler (73) from the opening (73a) to hook the yarn (Y) to the traveler (73), and the rotary storage drum (50) is rotated in this state to wind the yarn (Y) around the rotary storage drum (50), whereby the yarn (Y) is hooked to the rotary storage drum (50).

IPC 8 full level

B65H 51/22 (2006.01)

CPC (source: EP)

B65H 51/22 (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

WO 2011040546 A1 20110407 - MURATA MACHINERY LTD [JP], et al

Citation (search report)

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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

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