

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 2159180 A3 20101229 (EN)

Application
EP 09166667 A 20090729

Priority
JP 2008215580 A 20080825

Abstract (en)
[origin: EP2159180A2] A winding unit 10 in an automatic winder is configured to wind a predetermined length of yarn 20 into a package 30. The winding unit 10 includes a yarn pool section 71, a servo motor 55, and a yarn length control section 90. The yarn pool section 71 accumulates that the yarn before being wound into the package 30. The servo motor 55 is driven to supply the yarn to the yarn pool section 71. The yarn length control section 90 allows a supply count section 91 to count a forward rotation pulse signal from the servo motor 55 so that the predetermined length of yarn is wound into the package 30. Then, based on the count value in the forward rotation pulse signal, the length of the yarn wound into the package 30 is calculated (Fig. 1).

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Citation (search report)

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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 SE SI SK SM TR

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