

Title (en)
Yarn winding device

Title (de)
Garnwicklungsvorrichtung

Title (fr)
Dispositif de renvideur de fil

Publication
EP 2366651 A2 20110921 (EN)

Application
EP 11156714 A 20110303

Priority
JP 2010060896 A 20100317

Abstract (en)
An automatic winder includes a cradle (23) that rotatably supports a winding bobbin, a contact roller (29) that rotates while making contact with a package (30), a traverse arm (74), and a traverse driving motor (76) that rotationally drives the traverse arm (74). A yarn guide section (73) is arranged at a tip end of the traverse arm (74) in order to guide yarn, and the yarn guide section (73) traverses the yarn. The yarn guide section (73) includes a terminal section and an opened section. The terminal section regulates the yarn on the tip end of the yarn guide section (73). The opened section is formed facing towards a base end of the traverse arm (74) so as to guide the yarn to the terminal section. When viewed from an axial direction of the contact roller (29), a rotational axis line (L1) of the traverse arm (74) and a yarn path line (L3), which is formed by extending a yarn path near the yarn guide section (73) at a traverse end, intersect while forming an acute angle or are parallel to one another.

IPC 8 full level
B65H 67/08 (2006.01); **B65H 54/28** (2006.01); **B65H 57/00** (2006.01)

CPC (source: EP)
B65H 54/2827 (2013.01); **B65H 57/003** (2013.01); **B65H 57/006** (2013.01); **B65H 67/085** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP 2006298499 A 20061102 - MURATA MACHINERY LTD
• JP 2002518276 A 20020625

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

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BA ME

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