

Title (en)
YARN WINDING DEVICE

Title (de)
GARNWICKLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE BOBINAGE DE FIL

Publication
EP 2594517 A4 20140716 (EN)

Application
EP 11806439 A 20110624

Priority
• JP 2010160970 A 20100715
• JP 2011003623 W 20110624

Abstract (en)
[origin: EP2594517A1] Provided is a yarn winding machine that is able to improve the degree of freedom in a layout, to guide a yarn to a yarn joining device in a short time, and also to reduce the amount of a waste yarn which is generated in yarn joining. Means therefor is as follows. An automatic winder includes a bobbin support part (7), a winding part (8), a yarn joining device (14), a yarn guide part, a yarn trap (15), and a yarn trap driver (47). The yarn guide part guides a yarn of a package (30) side to the yarn joining device (14) under a state where a yarn is disconnected. The yarn trap (15) is arranged so as to face a yarn travel path between the winding part (8) and the yarn joining device (14), and configured to catch a yarn of a yarn supply bobbin (21) side under a state where a yarn is disconnected. The yarn trap driver (47) moves the yarn trap in such a direction that the yarn caught by the yarn trap is introduced to the yarn joining device (14) while keeping a condition in which the yarn is across the yarn joining device (14).

IPC 8 full level
B65H 67/08 (2006.01); **B65H 51/22** (2006.01); **B65H 69/00** (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **B65H 67/081** (2013.01); **B65H 69/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
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• [AD] JP 2001192175 A 20010717 - MURATA MACHINERY LTD
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• See references of WO 2012008102A1

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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

DOCDB simple family (publication)
EP 2594517 A1 20130522; EP 2594517 A4 20140716; EP 2594517 B1 20150805; CN 103003177 A 20130327; CN 103003177 B 20141203; JP 2012020853 A 20120202; JP 5471924 B2 20140416; WO 2012008102 A1 20120119

DOCDB simple family (application)
EP 11806439 A 20110624; CN 201180034773 A 20110624; JP 2010160970 A 20100715; JP 2011003623 W 20110624