

Title (en)
BOBBIN WINDER

Title (de)
SPULENWICKLER

Title (fr)
DÉVIDOIR

Publication
EP 2502865 A4 20131002 (EN)

Application
EP 10831295 A 20101102

Priority
• JP 2009262858 A 20091118
• JP 2010006461 W 20101102

Abstract (en)
[origin: EP2502865A1] Provided is a yarn winding machine configured to detect a core tube length of a yarn supply bobbin to thereby correctly obtain the amount of yarn wound on the yarn supply bobbin. In a yarn supply bobbin holder, a yarn supply bobbin having a yarn wound on a core tube thereof is set. A winding part winds, into a package, the yarn drawn out from the yarn supply bobbin. A core tube detection sensor detects a core tube length of the yarn supply bobbin set in the yarn supply bobbin holder. A stepping motor is configured to move the core tube detection sensor in a longitudinal direction of the core tube and to control the amount of movement thereof. A calculation part calculates the core tube length based on the amount of movement of the core tube detection sensor moved by the stepping motor.

IPC 8 full level
B65H 63/00 (2006.01); **B65H 49/06** (2006.01); **B65H 57/22** (2006.01); **B65H 59/00** (2006.01)

CPC (source: EP)
B65H 49/06 (2013.01); **B65H 57/22** (2013.01); **B65H 59/00** (2013.01); **B65H 63/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [XY] US 5142159 A 19920825 - VEIT NORBERT [DE], et al
• [Y] EP 2014596 A2 20090114 - MURATA MACHINERY LTD [JP]
• [A] JP H0578025 A 19930330 - MURATA MACHINERY LTD
• [A] DE 19650735 A1 19980610 - SCHLAFHORST & CO W [DE]
• See references of WO 2011061895A1

Cited by
CN108069290A

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 2502865 A1 20120926; **EP 2502865 A4 20131002**; **EP 2502865 B1 20160824**; CN 102612478 A 20120725; CN 102612478 B 20131016; JP 2011105460 A 20110602; WO 2011061895 A1 20110526

DOCDB simple family (application)
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