

Title (en)
Yarn winding machine

Title (de)
Garnwicklungsmaschine

Title (fr)
Machine de renvideur de fil

Publication
EP 2690048 A2 20140129 (EN)

Application
EP 13175876 A 20130710

Priority
JP 2012167376 A 20120727

Abstract (en)
An automatic winder (yarn winding machine) includes a transportation tray 39, a chase portion detecting sensor 74, a yarn quality measuring device, and a yarn quality inspecting section. A yarn supplying bobbin 15 is set in the transportation tray 39. The chase portion detecting sensor 74 detects an unwinding position of the yarn supplying bobbin 15 set in the transportation tray 39. The yarn quality measuring device measures quality of a yarn unwound from the yarn supplying bobbin 15. The yarn quality inspecting section manages the quality of the yarn in accordance with the unwinding position detected by the chase portion detecting sensor 74 and the quality of the yarn measured by the yarn quality measuring device.

IPC 8 full level
B65H 63/06 (2006.01); **B65H 57/22** (2006.01); **B65H 63/08** (2006.01)

CPC (source: EP)
B65H 57/22 (2013.01); **B65H 63/062** (2013.01); **B65H 63/086** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP 2011020837 A 20110203 - MURATA MACHINERY LTD
• JP 2009149404 A 20090709 - MURATA MACHINERY LTD

Cited by
DE102016115256A1

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

DOCDB simple family (publication)
EP 2690048 A2 20140129; **EP 2690048 A3 20151118**; **EP 2690048 B1 20180502**; CN 103569789 A 20140212; CN 103569789 B 20170630; JP 2014024655 A 20140206

DOCDB simple family (application)
EP 13175876 A 20130710; CN 201310251664 A 20130624; JP 2012167376 A 20120727