

Title (en)
YARN WINDING DEVICE AND YARN WINDING SYSTEM

Title (de)
GARNWICKELVORRICHTUNG UND GARNWICKELSYSTEM

Title (fr)
DISPOSITIF ET SYSTÈME DE BOBINAGE DE FIL

Publication
EP 2957664 A1 20151223 (EN)

Application
EP 15175646 A 20130506

Priority
• JP 2012126863 A 20120604
• EP 13166618 A 20130506

Abstract (en)
A yarn winding device (1) of an automatic winder comprises a yarn supplying section (11) adapted to hold a yarn supplying bobbin (8) ; a winding section (13, 60) adapted to wind a yarn unwound to one side in an axial direction from the yarn supplying bobbin (8) ; a winding control section (26) adapted to control the winding section (13, 60) ; an unwinding position detecting section (26) adapted to detect a yarn unwinding position of the yarn supplying bobbin (8) ; and an abnormality information storage section (51) adapted to store information related to an unwinding abnormality including the yarn unwinding position when the unwinding abnormality of the yarn is generated. The winding control section (26) is adapted to specify a drawback of a spinning device that spun the yarn supplying bobbin (8), in which the unwinding abnormality generates, from the abnormality information stored in the abnormality information storage section (51).

IPC 8 full level
D01H 13/14 (2006.01); **B65H 49/02** (2006.01); **B65H 59/38** (2006.01); **B65H 63/00** (2006.01)

CPC (source: CN EP)
B65H 49/02 (2013.01 - EP); **B65H 59/385** (2013.01 - CN EP); **B65H 63/00** (2013.01 - CN EP); **D01H 13/14** (2013.01 - EP);
B65H 2701/31 (2013.01 - CN EP)

Citation (applicant)
JP 3564817 B2 20040915

Citation (search report)
• [AD] JP 3564817 B2 20040915
• [A] US 5184786 A 19930209 - BROCKMANN'S KARL-JOSEF [DE], et al
• [A] JP H03249067 A 19911107 - MURATA MACHINERY LTD
• [A] JP H04341465 A 19921127 - MURATA MACHINERY LTD
• [A] US 3304015 A 19670214 - RUDOLF JENNY
• [A] EP 2090538 A2 20090819 - MURATA MACHINERY LTD [JP]
• [A] US 5046013 A 19910903 - UEDA YUTAKA [JP], et al
• [A] EP 2388222 A2 20111123 - OERLIKON TEXTILE GMBH & CO KG [DE]
• [A] US 5107667 A 19920428 - TONE SHOICHI [JP], et al

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 2671983 A2 20131211; **EP 2671983 A3 20150325**; **EP 2671983 B1 20170705**; CN 103449257 A 20131218; CN 103449257 B 20170908;
CN 106927307 A 20170707; CN 106927307 B 20190409; EP 2957664 A1 20151223; EP 2957664 B1 20170705; JP 2013249189 A 20131212

DOCDB simple family (application)
EP 13166618 A 20130506; CN 201310143049 A 20130423; CN 201611138701 A 20130423; EP 15175646 A 20130506;
JP 2012126863 A 20120604