

Title (en)  
Winding device and yarn winding machine including the same

Title (de)  
Wickelvorrichtung und Garnwickelmaschine damit

Title (fr)  
Dispositif de bobinage de fil et machine de bobinage de fil l'incluant

Publication  
**EP 2862825 A1 20150422 (EN)**

Application  
**EP 14185545 A 20140919**

Priority  
JP 2013215452 A 20131016

Abstract (en)  
As winding device 13 includes a package holding section 71 adapted to rotatably hold a package 45 around which a yarn 10 is wound, a switching mechanism 80 adapted to move the package holding section 71 from a winding position, which is a position where the package holding section 71 is located when the yarn 10 is wound around the package 45, to a retracted position, which is a position located away from the winding position, and a control section 30 adapted to operate the switching mechanism 80 after the switching mechanism 80 has moved the package holding section 71 from the retracted position to the winding position.

IPC 8 full level  
**B65H 54/553** (2006.01); **B65H 63/036** (2006.01)

CPC (source: EP)  
**B65H 54/553** (2013.01); **B65H 63/0364** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)  
JP 2011037608 A 20110224 - MURATA MACHINERY LTD

Citation (search report)  
• [XY] EP 2570375 A2 20130320 - MURATA MACHINERY LTD [JP]  
• [YD] JP 2011037608 A 20110224 - MURATA MACHINERY LTD  
• [X] US 4149679 A 19790417 - TROST WAYNE C  
• [X] CH 232346 A 19440531 - SCHLAFHORST & CO W [DE]

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 2862825 A1 20150422**; **EP 2862825 B1 20160817**; CN 104555573 A 20150429; CN 104555573 B 20190329; IN 2821DE2014 A 20150626;  
JP 2015078037 A 20150423

DOCDB simple family (application)  
**EP 14185545 A 20140919**; CN 201410504016 A 20140926; IN 2821DE2014 A 20141001; JP 2013215452 A 20131016