

Title (en)  
Yarn winding machine and yarn withdrawal method

Title (de)  
Garnwickelmaschine und Garnentnahmeverfahren

Title (fr)  
Machine de renvideur de fil et procédé de retrait de fil

Publication  
**EP 2738127 A3 20171115 (EN)**

Application  
**EP 13189654 A 20131022**

Priority  
JP 2012262795 A 20121130

Abstract (en)  
[origin: EP2738127A2] A winder unit 10 includes a package driving motor 41, an upper-yarn catching member, and a unit control section 50. The unit control section 50 is adapted to control the package driving motor 41 to rotationally drive the package 30 at a yarn-end catching speed when the upper-yarn catching member 26 is located at a catching region R1 where the upper-yarn catching member 26 catches a yarn end of the package 30. The unit control section 50 is adapted to control the package driving motor 41 to rotationally drive the package 30 at a yarn guiding speed, which is faster than the yarn-end catching speed, when the upper-yarn catching member 26 moves from the catching region R1 to a guiding target 14.

IPC 8 full level  
**B65H 67/08** (2006.01)

CPC (source: EP)  
**B65H 67/085** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] JP H0275574 A 19900315 - MURATA MACHINERY LTD
- [A] DE 4418743 A1 19951130 - RIETER INGOLSTADT SPINNEREI [DE]
- [A] US 5765770 A 19980616 - HERMANN'S FERDINAND-JOSEF [DE], et al

Cited by  
CN108439072A

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 2738127 A2 20140604; EP 2738127 A3 20171115**; CN 103848285 A 20140611; CN 103848285 B 20170829; JP 2014108844 A 20140612

DOCDB simple family (application)  
**EP 13189654 A 20131022**; CN 201310571630 A 20131113; JP 2012262795 A 20121130