

Title (en)  
YARN WINDING APPARATUS

Title (de)  
GARNWICKLUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE BOBINAGE DE FIL

Publication  
**EP 3263500 B1 20200617 (EN)**

Application  
**EP 17176827 A 20170620**

Priority  
JP 2016126467 A 20160627

Abstract (en)  
[origin: EP3263500A1] An influence of static electricity generated by friction between a rotating body and a package is restrained in a yarn winding apparatus including the rotating body which rotates while being in contact with the outer circumferential surface of the package. A yarn winding apparatus forming a package by winding a yarn onto a bobbin includes a rotating body 18 configured to rotate while being in contact with the outer circumferential surface of the package and an antistatic unit 40 configured to remove static electricity from the rotating body 18.

IPC 8 full level  
**B65H 54/46** (2006.01); **B65H 54/72** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)  
**B65H 54/46** (2013.01); **B65H 54/72** (2013.01); **B65H 67/048** (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)  
US 2004233592 A1 20041125 - OH HIEYOUNG W [US], et al

Cited by  
EP4332034A1

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 3263500 A1 20180103**; **EP 3263500 B1 20200617**; CN 107539829 A 20180105; CN 107539829 B 20210326; JP 2018002321 A 20180111; JP 6770836 B2 20201021

DOCDB simple family (application)  
**EP 17176827 A 20170620**; CN 201710426334 A 20170608; JP 2016126467 A 20160627