

Title (en)

YARN WINDING DEVICE AND PACKAGE DECELERATING METHOD

Title (de)

GARNAUFWICKLUNGSVORRICHTUNG UND PAKETABBREMSVERFAHREN

Title (fr)

BOÎTIER DE DISPOSITIF DE BOBINAGE DE FIL ET PROCÉDÉ DE DÉCÉLÉRATION DE PAQUET

Publication

**EP 3009387 A1 20160420 (EN)**

Application

**EP 15185097 A 20150914**

Priority

JP 2014212517 A 20141017

Abstract (en)

The control section (50) carries out a deceleration control of decelerating the traverse drum (24) while adjusting such that a difference in peripheral speeds of the package (30) and the traverse drum (24) is smaller than or equal to a predetermined value in a state where the yarn (20) is connected between the yarn storage device (19) and the winding section (8) and in a state where the package (30) and the traverse drum (24) are brought into contact with each other based on a detection result of the package rotation sensor (47) and a rotation speed of the traverse drum (24).

IPC 8 full level

**B65H 51/22** (2006.01); **B65H 54/42** (2006.01)

CPC (source: EP)

**B65H 51/22** (2013.01); **B65H 54/42** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- WO 2012127939 A1 20120927 - MURATA MACHINERY LTD [JP], et al
- JP H07187506 A 19950725 - SCHLAFHORST & CO W

Citation (search report)

- [YDA] WO 2012127939 A1 20120927 - MURATA MACHINERY LTD [JP], et al & EP 2687468 A1 20140122 - MURATA MACHINERY LTD [JP]
- [Y] DE 102009007448 A1 20100805 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [AD] JP H07187506 A 19950725 - SCHLAFHORST & CO W & US 5595351 A 19970121 - HAASEN ROLF [DE]

Cited by

EP3498641A1; CN109911694A; EP3686328A1; CN111485303A; IT201900001195A1; US11377761B2; EP4122855A1; DE102021118860A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3009387 A1 20160420; EP 3009387 B1 20170830**; CN 105523434 A 20160427; CN 105523434 B 20200306; JP 2016078995 A 20160516

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**EP 15185097 A 20150914**; CN 201510603056 A 20150921; JP 2014212517 A 20141017