

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

DOCDB simple family (application)

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