

Title (en)

YARN WINDING DEVICE AND YARN WINDING SYSTEM

Title (de)

GARNWICKLUNGSVORRICHTUNG UND GARNWICKLUNGSSYSTEM

Title (fr)

DISPOSITIF DE BOBINAGE DE FIL ET SYSTÈME DE BOBINAGE DE FIL

Publication

EP 3181501 A1 20170621 (EN)

Application

EP 16203989 A 20161214

Priority

JP 2015245295 A 20151216

Abstract (en)

A first automatic winder (10) includes a plurality of first winder units (11), a first doffing cart (13), a first controlling section (18), and a first communicating section (16). The first winder units (11) are arranged side by side along the X direction. The first doffing cart (13) is travelable along the X direction, and performs doffing in the first winder unit (11). The first controlling section (18) controls traveling of the first doffing cart (13). The first communicating section (16) performs communication with a second automatic winder (20) that is adjacent in the Y direction, and acquires adjacent device information related to an operating state and / or surrounding conditions of the second automatic winder (20). The first controlling section (18) controls the traveling of the first doffing cart (13) based on the adjacent device information acquired by the first communicating section (16). Most Illustrative Drawing: FIG. 1

IPC 8 full level

B65H 54/26 (2006.01); **D01H 13/00** (2006.01); **D01H 13/14** (2006.01)

CPC (source: CN EP)

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B65H 2701/31 (2013.01 - CN EP)

Citation (applicant)

JP 2005330596 A 20051202 - MURATA MACHINERY LTD

Citation (search report)

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WO2020249768A1

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 3181501 A1 20170621; **EP 3181501 B1 20190410**; CN 106956971 A 20170718; CN 106956971 B 20200218; JP 2017109833 A 20170622

DOCDB simple family (application)

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