

Title (en)

Bobbin holding device, bobbin setting device, and yarn winding machine

Title (de)

Spulenhaltvorrichtung, Spuleneinstellvorrichtung und Garnwickelmaschine

Title (fr)

Dispositif de support de bobine, dispositif de réglage de bobine et machine de bobinage de fil

Publication

EP 2876071 A1 20150527 (EN)

Application

EP 14193939 A 20141119

Priority

JP 2013244161 A 20131126

Abstract (en)

A bobbin tube bobbin holding device (110) includes a receiving section (112) adapted to receive a bobbin (T) conveyed by a belt conveyor (70); a bobbin holding section (114) adapted to directly hold the bobbin (T); and a moving section (116, 120) adapted to move the receiving section (112) and the bobbin holding section (114) together to a first position of receiving the bobbin (T) conveyed by the belt conveyor (70) with the receiving section (112) and a second position different from the first position.

IPC 8 full level

B65H 67/04 (2006.01)

CPC (source: EP)

B65H 67/0417 (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

JP H03213529 A 19910918 - MURATA MACHINERY LTD

Citation (search report)

- [XYI] JP H10168682 A 19980623 - TOYODA AUTOMATIC LOOM WORKS
- [Y] DE 19512891 A1 19961010 - SCHLAFHORST & CO W [DE]
- [X] DE 3840090 A1 19890622 - VYZK USTAV BAVLNARSKY [CS]
- [X] FR 2422746 A1 19791109 - STAHLERKER FRITZ [DE]
- [X] DE 19935695 A1 20010201 - STAHLERKER FRITZ [DE], et al
- [X] JP H08170231 A 19960702 - TOYODA AUTOMATIC LOOM WORKS

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 2876071 A1 20150527; CN 104671000 A 20150603; IN 3317DE2014 A 20150821; JP 2015101453 A 20150604

DOCDB simple family (application)

EP 14193939 A 20141119; CN 201410554015 A 20141017; IN 3317DE2014 A 20141117; JP 2013244161 A 20131126