

Title (en)

A TEXTILE APPARATUS COMPRISING AT LEAST ONE SPINNING UNIT, AT LEAST ONE WINDING UNIT AND AT LEAST ONE TRAY FOR CONTAINING BOBBINS AND TUBES AND RELATIVE METHOD OF MANAGING A TEXTILE APPARATUS

Title (de)

TEXTILVORRICHTUNG MIT MINDESTENS EINER SPINNEINHEIT, MINDESTENS EINER SPULEINHEIT UND MINDESTENS EINEM TRÄGER ZUR AUFNAHME VON SPULEN UND HÜLSEN SOWIE EIN ENTSPRECHENDES VERFAHREN ZUM BETREIBEN EINER TEXTILVORRICHTUNG

Title (fr)

APPAREIL TEXTILE COMPRENANT AU MOINS UNE UNITÉ DE FILAGE, AU MOINS UNE UNITÉ DE BOBINAGE ET AU MOINS UN PLATEAU POUR CONTENIR DES BOBINES ET DES TUBES ET PROCÉDÉ CORRESPONDANT DE GESTION D'UN APPAREIL TEXTILE

Publication

EP 3604647 A1 20200205 (EN)

Application

EP 19187600 A 20190722

Priority

IT 201800007651 A 20180731

Abstract (en)

A textile apparatus (4) comprising- at least one spinning unit (8), adapted to produce yarn and wrapping it around a tube (12), so as to form a bobbin (16),- at least one tray (20) for containing bobbins (16) and tubes (12),wherein- the tray (20) comprises a plurality of plates (24) adapted to each support a bobbin (16) or a tube (12), said plates (24) being guided and moved within grooves (28) delimiting predefined paths within the tray (20),- the tray (20) being configured to receive bobbins (16) from the spinning unit (8) and to send tubes (12) to the spinning unit (8) and vice versa.

IPC 8 full level

D01H 9/18 (2006.01); **B65H 67/06** (2006.01)

CPC (source: CN EP)

B65H 67/06 (2013.01 - EP); **D01H 9/04** (2013.01 - CN); **D01H 9/187** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

- [XYI] EP 0490879 A1 19920617 - RIETER AG MASCHF [CH]
- [XYI] EP 0479017 A1 19920408 - SCHLAFHORST & CO W [DE]
- [XYI] DE 4312855 A1 19941027 - SCHLAFHORST & CO W [DE]
- [XY] JP H06255890 A 19940913 - MURATA MACHINERY LTD
- [X] US 5244079 A 19930914 - OSAMU NAKAGAWA [JP]
- [Y] US 4660370 A 19870428 - MATSUI ISAMU [JP], et al

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 3604647 A1 20200205; CN 110777457 A 20200211; CN 210765636 U 20200616; IT 201800007651 A1 20200131; JP 2020020085 A 20200206

DOCDB simple family (application)

EP 19187600 A 20190722; CN 201910697333 A 20190730; CN 201921222819 U 20190730; IT 201800007651 A 20180731; JP 2019138743 A 20190729