

Title (en)

YARN THREADING APPARATUS, FALSE-TWIST TEXTURING MACHINE, AND YARN THREADING METHOD

Title (de)

GARNEINFÄDELUNGSVORRICHTUNG, FALSCHDRALLTEXTURIERMASCHINE UND GARNEINFÄDELUNGSVERFAHREN

Title (fr)

APPAREIL D'ENFILAGE DE FIL, MACHINE DE TEXTURATION PAR FAUSSE TORSION ET PROCÉDÉ D'ENFILAGE DE FIL

Publication

EP 4242152 A1 20230913 (EN)

Application

EP 23155512 A 20230208

Priority

JP 2022036243 A 20220309

Abstract (en)

Formation of straight winding on a bobbin is prevented when yarn threading onto the bobbin is performed. A yarn threading apparatus 60 includes: a yarn threading arm 62 having a yarn engagement portion 62a; and a bunch guide 65. A yarn Y is disengaged from the yarn engagement portion 62a on account of yarn threading to a hook 41a, when the yarn threading arm 62 is at a yarn threading position. The bunch guide 65 holds the yarn Y disengaged from the yarn engagement portion 62a to maintain the yarn Y at a bunch winding position x which is outside a traversal range of a bobbin Bw. A control unit 64 causes a traverse guide 72 to move between a predetermined position which and the traversal range r. The bunch guide 65 is structured to cause the yarn Y held thereby to be caught by the traverse guide 72 moving from the predetermined position into the traversal range r and to be detached from the bunch guide 65.

IPC 8 full level

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CPC (source: CN EP)

B65H 54/343 (2013.01 - EP); **B65H 65/00** (2013.01 - EP); **D01H 1/36** (2013.01 - CN); **D01H 13/06** (2013.01 - CN); **D02G 1/0206** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (applicant)

JP H10194596 A 19980728 - MURATA MACHINERY LTD

Citation (search report)

- [AD] JP H10194596 A 19980728 - MURATA MACHINERY LTD
- [A] US 2002033429 A1 20020321 - JASCHKE KLEMENS [DE], 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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

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DOCDB simple family (application)

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