

Title (en)

METHOD AND DEVICE OF THREADING A YARN END INTO A RING TRAVELLER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINFÄDELN EINES FADENENDES IN EINEN RINGLÄUFER

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ENFILAGE D'UNE EXTRÉMITÉ DE FIL DANS UN CURSEUR

Publication

**EP 3521487 B1 20230419 (EN)**

Application

**EP 19152432 A 20190118**

Priority

CZ 201834 A 20180124

Abstract (en)

[origin: EP3521487A1] The invention relates to a method of threading a yarn (7) end into a traveller (4) on a ring (3) with a flange (30) at a spinning station of a ring spinning machine, in which the yarn end is sucked into a vacuum tube (A), by which the yarn end is guided into a position with respect to a bobbin and subsequently an oblique threading section (N) of the yarn end is created, which is placed at the flange (30) of the ring (3), this oblique threading section (N) of the yarn end being inclined at an angle ( $\alpha$ ) with respect to the horizontal plane, whereby the traveller (4) is set into motion by compressed air and is put onto the yarn end and the yarn end is threaded into the traveller (4) in the area of the threading section (N). The oblique threading section (N) of the yarn end is formed and positioned at the flange (30) of the ring (3) by at least one vertically situated positioning means (921, 922, 923). The invention also relates to a device for threading yarn (7) into a traveller (4) on a ring (3) with a flange (30) at a spinning station of a ring spinning machine.

IPC 8 full level

**D01H 1/40** (2006.01); **D01H 15/00** (2006.01); **D01H 15/013** (2006.01)

CPC (source: CN CZ EP)

**D01H 1/40** (2013.01 - CZ); **D01H 7/60** (2013.01 - CN); **D01H 13/00** (2013.01 - CN); **D01H 15/00** (2013.01 - CZ EP); **D01H 15/013** (2013.01 - CZ EP)

Cited by

EP4063543A1; EP3967798A1

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

DOCDB simple family (publication)

**EP 3521487 A1 20190807**; **EP 3521487 B1 20230419**; CN 110067054 A 20190730; CN 110067054 B 20230428; CZ 201834 A3 20190731; ES 2949621 T3 20231002

DOCDB simple family (application)

**EP 19152432 A 20190118**; CN 201910063598 A 20190123; CZ 201834 A 20180124; ES 19152432 T 20190118