

Title (en)

SPINNING DEVICE AND METHOD FOR PIECING

Title (de)

SPINNVORRICHTUNG UND VERFAHREN ZUM ANSPINNEN

Title (fr)

DISPOSITIF DE FILAGE ET PROCÉDÉ DE RATTACHEMENT D'UN FIL

Publication

EP 3909896 B1 20231011 (DE)

Application

EP 21172363 A 20210506

Priority

- DE 102020113273 A 20200515
- DE 102020113268 A 20200515

Abstract (en)

[origin: CN113668098A] The invention relates to a spinning device, in particular a rotor spinning device or an air-jet spinning device, comprising a plurality of preferably self-contained working stations, each of which has a spinning station for producing a yarn and a winding station for winding the yarn onto a cross-wound bobbin, the winding station comprises a sleeve support used for containing a sleeve, a winding roller used for driving the sleeve or the cross winding bobbin and a reciprocating motion device used for laying the yarn on the cross winding bobbin. The spinning station has a plurality of individual drives and/or the winding station has at least individual drives for the winding roller and the reciprocating device, respectively. The invention further relates to a method for joining a yarn in a preferably self-operated working station of a spinning device by means of a feed yarn, to which the yarn is fed by means of a handling device for joining the yarn, and wherein the joined yarn is transferred to an empty sleeve. Each working station is assigned at least one feed yarn device having a feed yarn adapted to attach the yarn to the empty sleeve, where the feed yarn is stored independently of the spun yarn.

IPC 8 full level

B65H 67/04 (2006.01); **B65H 65/00** (2006.01); **D01H 4/48** (2006.01); **D01H 4/50** (2006.01); **D01H 15/00** (2006.01)

CPC (source: CN EP)

B65H 65/00 (2013.01 - EP); **B65H 67/0422** (2013.01 - EP); **D01H 4/48** (2013.01 - CN EP); **D01H 4/50** (2013.01 - CN EP); **D01H 15/00** (2013.01 - CN EP); **B65H 2701/31** (2013.01 - EP)

Cited by

CN116555949A

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 3909896 A1 20211117; **EP 3909896 B1 20231011**; CN 113668098 A 20211119

DOCDB simple family (application)

EP 21172363 A 20210506; CN 202110533702 A 20210517