

Title (en)
METHOD FOR OPERATING A WORKSTATION AND WORKSTATION

Title (de)
VERFAHREN ZUM BETREIBEN EINER ARBEITSSTELLE UND ARBEITSSTELLE

Title (fr)
PROCEDE DE FONCTIONNEMENT D'UN POSTE DE TRAVAIL ET POSTE DE TRAVAIL

Publication
EP 3144257 B1 20171206 (DE)

Application
EP 16187522 A 20160907

Priority
DE 102015115919 A 20150921

Abstract (en)
[origin: US2017081142A1] With a method for operating a work station of a spinning machine and/or a winding machine, which has a spinning device (1) for producing a thread (2) or a head for delivering a thread (2) along with a winding device (6) for producing a package (7) on a sleeve (18), the winding device (6) features a swivel-mounted coil holder (8) with a coil plate (9) for receiving the sleeve (18) and for catching the thread (2), a powered winding roller (11) for rotating the sleeve (18) and/or the coil (7) along with a thread traversing device, and the work station is equipped with a first suction nozzle (5) that is directed towards the coil circumference and also with a second suction nozzle (12) that is arranged on the side of the coil plate (9) turned away from the package (7) and is directed essentially counter to the first suction nozzle (5) and is spaced apart from it. The thread (2) is arranged for attachment on an empty sleeve (18) in the two suction nozzles (5, 12), and is stretched between in particular by means of negative pressure in at least the second suction nozzle (12). Subsequently, the thread (2) stretched between the two suction nozzles (5, 12) is captured by a catching device, in order to catch the thread (2) and subsequently wind it onto the sleeve (18). With a corresponding work station of a spinning machine and/or a winding machine, the two suction nozzles (5, 12) are arranged at each other in such a manner that the thread (2) may be arranged for the attachment to an empty sleeve (18) in the two suction nozzles (5, 12) and may be stretched between the two suction nozzles (5, 12) by means of negative pressure in at least the second suction nozzle (12) in such a manner that the stretched thread (2) can be captured between the two suction nozzles (5, 12) by a catching device, in order to catch the thread (2) and subsequently wind it onto the sleeve (18).

IPC 8 full level
B65H 65/00 (2006.01); **B65H 67/04** (2006.01); **D01H 9/02** (2006.01)

CPC (source: CN EP US)
B65H 51/10 (2013.01 - US); **B65H 51/16** (2013.01 - US); **B65H 54/22** (2013.01 - US); **B65H 54/30** (2013.01 - US); **B65H 65/00** (2013.01 - EP US); **B65H 67/04** (2013.01 - EP US); **B65H 67/08** (2013.01 - CN); **D01H 9/02** (2013.01 - US); **D01H 9/04** (2013.01 - EP US); **B65H 2701/31** (2013.01 - CN EP US)

Cited by
WO2020254598A1

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 3144257 A1 20170322; EP 3144257 B1 20171206; CN 107055212 A 20170818; CN 107055212 B 20191105; DE 102015115919 A1 20170323; JP 2017082375 A 20170518; JP 6870942 B2 20210512; TR 201802236 T4 20180321; US 2017081142 A1 20170323; US 9938113 B2 20180410

DOCDB simple family (application)
EP 16187522 A 20160907; CN 201610822509 A 20160913; DE 102015115919 A 20150921; JP 2016183434 A 20160920; TR 201802236 T 20160907; US 201615271484 A 20160921