

Title (en)
METHOD FOR CARRYING OUT AN AUTOMATIC CAN CHANGE PROCESS AT A SPINNING STATION OF A SPINNING MACHINE, AND SPINNING MACHINE AND MOVABLE CAN CHANGER

Title (de)
VERFAHREN ZUR DURCHFÜHRUNG EINES AUTOMATISCHEN KANNENWECHSELVORGANGS AN EINER SPINNSTELLE EINER SPINNMASCHINE SOWIE SPINNMASCHINE UND VERFAHRBARER KANNENWECHSLER

Title (fr)
PROCÉDÉ POUR EXÉCUTER UN PROCESSUS DE CHANGEMENT DE POT DE FILATURE AUTOMATIQUE AU NIVEAU D'UN POSTE DE FILATURE D'UN MÉTIER À FILER, MÉTIER À FILER, ET DISPOSITIF DE CHANGEMENT DE POT DE FILATURE DÉPLAÇABLE

Publication
EP 4208592 A1 20230712 (DE)

Application
EP 21815398 A 20211112

Priority
• DE 102020131089 A 20201124
• EP 2021081569 W 20211112

Abstract (en)
[origin: WO2022112024A1] In a method for carrying out an automatic can change process at a spinning station (2) of a spinning machine (1) by means of a movable can changer (14), a sliver (4) is fed from a spinning can (3), which is positioned below the spinning station (2), to the spinning station (2) in a feed direction (LR) by means of a supply device (5) of the spinning station (2). In order to carry out the can change process, the sliver (4) is severed. The sliver (4) is clamped by means of a clamp (10, 18) of the can changer (14). After the clamping, the sliver (4) is severed, and after the severing, the supply device (5) is driven counter to the feed direction (LR), and a residual sliver (21) remaining at the spinning station (2) is fed back and ejected from the spinning station (2) by means of the supply device (5). A corresponding spinning machine (1) has at least one control unit (16) which is designed to carry out the method. Furthermore, a movable can changer (14) has a fixed clamp (18) for clamping a sliver (4) on the spinning can (3).

IPC 8 full level
D01H 9/00 (2006.01)

CPC (source: EP US)
D01H 9/008 (2013.01 - EP US); **D01H 13/32** (2013.01 - US); **D01H 2700/21** (2013.01 - US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022112024 A1 20220602; CN 116472371 A 20230721; DE 102020131089 A1 20220525; EP 4208592 A1 20230712; US 2023416952 A1 20231228

DOCDB simple family (application)
EP 2021081569 W 20211112; CN 202180078117 A 20211112; DE 102020131089 A 20201124; EP 21815398 A 20211112; US 202118254081 A 20211112