

Title (en)
METHOD OF OPERATING A SERVICE ROBOT OF A RING SPINNING MACHINE AND A RING SPINNING MACHINE FOR PERFORMING IT

Title (de)
VERFAHREN ZUM BETREIBEN EINES DIENSTROBOTERS EINER RINGSPINNMASCHINE UND RINGSPINNMASCHINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN ROBOT DE SERVICE D'UNE MACHINE À FILER À ANNEAUX ET MACHINE À FILER À ANNEAUX POUR SON EXÉCUTION

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CZ 2018395 A 20180807

Abstract (en)
[origin: EP3608457A1] The invention relates to a method of operating a service robot of a ring spinning machine, in which the service robot is displaceable along a row of spinning units (A) of the spinning machine, each spinning unit (A) comprising a spindle (1), wherein the service robot (4) can be stopped at a specific spinning unit (A) to perform a service operation at the spinning unit (A). The method comprises the following steps - displacing the service robot (4) initially along the row of spinning units (A) to detect a reference position; and - during this displacement of the service robot (4) at least one reference element (H) located between both ends of the row of spinning units (A) is detected by a sensor (A1), wherein the reference element (H) indicates the reference position; and - using the reference position during the operation of the service robot (4) to position the service robot (4) in front of a specific spinning unit (A) of the row of spinning units (A) if the need arises to perform a service operation at the respective spinning unit (A). The invention further relates to a ring spinning machine for performing this method.

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