

Title (en)  
METHOD FOR OPERATING A TEXTILE MACHINE WITH SITE-BASED HANDLING TOOLS FOR PIECING YARN, AND TEXTILE MACHINE WITH SITE-BASED HANDLING TOOLS

Title (de)  
VERFAHREN ZUM BETREIBEN EINER TEXTILMASCHINE MIT ARBEITSSTELLENEIGENEN HANDLINGSORGANEN ZUM WIEDERANSPINNEN EINES FADENS SOWIE TEXTILMASCHINE MIT ARBEITSSTELLENEIGENEN HANDLINGSORGANEN

Title (fr)  
PROCEDE DE FONCTIONNEMENT D'UNE MACHINE TEXTILE COMPRENANT DES ORGANES DE MANUTENTION PROPRES A CHAQUE POSTE DE TRAVAIL POUR LE RE-ATTACHEMENT D'UN FIL ET MACHINE TEXTILE COMPRENANT DES ORGANES DE MANUTENTION

Publication  
**EP 3100971 B1 20181226 (DE)**

Application  
**EP 16172499 A 20160601**

Priority  
DE 102015108740 A 20150602

Abstract (en)  
[origin: US2016355954A1] With a method for operating a spinning machine (1), with a multiple number of work stations (2) arranged next to each other, each work station (2), as a work element (3, 28, 4, 10, 16, 17, 18), features at least one spinning unit (3) with a spinning device (28), one winding device (4) and handling elements (10, 16, 17, 18) of their own work station for spinning back in the thread (F). If the spinning process is interrupted, a thread end (6) on the coil side is provided in a defined receiving position (A) at the work station (2). For spinning back in a thread (F), the thread end (6) on the coil side is cut to length by work elements (3, 28, 4, 10, 16, 17, 18) of the work station (2), in particular the handling elements (10, 16, 17, 18) of their own work station, received from the receiving position (A), prepared for spinning back in and spun in. A thread end (6) accumulated on the coil (5) is sought out by means of a thread seeking device (7) on the surface of the coil (5) deliverable by means of multiple work stations (2) of the spinning machine (1), and the thread end (6) is subsequently moved into the receiving position (A) at the work station (2), from which it is received by a work element (3, 28, 4, 10, 16, 17, 18) of the work station (2), in particular by a handling element (10, 16, 17, 18) of its own work station. A corresponding spinning machine (1) features at least one thread seeking device (7) movable in the area of multiple work stations (2) of the spinning machine (1), with a suction nozzle (12) subjected to negative pressure. At least one transfer element (13) is provided for moving the thread end (6) that is sought out from the suction nozzle (12) to the receiving position (A) at the work station (2).

IPC 8 full level  
**B65H 67/08** (2006.01); **B65H 54/26** (2006.01); **B65H 69/06** (2006.01); **D01H 4/50** (2006.01); **D01H 15/013** (2006.01)

CPC (source: CN EP US)  
**B65H 51/205** (2013.01 - EP US); **B65H 54/26** (2013.01 - EP US); **B65H 67/085** (2013.01 - EP US); **D01H 4/48** (2013.01 - CN EP US); **D01H 15/013** (2013.01 - EP US); **B65H 27/01/31** (2013.01 - EP US)

Cited by  
WO2019012143A3; US11753748B2; US11753747B2; TWI770227B

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 3100971 A1 20161207**; **EP 3100971 B1 20181226**; BR 102016012441 A2 20161206; BR 102016012441 B1 20220510; CN 106222820 A 20161214; CN 106222820 B 20200804; DE 102015108740 A1 20161208; JP 2016223061 A 20161228; JP 6940931 B2 20210929; TR 201901103 T4 20190221; US 10414623 B2 20190917; US 2016355954 A1 20161208

DOCDB simple family (application)  
**EP 16172499 A 20160601**; BR 102016012441 A 20160531; CN 201610382093 A 20160601; DE 102015108740 A 20150602; JP 2016108230 A 20160531; TR 201901103 T 20160601; US 201615171066 A 20160602