

Title (en)

METHOD FOR OPERATING A TEXTILE MACHINE, AND TEXTILE MACHINE FOR PRODUCING ROVINGS

Title (de)

VERFAHREN ZUM BETREIBEN EINER TEXTILMASCHINE SOWIE TEXTILMASCHINE ZUR HERSTELLUNG VON VORGARN

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE MACHINE TEXTILE ET MACHINE TEXTILE SERVANT À PRODUIRE UNE MÈCHE

Publication

EP 3148913 B1 20191218 (DE)

Application

EP 15726289 A 20150507

Priority

- CH 7972014 A 20140526
- IB 2015000648 W 20150507

Abstract (en)

[origin: WO2015181598A1] The invention relates to a method for operating a textile machine which is used to produce rovings (2). During a normal operation, a fiber composite (4) is supplied to at least one strengthening means of the textile machine, and a roving (2) which has a protective twist is produced from the composite fiber (4) using the strengthening means. The roving (2) is wound onto a reel (6) after leaving the strengthening means and by means of a winding device (5) arranged downstream of the strengthening means in a transport direction (T) of the roving (2). A sensor system (9) is used to monitor whether a roving (2) has been produced by the strengthening means and/or whether the roving (2) produced by the strengthening means has been wound onto the reel (6). According to the invention, if the sensor system (9) detects that the strengthening means has not produce a roving (2) or the roving (2) produced by the strengthening means has not been wound onto the reel (6), the normal operation is then interrupted; the reel (6), which has already been partly wound with a roving (2) by means of the winding device (5) before the normal operation was interrupted, is replaced with an empty reel (6) as part of a sleeve replacement process; a starting process is carried out in which a roving (2) produced by the strengthening means after the strengthening means is started up is brought into contact with the empty reel (6); and the roving (2) produced by the strengthening means after the starting process is wound onto the reel (6) and the normal operation is continued. The invention additionally relates to a textile machine for producing rovings (2).

IPC 8 full level

B65H 63/02 (2006.01); **B65H 63/06** (2006.01); **D01H 9/04** (2006.01); **D01H 13/16** (2006.01)

CPC (source: CN EP US)

B65H 54/02 (2013.01 - US); **B65H 63/02** (2013.01 - CN EP US); **B65H 63/024** (2013.01 - US); **B65H 67/04** (2013.01 - CN EP US); **B65H 67/0422** (2013.01 - CN EP US); **D01H 7/92** (2013.01 - EP US); **D01H 9/04** (2013.01 - CN US); **D01H 9/16** (2013.01 - EP US); **D01H 13/16** (2013.01 - CN EP US); **B65H 2701/31** (2013.01 - US); **B65H 2701/311** (2013.01 - CN EP US); **D01H 1/115** (2013.01 - EP 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

DOCDB simple family (publication)

WO 2015181598 A1 20151203; CH 709693 A1 20151130; CN 106414289 A 20170215; EP 3148913 A1 20170405; EP 3148913 B1 20191218; US 10683188 B2 20200616; US 2017101287 A1 20170413

DOCDB simple family (application)

IB 2015000648 W 20150507; CH 7972014 A 20140526; CN 201580027735 A 20150507; EP 15726289 A 20150507; US 201515313453 A 20150507