

Title (en)
TEXTILE MACHINE FOR PRODUCING A ROVING AND METHOD OF STARTING ROVING PRODUCTION WITH SUCH A TEXTILE MACHINE

Title (de)
TEXTILMASCHINE ZUR HERSTELLUNG VON VORGARN SOWIE VERFAHREN ZUM STARTEN DER VORGARNHERSTELLUNG AN EINER ENTSPRECHENDEN TEXTILMASCHINE

Title (fr)
MACHINE TEXTILE POUR LA PRODUCTION D'UNE MECHE ET PROCEDE DE DEMARRAGE D'UNE TELLE MACHINE POUR PRODUIRE UNE MECHE

Publication
EP 3140233 A1 20170315 (DE)

Application
EP 15726284 A 20150414

Priority
• CH 6962014 A 20140508
• IB 2015000479 W 20150414

Abstract (en)
[origin: WO2015170155A1] The invention relates to a textile machine for producing roving (1), comprising at least one stabilization means, with the aid of which a roving (1) having a protective twist is producible from a fiber composite (3) supplied to the stabilization means, and comprising a winding device (5), located downstream from the stabilization means in a transport direction (T) of the roving (1), for winding up the roving (1) produced from the stabilization means onto a reel core (7) which can be driven with the aid of a reel-core drive (6). The textile machine is characterized in that it has an arrangement, with the aid of which the roving (1), which leaves the stabilization means during a start of the roving production, can be brought into contact with the reel core (7), wherein the specified arrangement comprises a moveably mounted suction unit (8) with a suction opening (9), with the aid of which the roving (1) can be sucked in during ongoing roving production, wherein the specified arrangement comprises means, with the aid of which the roving (1) running between the stabilization means and the suction opening (9) during ongoing roving production can be brought into contact with the reel core (7), and in that the specified arrangement comprises means, with the aid of which the roving (1) can be separated during ongoing roving production in such a way that the segment (19) of the roving (1) captured by the suction unit (8) can be discharged with the aid of the suction unit (8), and the segment of the roving (1) running between the stabilization means and the reel core (7) can be wound up on the reel core (7). In addition, a method for starting the roving production using a corresponding textile machine is proposed.

IPC 8 full level
B65H 67/04 (2006.01); **D01H 1/40** (2006.01)

CPC (source: CN EP US)
B65H 54/02 (2013.01 - US); **B65H 65/005** (2013.01 - US); **B65H 67/0422** (2013.01 - CN EP US); **D01H 1/40** (2013.01 - CN EP US); **B65H 2701/31** (2013.01 - US); **B65H 2701/311** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2015170155A1

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

DOCDB simple family (publication)
WO 2015170155 A1 20151112; CH 709605 A1 20151113; CN 106414821 A 20170215; CN 106414821 B 20200310; EP 3140233 A1 20170315; EP 3140233 B1 20190925; JP 2017517652 A 20170629; JP 6602848 B2 20191106; US 10563326 B2 20200218; US 2017152125 A1 20170601

DOCDB simple family (application)
IB 2015000479 W 20150414; CH 6962014 A 20140508; CN 201580024129 A 20150414; EP 15726284 A 20150414; JP 2017510784 A 20150414; US 201515309457 A 20150414