

Title (en)

METHOD FOR GENERATING A SEAM BEGINNING TOP THREAD OF A SEAM TO BE FORMED IN A MATERIAL, WITH A DEFINED SEAM PROTRUSION, AND SEWING MACHINE FOR PERFORMING THIS METHOD

Title (de)

VERFAHREN ZUR ERZEUGUNG EINES NAHT-ANFANGSOBERFADENS EINER IN NÄHGUT AUSZUBILDENDEN NAHT MIT EINEM DEFINIERTEN SOLL-NAHTÜBERSTAND SOWIE NÄHMASCHINE ZUR DURCHFÜHRUNG EINES DERARTIGEN VERFAHRENS

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN FIL SUPÉRIEUR D'EXTRÉMITÉ D'UNE COUTURE À RÉALISER DANS UN MATÉRIAU À COUDRE, AVEC UN EXCÈS DE COUTURE DÉFINI, AINSI QUE MACHINE À COUDRE POUR LA MISE EN OEUVRE DE CE PROCÉDÉ

Publication

EP 3354784 B1 20200318 (DE)

Application

EP 17209953 A 20171222

Priority

DE 102017201240 A 20170126

Abstract (en)

[origin: CN108360163A] Disclosed are a method for generating a seam beginning top thread of a seam and a sewing machine for performing the method. When the seam beginning top thread to be formed in fabric is manufactured in order to obtain a limited nominal excessive thread length, the sewing machine operates the following steps: in the first step, providing a limited thread amount in a top thread trajectory between an actuating top thread clip (28) and a sewing needle (8) in order to sew a thread-cutting stitch used for a top thread cutting process; in subsequent steps, the thread clip (28) is closed in order to prevent any additional top thread (9) from being pulled out of a thread supply device after the thread clip (28) is closed; now, sewing the thread-cutting stitch by utilizing the thread amount provided by a limited manner; and then, cutting the thread (9) with a top thread cutter. Accordingly, a reproduceable seam beginning top thread can be obtained. The sewing machine equipped with the method can have a displaceable limit stopper. A thread supply unit (24) and the displaceable limit stopper interact with each other in order to set the to-be-provided thread amount.

IPC 8 full level

D05B 47/04 (2006.01)

CPC (source: CN EP)

D05B 45/00 (2013.01 - CN); **D05B 47/04** (2013.01 - CN EP)

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 3354784 A1 20180801; **EP 3354784 B1 20200318**; CN 108360163 A 20180803; CN 108360163 B 20210205; DE 102017201240 A1 20180726; KR 102481545 B1 20221227; KR 20180088303 A 20180803; TW 201835411 A 20181001; TW I787232 B 20221221

DOCDB simple family (application)

EP 17209953 A 20171222; CN 201810067656 A 20180124; DE 102017201240 A 20170126; KR 20180009447 A 20180125; TW 107102226 A 20180122