

Title (en)

DEVICE AND METHOD FOR SEWING THE TOE OF A TUBULAR KNITTED ARTICLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM NÄHEN DER SPITZE EINES ROHRFÖRMIGEN GESTRICKTEN ARTIKELS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COUTURE DE LA POINTE D'UN ARTICLE TUBULAIRE TRICOTÉ

Publication

**EP 3494252 B1 20211222 (EN)**

Application

**EP 17743356 A 20170728**

Priority

- IT 201600082235 A 20160804
- EP 2017069128 W 20170728

Abstract (en)

[origin: WO2018024622A1] The device (1) comprises a continuous flexible member (7), configured and arranged to press with a branch thereof an end portion of the tubular knitted article (G1, G2) against a supporting surface (31) and to feed the tubular knitted article (G1, G2) along a feed path from an insertion position toward and through a sewing area in which there is arranged a sewing machine (5). In the insertion area the portion of continuous flexible member in contact with the tubular knitted article (G1, G2) forms a first curve (7A; 7B). In the sewing area, the continuous flexible member (7) co-acts with a convex deflector profile (25), which imparts to the continuous flexible member (7) a curvature with a convexity facing the same part as the convexity of the first curve (7A; 7B) of the continuous flexible member (7).

IPC 8 full level

**D05B 23/00** (2006.01)

CPC (source: EP RU US)

**D05B 23/009** (2013.01 - EP RU US); **D05B 27/12** (2013.01 - 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 2018024622 A1 20180208**; CN 109790667 A 20190521; CN 109790667 B 20211214; EP 3494252 A1 20190612; EP 3494252 B1 20211222; ES 2909711 T3 20220510; HR P20220390 T1 20220527; IT 201600082235 A1 20180204; JP 2019527590 A 20191003; JP 7001676 B2 20220119; PL 3494252 T3 20220613; RS 63057 B1 20220429; RU 2019105582 A 20200904; RU 2019105582 A3 20200923; RU 2734486 C2 20201019; TW 201835406 A 20181001; TW I772316 B 20220801; US 2021372019 A1 20211202

DOCDB simple family (application)

**EP 2017069128 W 20170728**; CN 201780055801 A 20170728; EP 17743356 A 20170728; ES 17743356 T 20170728; HR P20220390 T 20170728; IT 201600082235 A 20160804; JP 2019505481 A 20170728; PL 17743356 T 20170728; RS P20220292 A 20170728; RU 2019105582 A 20170728; TW 106125740 A 20170731; US 201716322672 A 20170728