Title (en)

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

Title (de)

VORRICHTUNG UND VERFAHREN ZUM NÄHEN DER ZEHENSPITZE EINES SCHLAUCHFÖRMIGEN GESTRICKTEN ARTIKELS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR COUDRE LE BOUT D'UN ARTICLE TRICOTÉ TUBULAIRE

Publication

EP 3494252 A1 20190612 (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)

Citation (search report)

See references of WO 2018024622A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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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