

Title (en)

PROCESS TO CLOSE AN END OF A TUBULAR MANUFACTURED ARTICLE DIRECTLY ON HOSIERY AND KNITWEAR CIRCULAR MACHINES AND RESPECTIVE CIRCULAR MACHINE

Title (de)

VERFAHREN ZUM VERSCHLIESSEN EINES ENDES EINES SCHLAUCHFÖRMIGEN ARTIKELS DIREKT AUF STRUMPFWAREN UND RUNDSTRICKMASCHINEN SOWIE ENTSPRECHENDE RUNDSTRICKMASCHINE

Title (fr)

PROCÉDÉ POUR FERMER UNE EXTRÉMITÉ D'UN ARTICLE MANUFACTURÉ TUBULAIRE DIRECTEMENT SUR DES MACHINES CIRCULAIRES DE BONNETERIE ET DE TRICOT ET MACHINE CIRCULAIRE RESPECTIVE

Publication

EP 4077784 A1 20221026 (EN)

Application

EP 20838292 A 20201214

Priority

- IT 201900024108 A 20191216
- IB 2020061885 W 20201214

Abstract (en)

[origin: WO2021124067A1] A process to close an end of a tubular manufactured article (8) directly on hosiery and knitwear circular machines, a respective circular machine and a respective device are described. The method provides that a respective stitch is collected from each needle of at least one first half of adjacent needles (5) of the machine cylinder; said stitches are arranged on corresponding needles of a second half of adjacent cylinder needles, so that each of the needles of said second half of the needles carries a pair of stitches of the last course, which are arranged, at first, on opposite cylinder needles with reference to a diameter (D) of the cylinder; at least one yarn (7) is fed to the cylinder needles; and said pairs of stitches are joined together and the end of the tubular manufactured article (8) is closed, by processing the yarn with the needles of said second half of the cylinder needles.

IPC 8 full level

D04B 37/02 (2006.01); **D04B 1/10** (2006.01); **D04B 9/40** (2006.01); **D04B 15/02** (2006.01)

CPC (source: EP KR US)

D04B 1/108 (2013.01 - EP KR); **D04B 1/26** (2013.01 - US); **D04B 9/40** (2013.01 - EP KR US); **D04B 9/46** (2013.01 - US); **D04B 15/02** (2013.01 - EP KR US); **D04B 15/14** (2013.01 - US); **D04B 15/48** (2013.01 - US); **D04B 37/02** (2013.01 - EP KR); **D10B 2403/033** (2013.01 - US); **D10B 2501/02** (2013.01 - US)

Citation (search report)

See references of WO 2021124067A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021124067 A1 20210624; CN 114846184 A 20220802; EP 4077784 A1 20221026; IT 201900024108 A1 20210616; KR 20220111697 A 20220809; MX 2022007252 A 20220923; US 2023056303 A1 20230223

DOCDB simple family (application)

IB 2020061885 W 20201214; CN 202080087714 A 20201214; EP 20838292 A 20201214; IT 201900024108 A 20191216; KR 20227023601 A 20201214; MX 2022007252 A 20201214; US 202017785724 A 20201214