

Title (en)

KNITTED FABRIC AND METHOD FOR JOINING KNITTED FABRIC

Title (de)

MASCHENWARE UND VERFAHREN ZUM VERBINDEN VON MASCHENWARE

Title (fr)

TRICOT ET PROCÉDÉ DE LIAISON DE TRICOT

Publication

**EP 3330420 A4 20190403 (EN)**

Application

**EP 16830263 A 20160707**

Priority

- JP 2015151242 A 20150730
- JP 2016070193 W 20160707

Abstract (en)

[origin: EP3330420A1] Provided is a knitted fabric in which a first knitted fabric portion and a second knitted fabric portion that overlap each other in the thickness direction are joined to each other so as to be easily rotated about a joint position of the two knitted fabric portions, which serves as a rotation axis. The knitted fabric includes: a passage location (7) at which stitches (4a to 4d) of the n-th knitting course (4A) of the second knitted fabric portion (4) are passed through gaps between stitches in the first knitted fabric portion (2) from one surface side to the other surface side, so that the up and down positions in the thickness direction of the first knitted fabric portion (2) and the second knitted fabric portion (4) are reversed with respect to each other. Furthermore, a terminal portion (4y) of the second knitted fabric portion (4) is subjected to an unravel treatment in the vicinity of the passage location at which the second knitted fabric portion (4) is passed through the first knitted fabric portion (2), so that the first knitted fabric portion (2) and the second knitted fabric portion (4) are joined to each other at the passage location (7). Here, the gaps are each surrounded by two adjacent stitches (2a and 2b through 2d and 2e) in the m-th knitting course (2A) of the first knitted fabric portion (2), a sinker loop that connects the adjacent stitches, and a sinker loop in the (m+1)-th knitting course (2B).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [XA] US 3785178 A 19740115 - MACHACEK F, et al
- [A] EP 2460919 A2 20120606 - SHIMA SEIKI MFG [JP]
- [A] US 6205822 B1 20010327 - ROELL FRIEDRICH [DE]
- [A] US 8973410 B1 20150310 - PODHAJNY DANIEL A [US]
- See references of WO 2017018158A1

Cited by

DE102017223743A1; US11035060B2; US11866860B2

Designated contracting state (EPC)

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**EP 3330420 A1 20180606**; **EP 3330420 A4 20190403**; CN 108350629 A 20180731; CN 108350629 B 20191022; JP 6404477 B2 20181010; JP WO2017018158 A1 20171228; KR 101934279 B1 20190102; KR 20180022980 A 20180306; TW 201712177 A 20170401; US 2018199668 A1 20180719; WO 2017018158 A1 20170202

DOCDB simple family (application)

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