

Title (en)

Tubular knitted fabric having a three-dimensional silhouette shape and method of knitting the same.

Title (de)

Schlauchartig gestrickter Stoff mit dreidimensionaler Form und Verfahren zum Stricken von diesem Stoff.

Title (fr)

Tricot tubulaire à forme tridimensionnelle et procédé de tricotage.

Publication

EP 0522778 A1 19930113 (EN)

Application

EP 92306056 A 19920630

Priority

JP 19265291 A 19910705

Abstract (en)

A method of knitting a tubular knitted fabric of three-dimensional silhouette shape includes knitting a tubular fabric, which consists of a front half and a back half joined at side ends to each other, with the use of a flat knitting machine having four, upper front, lower front, upper rear, and lower rear, needle beds (BU,BD,FD,FU). The number of wales at one of the two, front and back, halves of the tubular fabric is increased or decreased so that a difference in the wale number is given between the two halves. During the transfer of loops of yarn from one needle bed which carries a more number of wales to another needle bed which carries a less number of wales, the yarn is tucked on an unoccupied knitting needle of the needle bed disposed opposite to the needle bed to which the loops are transferred. During the knitting of a portion containing the loops to be transferred, the yarn is threaded through knitting needles of the needle bed which carry no loops. The loops are transferred by knocking over across the tucked loop on the unoccupied knitting needle. <IMAGE>

IPC 1-7

D04B 1/24

IPC 8 full level

D04B 1/06 (2006.01); **D04B 1/24** (2006.01); **D04B 7/00** (2006.01); **D04B 7/10** (2006.01); **D04B 7/32** (2006.01)

CPC (source: EP KR)

D04B 1/102 (2013.01 - EP); **D04B 1/24** (2013.01 - EP); **D04B 7/10** (2013.01 - KR)

Citation (search report)

- [A] GB 2228750 A 19900905 - SHIMA SEIKI MFG [JP]
- [A] US 3668898 A 19720613 - BETTS MAX WILLIAM, et al
- [A] GB 1343110 A 19740110 - COURTAULDS LTD
- [AP] DE 4107316 C1 19920527

Cited by

EP2881507A1; CN104695122A; DE19653315A1; FR2806102A1; EP0867547A3; US6564588B1; EP1055754A3; US6318131B1; EP1074648A3; EP1074649A3; EP1074650A3; EP1111109A3; WO0028121A1; US11952686B2; US11959205B2; WO0166842A1; EP3572570B1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0522778 A1 19930113; **EP 0522778 B1 19970813**; CN 1045114 C 19990915; CN 1069785 A 19930310; DE 69221557 D1 19970918; DE 69221557 T2 19971218; ES 2106832 T3 19971116; JP H059851 A 19930119; JP H0781228 B2 19950830; KR 100205192 B1 19990701; KR 930002572 A 19930223

DOCDB simple family (application)

EP 92306056 A 19920630; CN 92108822 A 19920705; DE 69221557 T 19920630; ES 92306056 T 19920630; JP 19265291 A 19910705; KR 920011514 A 19920630