

Title (en)

Procedure for forming a pantyhose product with continuous processing motion on knitting machines with two needle beds, knitting machine employing said procedure, and pantyhose products made with said procedure.

Title (de)

Verfahren zur Herstellung einer Strumpfhose in kontinuierlicher Bewegung auf einer Strickmaschine mit zwei Nadelbetten, Strickmaschine zum Durchführen dieses Verfahrens und nach diesem Verfahren erhaltene Strumpfhose.

Title (fr)

Procédé de fabrication d'un collant à mouvement continu sur des métiers à tricoter à deux fontures, métier à tricoter pour la mise en oeuvre de ce procédé et collant obtenu selon ce procédé.

Publication

EP 0083320 A1 19830706 (EN)

Application

EP 82830288 A 19821126

Priority

IT 8351581 A 19811224

Abstract (en)

This invention concerns a procedure for forming a pantyhose product (50) with a continuous processing motion on knitting machines with two needle beds and with at least two feeds, one for each needle bed, said procedure envisaging the formation of two knitted tubes (57A-57B), one within the other, on two needle beds, whereby the two tubular fabrics are connected together along a lengthwise connecting zone (52) having a length which corresponds substantially to the panty portion (51) of the product (50), and a lengthwise separating cut is made substantially on the centre line of said connecting zone (52), and whereby said procedure envisages that, so as to form the zone (52) connecting the two knitted tubes (57A-57B) with at least one feed (56), the yarn (55) is knitted by a given portion of needles (54) selected at substantially regular intervals on one needle bed (A) and also by some needles (154) of the opposed needle bed (B), and whereby said selected needles (54) pass with their own hooks at the same level as the respective sinkers so as not to take the yarn, whereas the corresponding needles (154) of the opposed needle bed which are aligned with said needles (54) are set to work and knit the yarn with the stitch of the tubular fabric processed by said needles (54) and thus form a connecting bridge (59), said selection being performed in such a way that said needles (54) pass in one course at the same level as the sinkers without taking the yarn but take the yarn in the next course and make stitches. This invention also concerns a machine with opposed needle beds to carry out said procedure and also concerns the pantyhose product thus obtained.

IPC 1-7

D04B 1/24

IPC 8 full level

A41B 11/14 (2006.01); **D04B 1/24** (2006.01); **D04B 9/46** (2006.01)

CPC (source: EP)

D04B 1/243 (2013.01); **D04B 9/10** (2013.01)

Citation (search report)

- [AD] US 3975924 A 19760824 - FURIA EDOARDO
- [A] US 3985003 A 19761012 - REED ALFRED J
- [A] FR 2400854 A1 19790323 - ALAMANCE IND INC [US]

Cited by

WO2012123976A1; ITFI20110039A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0083320 A1 19830706; EP 0083320 B1 19860611; AT E20362 T1 19860615; CA 1206013 A 19860617; DD 210314 A1 19840606; DE 3271690 D1 19860717; GR 77802 B 19840925; IL 67519 A0 19830515; IL 67519 A 19850731; IT 1212492 B 19891122; IT 8183515 A0 19811224; JP S58115152 A 19830708; JP S6214664 B2 19870403; PL 137735 B1 19860731; PL 239684 A1 19840326

DOCDB simple family (application)

EP 82830288 A 19821126; AT 82830288 T 19821126; CA 417192 A 19821207; DD 24640882 A 19821222; DE 3271690 T 19821126; GR 820169908 A 19821125; IL 6751982 A 19821220; IT 8351581 A 19811224; JP 22407082 A 19821222; PL 23968482 A 19821222