

Title (en)

Method for manufacturing a spacer knitwear and a spacer knitwear thus obtained

Title (de)

Verfahren zur Herstellung einer Abstandswirkware sowie danach hergestellte Abstandswirkware

Title (fr)

Procédé pour la fabrication d'un tricot entretoise et tricot entretoise ainsi obtenu

Publication

EP 0748889 B1 20011219 (DE)

Application

EP 96109291 A 19960611

Priority

DE 19521443 A 19950616

Abstract (en)

[origin: EP0748889A2] To produce a spacer knit-goods, with variable local levels between facing ground fabrics, the material is produced on a warp knitter and especially a double rib knit Raschel, using two equidistant non-contoured needle bars. The neighbouring fabric sections (A-C) are assembled with the pile yarn segment (PA,PB,PC) lengths either equal to or greater than the gap between the needle bars. In adjacent fabric sections (A-C) with pile segments (PA,PB,PC) of different lengths, the ground fabric sections (G1A,G1B,G1C;G2A,G2B,G2C) hang directly together on one side of the needle bar as a closed material, and they do not hang directly together on the other side of the needle bar as an open fabric. Also claimed is a spacer knitted material with at least one pile catch yarn worked at the transits between ground fabric sections (G1A,G1B,G1C;G2A,G2B,G2C) with different pile segment lengths, at the edge of the open ground fabric side. It is bonded into the ground fabric (G1,G2) of the sections (A-C) with the shorter pile yarn segments (PA,PB,PC) at a gap in each of at least one row of stitches. At least one pile yarn segment (PA,PB,PC) is between the bonding points, from at least one row of stitches of the sections (A-C) with the longer pile yarn segments (PA,PB,PC), looped round.

IPC 1-7

D04B 21/00

IPC 8 full level

D04B 21/00 (2006.01)

CPC (source: EP)

D04B 21/20 (2013.01); **D10B 2403/0221** (2013.01)

Cited by

FR2820763A1; US7238632B2; DE102006009923B4; DE102006009923A1; DE102006024485B4; US2011311755A1; US8343609B2; DE102007018227A1; DE102007035878A1; WO02064870A1; US10167635B2; US11008756B2; US10435859B2; US10870964B2; US9187902B2; US9567750B2; DE102010047246A1; US10221569B2; US11098486B2; US11428006B2; US8703266B2; US9486974B2; US10738417B2; US11525210B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0748889 A2 19961218; **EP 0748889 A3 19980722**; **EP 0748889 B1 20011219**; DE 19521443 A1 19961219; DE 19521443 C2 20010419; DE 59608477 D1 20020131

DOCDB simple family (application)

EP 96109291 A 19960611; DE 19521443 A 19950616; DE 59608477 T 19960611