

Title (en)

DOUBLE-SIDED FABRIC STACKED WITH CONTINUOUS LINEAR MATERIAL IN PREDETERMINED STITCHING SECTION

Title (de)

DOPPELSEITIGES GEWEBE MIT GESTAPELTEM KONTINUIERLICHEM LINEAREM MATERIAL IN VORBESTIMMTEM STRICKABSCHNITT

Title (fr)

TISSU DOUBLE FACE AVEC UN MATÉRIAU LINÉAIRE CONTINU EMPILÉ DANS UNE SECTION DE TRICOTAGE PRÉDÉTERMINÉE

Publication

EP 3255187 A1 20171213 (EN)

Application

EP 16174021 A 20160610

Priority

EP 16174021 A 20160610

Abstract (en)

A double-sided fabric stacked with a continuous cord material in a predetermined stitching section is provided. The double-sided fabric is stitched from a face yarn (20) by a flat knitting machine including a front needle bed, a back needle bed and a loop presser bed. The front needle bed includes a plurality of front knitting needles (A to E). The back needle bed includes a plurality of back knitting needles (a to f). The loop presser bed is disposed above the front needle bed or the back needle bed, and includes right-directed pressing pieces (aA, bB, cC, dD and eE) and left-directed pressing pieces (Ef, De, Cd, Bc and Ab). The double-sided fabric is further embedded with a continuous cord material (100), which is pressed into the predetermined stitching section by the right-directed pressing pieces (aA, bB, cC, dD and eE) and the left-directed pressing pieces (Ef, De, Cd, Bc and Ab) to become folded and stacked in the predetermined stitching section.

IPC 8 full level

D04B 1/12 (2006.01)

CPC (source: EP)

D04B 1/123 (2013.01); **D10B 2403/02** (2013.01); **D10B 2403/0241** (2013.01)

Citation (applicant)

US 6151922 A 20001128 - SHIMASAKI YOSHINORI [JP]

Citation (search report)

- [X1] GB 1577399 A 19801022 - HEPATEX AG
- [X1] US 2010154256 A1 20100624 - DUA BHUPESH [US]
- [X1] US 2012233882 A1 20120920 - HUFFA BRUCE [US], et al
- [X1] US 3424220 A 19690128 - SCHUERCH HANS U
- [X1] DE 202015101004 U1 20150324 - BÖNNING & SOMMER GMBH & CO KG [DE], et al
- [A] EP 2568067 A2 20130313 - SHIMA SEIKI MFG [JP]

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

DOCDB simple family (publication)

EP 3255187 A1 20171213; EP 3255187 B1 20211208; ES 2902793 T3 20220329

DOCDB simple family (application)

EP 16174021 A 20160610; ES 16174021 T 20160610