

Title (en)
Reversible knitwear presenting weft knitted stitches and method for its manufacture

Title (de)
Umkehrbare Strickware aus Kuliermaschen und Verfahren zu deren Herstellung

Title (fr)
Tricot réversible à mailles cueillies et procédé pour son obtention

Publication
EP 0909847 B1 20020807 (FR)

Application
EP 98420152 A 19980908

Priority
FR 9713135 A 19971015

Abstract (en)
[origin: EP0909847A1] The reversible knitted fabric, with tuck float stitches, uses a pique fabric structure where the rows of stitches are formed by a single needle bed. The knitting cycle gives a succession of plain rows (1,3) where all the needles form stitches, followed by stitch rows (2,4) where the stitches and yarns are alternated. The alternating rows use two yarns (A,B) to be knitted together and their positions are alternated, to give visual effects on both sides of the fabric. In an Independent claim a succession of Jersey rows (1,3) are separated by rows (1,2) where the yarns are fed to one or two needles consecutively. The knitting rhythm is set as a pattern function where certain stitch rows use different yarns (A,B) fed by a yarn change unit to distribute the yarns (A,B) on the same plane, but at a different angle in relation to the fabric plane. The yarns are given a positive feed to their needles through different tensions. Preferred Features: The yarn (A,B) position is inverted at intervals to give one plain row at a pique row, along the same pique row. When giving a small pique fabric structure, the repeat is in four rows, where each row is of stitches with two different yarns. In each pique row, the zones are separated from each other by a set number of Jersey stitches.

IPC 1-7
D04B 1/10

IPC 8 full level
D04B 1/10 (2006.01)

CPC (source: EP)
D04B 1/126 (2013.01); **D04B 15/80** (2013.01); **D10B 2403/0114** (2013.01); **D10B 2505/08** (2013.01)

Cited by
EP2042629A1; CN104404703A; CN105177846A; FR3093118A1; CN113454289A; FR3125302A1; WO2020169916A1; WO2023285488A1

Designated contracting state (EPC)
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EP 0909847 A1 19990421; **EP 0909847 B1 20020807**; AT E221932 T1 20020815; DE 69807023 D1 20020912; DE 69807023 T2 20021212; ES 2179442 T3 20030116; FR 2769641 A1 19990416; FR 2769641 B1 19991126; PT 909847 E 20021231

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