

Title (en)
RIB FABRIC AND ITS KNITTING METHOD

Title (de)
RIPPWARE UND DAZUGEHÖRIGES STRICK- UND KULIERWIRKVERFAHREN

Title (fr)
TRICOT A COTES ET PROCEDE D'ELABORATION

Publication
EP 1947224 A4 20130703 (EN)

Application
EP 06782629 A 20060810

Priority
• JP 2006315835 W 20060810
• JP 2005241132 A 20050823

Abstract (en)
[origin: EP1947224A1] Adjacent knit and purl stitches are transferred by rib knitting, an inlay yarn is then inserted and transferred again before the original stitch arrangement is returned. A rib fabric where the inlay yarn is inserted into each course is obtained by repeating the process. The inlay yarn passes on the outside of rib stitch and passes through the fabric between adjacent knit and purl stitches. When the stitches not transferred through the rib stitch are increased, friction is reduced between the inlay yarn and the rib stitch and stretchability of the fabric is enhanced. Since friction is large between the inlay yarn and the rib stitch, the inlay yarn does not appear even if the fabric is stretched and stretch of rib texture is limited. The inlay yarn appears on the front and rear of the fabric and a design feature is improved when a yarn having appearance different from that of ground yarn is employed.

IPC 8 full level
D04B 1/00 (2006.01)

CPC (source: EP)
D04B 1/123 (2013.01)

Citation (search report)
• [X] GB 393394 A 19330608 - CHARLES CLUTSOM
• [X] US 5765400 A 19980616 - ROELL FRIEDRICH [DE]
• [X] DE 705541 C 19410502 - RICHARD WENZEL
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CN111350015A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1947224 A1 20080723; EP 1947224 A4 20130703; EP 1947224 B1 20160921; CN 101248228 A 20080820; CN 101248228 B 20110323; JP 4848372 B2 201111228; JP WO2007023690 A1 20090226; WO 2007023690 A1 20070301

DOCDB simple family (application)
EP 06782629 A 20060810; CN 200680030952 A 20060810; JP 2006315835 W 20060810; JP 2007532061 A 20060810