

Title (en)
SET-UP METHOD

Title (de)
EINRICHTUNGSVERFAHREN

Title (fr)
PROCÉDÉ D'INSTALLATION

Publication
EP 3037576 A1 20160629 (EN)

Application
EP 15202451 A 20151223

Priority
JP 2014261802 A 20141225

Abstract (en)

A first set-up portion (7) in the lower part of one knitted fabric (4) and a second set-up portion (6) in the lower part of another knitted fabric (2) are set up by a flat knitting machine that includes at least a pair of front and back needle beds (F, B) and a plurality of set-up needles (20). A first row of hooked stitches (10) and a second row of hooked stitches (12) that serve as rows of hooked stitches of the first set-up portion (7) are first knitted, and then a third row of hooked stitches (14) and a fourth row of hooked stitches (16) that serve as rows of hooked stitches of the second set-up portion (6) are knitted. A set-up yarn of the first row of hooked stitches (10) and the set-up yarn of the second row of hooked stitches (12) are intersected with each other between the front and back needle beds (F, B), and the set-up yarn of the third row of hooked stitches (14) and the set-up yarn of the fourth row of hooked stitches (16) are intersected with each other between the front and back needle beds (F, B). Thereafter, the intersections between the set-up yarn of the first row of hooked stitches (10) and the set-up yarn of the second row of hooked stitches (12) are held by the set-up needles (20) and the intersections between the set-up yarn of the third row of hooked stitches (14) and the set-up yarn of the fourth row of hooked stitches (16) are held by the set-up needles (20). Furthermore, hooked stitches of the third row of hooked stitches (14) and the fourth row of hooked stitches (16) that are positioned on one needle bed (B) are removed from this needle bed (B), and the remaining hooked stitches that are positioned on the other needle bed (F) are maintained, and hooked stitches of the first row of hooked stitches (10) and the second row of hooked stitches (12) that are positioned on the other needle bed (F) are removed from this needle bed (F) and the remaining hooked stitches that are positioned on the one needle bed (B) are maintained. Thereafter, stitches of the first set-up portion (7) are knitted on the hooked stitches of the first row of hooked stitches (10) and the second row of hooked stitches (12) that are positioned on the one needle bed (B), and stitches of the second set-up portion (6) are knitted on the hooked stitches of the third row of hooked stitches (14) and the fourth row of hooked stitches (16) that are positioned on the other needle bed (F). The front and back knitted fabrics are pulled down independently at the time of setting up.

IPC 8 full level
D04B 1/10 (2006.01)

CPC (source: CN EP)
D04B 1/00 (2013.01 - CN); **D04B 1/106** (2013.01 - EP); **D04B 7/22** (2013.01 - EP); **D04B 15/00** (2013.01 - CN); **D04B 15/90** (2013.01 - EP)

Citation (applicant)
• JP H0377298 B2 19911210
• JP 3377700 B2 20030217

Citation (search report)
• [A] US 5097684 A 19920324 - SHIMA MASAHIRO [JP]
• [A] WO 2009139042 A1 20091119 - MATSUYA IND LTD [JP], et al
• [A] EP 0979892 A2 20000216 - TSUDAKOMA IND CO LTD [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 3037576 A1 20160629; **EP 3037576 B1 20170517**; CN 105734794 A 20160706; CN 105734794 B 20170926; JP 2016121419 A 20160707; JP 6139500 B2 20170531; KR 101735359 B1 20170515; KR 20160078892 A 20160705

DOCDB simple family (application)
EP 15202451 A 20151223; CN 201510996589 A 20151225; JP 2014261802 A 20141225; KR 20150183514 A 20151222