

Title (en)

METHOD OF CONSTRUCTING DOUBLE FLEEC KNIT FABRIC USING CIRCULAR KNITTING MACHINE

Publication

EP 0387094 A3 19920325 (EN)

Application

EP 90302555 A 19900309

Priority

JP 5827689 A 19890310

Abstract (en)

[origin: EP0387094A2] A method for constructing a double fleece knit fabric using a circular knitting machine is disclosed. Lay-in, tie-in and knit-in yarns (57, 58 and 59) are fed at respective first, second and third yarn feeders (60, 61 and 62) to the needle. The lay-in and tie-in yarns (57, 58) are caught by the outward, oblique and upward recession of the sinker. The knit-in yarn (59) is fed to the needle (2) and when received onto the upper edge (8g) of the second nose (8e) is drawn down onto the upper edge (8f) of the first nose (8d) of the sinker (8) when the needle (2) is lowered. The needle (2) is lowered to a stitch loop forming position while the sinker (8) is receded from the innermost lower position to the outermost upward position so that the knit-in yarn (59) falls onto the stitch forming ledge (8a) and the respective lengths of the tie-in yarn (58) and knit-in yarn (59) in the needle hook are drawn downward with the older tie-in and knit-in loops being cleared from the needle (2) so as to form a new tie-in loop and knit-in loop over the stitch forming ledge (8a).

IPC 1-7

D04B 9/00

IPC 8 full level

D04B 9/02 (2006.01); **D04B 9/12** (2006.01); **D04B 15/06** (2006.01)

CPC (source: EP KR)

D04B 9/12 (2013.01 - EP); **D04B 9/16** (2013.01 - KR); **D04B 15/06** (2013.01 - EP)

Citation (search report)

- [A] DE 2318196 A1 19740822 - ORIZIO SPA PAOLO
- [A] US 3937037 A 19760210 - MOODY ROBERT J
- [A] DE 1585318 C
- [A] DE 3402660 A1 19840816 - PRECISION FUKUHARA WORKS LTD [JP]

Cited by

CN100383305C; EP0531789A1; US5279133A

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0387094 A2 19900912; **EP 0387094 A3 19920325**; **EP 0387094 B1 19950906**; DE 69022083 D1 19951012; DE 69022083 T2 19960307; ES 2076304 T3 19951101; JP 2736384 B2 19980402; JP H02242952 A 19900927; KR 900014665 A 19901024; KR 960010624 B1 19960806

DOCDB simple family (application)

EP 90302555 A 19900309; DE 69022083 T 19900309; ES 90302555 T 19900309; JP 5827689 A 19890310; KR 900001676 A 19900212