

Title (en)

FABRIC KNITTING METHOD AND WEFT KNITTING MACHINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER MASCHENWARE SOWIE FLACHSTRICKMASCHINE

Title (fr)

PROCEDE DE TRICOTAGE DE TISSU ET METIER A MAILLES CUEILLIES

Publication

**EP 2186933 A1 20100519 (EN)**

Application

**EP 08790231 A 20080718**

Priority

- JP 2008001929 W 20080718
- JP 2007197930 A 20070730

Abstract (en)

Provided are a method of knitting a knitted fabric and a flat knitting machine capable of preventing a decorative portion of a fancy yarn from being caught at a slider of a compound needle. The flat knitting machine includes a plurality of compound needles 10, each including a needle main body 11 and a slider 12; a needle bed 1F in which the compound needles 10 are arranged in a line; and a yarn feeding member 3 for feeding a fancy yarn Y to a needle bed gap portion 2 of the needle bed by reciprocating in a longitudinal direction of the needle bed; wherein the operation of hooking the fancy yarn Y fed to the needle bed gap portion 2 to a hook 11A, and pulling the needle main body into the needle bed 1F is performed. The flat knitting machine includes an air nozzle 4 for pushing the decorative portion in a direction of separating from the slider 12 by injecting air at an elevation of higher than or equal to horizontal so that the decorative portion projecting out at the outer periphery of the fed fancy yarn Y is not caught at the slider 12 when the needle main body is pulled into the needle bed 1F, and a nozzle movement mechanism (carriage 5) for reciprocating the air nozzle 4 along the longitudinal direction of the needle bed.

IPC 8 full level

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CPC (source: EP)

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