

Title (en)
WEFT KNITTING MACHINE CAPABLE OF CHANGING YARN POSITIONS

Title (de)
KULIERWIRKMASCHINE MIT FÄHIGKEIT ZUM ÄNDERN DER GARNPOSITIONEN

Title (fr)
MÉTIER À TRICOTER À MAILLES CUEILLIES CAPABLE DE MODIFIER LES POSITIONS DE FIL

Publication
EP 3770312 A1 20210127 (EN)

Application
EP 19187868 A 20190723

Priority
EP 19187868 A 20190723

Abstract (en)
A weft knitting machine knitting structure (10) capable of changing yarn positions is provided. A facing yarn (30) and a bottom yarn (31) positioned below the facing yarn (30) are fed during knitting, the weft knitting machine knitting structure (10) comprises a plurality of sinkers (11) and a plurality of needles (12), the plurality of needles (12) are respectively arranged adjacent to one of the plurality of sinkers (11), and each of the plurality of sinkers (11) is guided to perform a linear displacement movement (116). Each of the plurality of needles (12) is provided with a hook (121) and a latch (122) for performing a closing action relative to the hook (121). The machine comprises two needle tracks wherein one needle in the first needle track performs a normal plating and a needle in the second needle track performs an interchanged plating. A needle in the second needle track is closed before a needle in the first needle track.

IPC 8 full level
D04B 7/26 (2006.01); **D04B 9/34** (2006.01); **D04B 15/06** (2006.01)

CPC (source: EP)
D04B 9/34 (2013.01); **D04B 15/06** (2013.01)

Citation (applicant)
• US 1666794 A 19280417
• US 1950405 A 19340313 - HAROLD HOLMES HENRY, et al
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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

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