

Title (en)
WARP KNITTING MACHINE, SLIDING-TONGUE NEEDLE ASSEMBLY AND METHOD FOR PRODUCING AN ELASTIC WARP KNIT FABRIC

Title (de)
KETTENWIRKMASCHINE, SCHIEBERNADELANORDNUNG UND VERFAHREN ZUM HERSTELLEN EINER ELASTISCHEN WIRKWARE

Title (fr)
MÉTIER À TRICOTER CHAÎNE, SYSTÈME D'AIGUILLE À COULISSE ET PROCÉDÉ DE FABRICATION D'UNE ÉTOFFE TRICOTÉE ÉLASTIQUE

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Abstract (en)
[origin: CN113862896A] The invention relates to a warp knitting machine having a plurality of composite needle assemblies, each of which has a needle core (11) and a composite needle (3) having a needle head (8) and a needle shaft (10). The warp knitting machine has a maximum composite needle lift of 10 mm. The purpose of the present invention is to achieve high productivity of a warp knitting machine with high quality of knitted fabric. For this purpose, the needle shaft (10) has, at least at the end (15) of the sliding region in which the coil is located at the end of the composite needle lift movement, a circumference which is at least as large as the overall maximum circumference of the needle head (8) parallel thereto and of the needle core (11) in the closed position.

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- DE 2919344 A1 19800313 - WIRKMASCHINENBAU KARL MARX VEB

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