

Title (en)

WARP KNITTING NEEDLE AND METHOD FOR PRODUCING A WARP KNITTED NET

Title (de)

WIRKNADEL UND VERFAHREN ZUR HERSTELLUNG EINES NETZGEWIRKS

Title (fr)

AIGUILLE À TRICOTER POUR MÉTIER À TRICOTER À CHAÎNE ET PROCÉDÉ DE FABRICATION D'UN FILET EN MAILLE

Publication

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Application

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Priority

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Abstract (en)

[origin: CN112575441A] The invention relates to a warp knitting needle (1) for a warp knitting machine, comprising a stem (3) and a needle hook (2) forming a capture space (4) for capturing warp threads, the needle hook (2) having a main stem (5) adjoining the stem (3), a transition (6) adjoining the main stem (5) and an end (7) adjoining the transition (6). A first interface between the stem (3) and the main stem (5) of the needle hook (2) is located in a first plane (8), a second interface between the main stem (5) of the needle hook (2) and the transition portion (6) of the needle hook (2) is located in a second plane (9), and a third interface between the transition portion (6) of the needle hook (2) and the end (7) of the needle hook (2) is located in the second plane (9). The first plane (8) is oriented perpendicular to the longitudinal axis (10) of the knitting needle (1) and is tangential to the end (7), and the second plane (9) is oriented perpendicular to the longitudinal axis (10) of the knitting needle (1) and is tangential to a contour curve (11) which passes between the catch space (4) and the needle hook (2) in a cross-sectional view of the knitting needle (1).

IPC 8 full level

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