

Title (en)
SLIDING-TONGUE NEEDLE

Title (de)
SCHIEBERNADEL

Title (fr)
AGUILLE À COULISSE

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Application
EP 14725465 A 20140521

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Abstract (en)
[origin: WO2014187872A1] The invention relates to a slide needle (20), comprising a needle body (21), which has a needle hook (24). The needle hook has two lateral hook surfaces (28) arranged at a distance from each other in a transverse direction (Q). A slide (30) is movably arranged on the needle body. The slide (30) has no contact with the needle hook (24) in an initial position (I). The slide (30) lies against the needle hook (24) in a stitch knock-over position (II). The slide (30) has two slide blades (31). The slide blades have a stitch bearing surface (33) for accommodating at least one stitch (45). A hook hole (40) open toward the hook tip (25) is present on a free blade end (32) of the slide blades. Inner hole surfaces (41) are arranged at a distance from each other in a transverse direction (Q) and thereby form the hook hole (40). In the stitch knock-over position (II), each inner hole surface (41) lies against an associated lateral hook surface (28) of the needle hook (24) at a contact point (42). A gap is formed (43) adjacent to the contact point (42) in a height direction (H). The gap (43) has a gap width (BS) in the transverse direction (Q) that increases with distance from the contact point (42) in the height direction (H). Thus, contact with contact area between the slide (30) and the needle hook (24) that is smaller in the height direction (H) is achieved in the stitch knock-over position (II).

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