

Title (en)
SEWING MACHINE WITH NEEDLE FEED

Publication
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Application
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Priority
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Abstract (en)
[origin: WO8910993A1] In known sewing machines in which the needle feed and sliding gear wheel are driven by stepping motors, the needle feed cannot be stopped. In the new design, the needle feed (n1, n2, n3, n4) is stopped by means of a switching arrangement so that the oscillation of the needle (13) in the direction of feed is stopped (point M), the distance (r2) by which the sliding gear wheel is advanced during the insertion phase (n1) of the needle is eliminated, and the distance (r3, r4, r1) by which the sliding gear wheel is advanced during the retracted phase (n3) of the needle is increased by the eliminated distance.

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