

Title (en)

TEXTILE MACHINE AND METHOD FOR AUTOMATICALLY PIECING A THREAD AT A WORKING UNIT OF A TEXTILE MACHINE

Title (de)

VERFAHREN ZUM AUTOMATISCHEN ANSETZEN EINES FADENS AN EINER ARBEITSSTELLE EINER TEXTILMASCHINE SOWIE TEXTILMASCHINE

Title (fr)

PROCÉDÉ DE RATTACHAGE AUTOMATIQUE D'UN FIL SUR UN POSTE DE TRAVAIL D'UNE MACHINE TEXTILE AINSI QUE MACHINE TEXTILE

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Application

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Abstract (en)

[origin: CN109881317A] The invention discloses a method for automatically applying a thread (4) to a works station (2) of a textile machine (1). In the method, a nozzle (10) sucks an end (4a) of the thread (4) on a surface of a bobbin (7); the thread (4) is released and sucked into the nozzle (10) from the bobbin (7) in the opposite direction to the normal drawing direction (AR); the bobbin (7) is reversely (RR) rotated by a driving device (8); a thread loop (4b) formed by tensioning the thread (4) through the delivery action of a thread feeding member (9) is transmitted to a connection member (12); the bobbin (7) is also driven in the reverse direction (RR) during the tensioning of the thread loop (4b); and the thread (4) is loosened from the bobbin (7) and the reversal speed of the bobbin (7) is adjusted according to the delivery action of the thread feeding member (9). The invention also discloses a textile machine (1) with at least one station (2) comprising: a nozzle (10) for finding an end (4a) of a thread (4) from the surface of a bobbin (7) and sucks the thread (4); a driving device (8) that drives the bobbin (7) such that the thread (4) is released from the bobbin (7) in a direction opposite to the normal drawing direction (AR); a connection member (12) which automatically completes connection of the thread (4); a thread feeding member (9) which tensions the thread (4) to form a thread loop (4b) and transmits the thread loop (4b) to the connection member (12); and a controller (15), wherein the driving device (8) drives the bobbin (7) accordingly.

IPC 8 full level

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