

Title (en)

RING SPINNING MACHINE COMPRISING A LAPPET TILTING APPARATUS AND AN AUTOMATIC YARN PIECING ASSEMBLY

Title (de)

RINGSPINNMASCHINE MIT EINER AUTOMATISCHEN FADENANSPINNANORDNUNG UND EINER KIPPVORRICHTUNG FÜR EINE FADENFÜHRUNG FÜR DIE AUTOMATISCHE FADENANSPINNANORDNUNG

Title (fr)

MÉTIER À FILER À ANNEAU COMPRENANT UN ENSEMBLE DE RATTACHAGE AUTOMATIQUE DE FIL ET UN APPAREIL D'INCLINAISON DE GUIDE-FIL

Publication

**EP 3748054 B1 20230222 (EN)**

Application

**EP 20177969 A 20200603**

Priority

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Abstract (en)

[origin: EP3748054A1] The automatic yarn piecing assembly (8), according to the present invention comprises a yarn pickup module (9) mounted on a vertical column and being capable of sliding in vertical and horizontal direction. A suction bell unit is mounted on the yarn pickup module (9). The suction bell unit includes an elbow tubular arrangement (10) that has a first end and a second end, wherein the first end is connected to a vacuum source, and the second end has a suction bell (11). The automatic yarn piecing assembly (8) comprises a lappet tilting apparatus (12) provided on the second end of the elbow tubular arrangement (10) such that said lappet tilting apparatus (12) encircles the suction bell (11) and capable of sliding over the elbow tubular arrangement (10). The lappet tilting apparatus (12) makes impermanent slippery contact with a lappet hook (5) during tail yarn (3) pickup in a piecing operation.

IPC 8 full level

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