

Title (en)

DEVICE AND METHOD FOR TREATING FILAMENT YARN AND FANCY KNOTTED, MIGRATED, AND FALSE-TWIST YARN

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DAS BEHANDELN VON FILAMENTGARN SOWIE KNOTEN-, MIGRIERTES UND FALSCHGEDRALLTES GARN

Title (fr)

DISPOSITIF ET PROCEDE POUR TRAITER UN FIL CONTINU ET FIL NOUEUX, FIL MIGRE ET FIL A FAUSSE TORSION

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Application

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Abstract (en)

[origin: WO2006002562A1] The invention relates to a device for treating filament yarn by means of air nozzles comprising at least two injector/cover plates that can be clamped together, and at least one air supply channel. Said injector/cover plates form a yarn treatment chamber in the assembled state. According to the invention, the yarn treatment chamber is formed between the injector/cover plates that can be clamped together, in the longitudinal direction of the plates, and the air nozzle is embodied as an open nozzle comprising a threading slit and an individual air supply channel for the yarn channel in the injector/cover plates. The invention has two decisive advantages. The shape of the injector/cover plates is limited to the inherent core functions, namely a yarn channel formed in the plates, the threading slit, and the individual air supply channel for the yarn channel in the plate. The miniaturisation of the injector/cover plates significantly simplifies the production problems.

IPC 8 full level

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