

Title (en)

METHOD FOR FALSE TWISTING FILAMENT YARN AND A FALSE TWIST NOZZLE CONSISTING OF SEVERAL COMPONENTS

Title (de)

VERFAHREN ZUR FALSCHDRALLUNG VON FILAMENTGARN SOWIE MEHRTEILIGE FALSCHDRALLDÜSE

Title (fr)

PROCEDE DE FAUSSE TORSION DE FIL CONTINU, ET BUSE FAUSSE-TORSION EN PLUSIEURS PARTIES

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Application

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Abstract (en)

[origin: WO0155488A2] The invention relates to false twist nozzles by means of which one or more threads are impinged upon with an intensive twisting flow. At least one part of the conventional mechanic false twist producing devices can be replaced by optimising the air channels by means of a powerful twisting flow. A twist insertion plate is the new central element. A false twist nozzle is provided with at least one plate as the twist insertion plate having a continuous yarn channel component and a tangential channel and at least one element having an air supply device that extends in parallel in relation to the axis of the yarn channel, corresponds to the twist insertion plate and flows into the acceleration channel. The inventive solution enables a plurality of embodiments for a single thread or yarn sheet treatment. S and Z twist can be freely combined. The false twist nozzles can be used as subassemblies block by block or individually.

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