

Title (en)

INTERLACING JET FOR PRODUCING YARNS WITH NODES AND METHOD FOR INTERLACING YARN

Title (de)

VERWIRBELUNGSDÜSE FÜR DIE HERSTELLUNG VON GARNEN MIT KNOTEN UND VERFAHREN ZUM VERWIRBELN VON GARN

Title (fr)

JET D'ENTRELACEMENT POUR PRODUIRE DES FILS AVEC DES NOEUDS ET PROCÉDÉ D'ENTRELACEMENT DE FIL

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Application

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Abstract (en)

[origin: WO2022034051A1] The invention relates to an interlacing jet (100) for producing yarns with nodes, interlaced yarns, DTY or flat yarns with nodes. The interlacing jet (100) comprises a yarn channel (1) with a air spin chamber (2). The air spin chamber (2) comprises an in-flow opening (4) for introducing air into the air spin chamber (2). A channel axis (M) extends in a thread guiding direction (F). The yarn channel (1) comprises a channel width (21) transverse to the channel axis (M). The air spin chamber (2) comprises a chamber length (29) in the thread guiding direction (F) and a chamber extension (28) transverse to said length. The chamber length (29) is at least 180% of the chamber extension (28), preferably at least 200% of the chamber extension (28), and the chamber length (29) is preferably at least 1.5 mm longer than the chamber extension (28).

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