Title (en)

METHOD FOR PRODUCING A SPUN THREAD

Title (de)

VORRICHTUNG ZUM HERSTELLEN EINES GESPONNENEN FADENS

Title (fr)

DISPOSITIF DE FABRICATION D'UN FIL FILE

Publication

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Application

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Abstract (en)

[origin: WO2004067820A1] The invention relates to a device for producing a spun thread (4) from a composite stack of fibres (2) comprising a pair of delivery rollers (5, 6) and an associated air nozzle. The air nozzle comprises a fibre-conveying channel which contains a fibre guide surface (17) having a deviation edge (23) which is essentially level. Said guide surface extends in an essentially parallel manner on the nip line of the pair of delivery rollers and ends in a turbulence chamber which is disposed below the thread conveyor channel (9) in the region of an inlet opening of a thread delivery channel (14) comprising a fibre delivery edge (16) acting as a twist stop. Said edge becomes progressively smaller due to the effect of the lateral limiting walls (24, 25) of the fibre conveyor channel (9). The width thereof is at its smallest on a deviation edge which is arranged upstream from the fibre delivery edge.

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D01H 1/115; D01H 4/02

IPC 8 full level

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