

Title (en)

YARN FORMING ELEMENT FOR A PRE-SPINNING MACHINE AND PRE-SPINNING MACHINE EQUIPPED THEREWITH

Title (de)

GARNBILDUNGSELEMENT FÜR EINE VORSPINNMASCHINE SOWIE DAMIT AUSGERÜSTETE VORSPINNMASCHINE

Title (fr)

ÉLÉMENT DE FORMATION DE FIL POUR UNE MACHINE DE PRÉ-FILAGE ET MACHINE DE PRÉ-FILAGE ÉQUIPÉE DE CET ÉLÉMENT

Publication

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Application

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Abstract (en)

[origin: WO2017203376A1] The invention relates to a twine forming element (17) for a pre-spinning machine, by means of which roving (2) can be produced from a fiber strand (1) using compressed air, wherein the twine forming element (17) comprises an inlet opening (3) for fibers of the fiber strand (1) and wherein the twine forming element (17) has an outlet (4) for the exit of the roving (2) produced during operation of the pre-spinning machine from the fiber strand (1) in the region of the inlet opening (3) of the twine forming element (17) and has a discharge channel (5) connecting the inlet opening and the outlet (4). According to the invention, the twine forming element (17) comprises an end face (6) which surrounds the inlet opening (3) and which has the shape of a truncated cone (27), at least in sections, wherein the cover area (7) of the truncated cone (27) is arranged between the base area (8) of the truncated cone (27) and the outlet (4) of the twine forming element (17), and wherein the angle (a) between a surface line (28) of the truncated cone (27) and the taper axis (K) thereof has an amount that is less than 90° and greater than 70°. The invention further relates to a pre-spinning machine having a corresponding twine forming element (17).

IPC 8 full level

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