

Title (en)

SUCTION TUBE FOR A CONDENSING DEVICE AND DEVICE FOR PNEUMATICALLY CONDENSING A DRAWN FIBRE COMPOSITE

Title (de)

SAUGROHR FÜR EINE VERDICHTUNGSVORRICHTUNG UND VORRICHTUNG ZUM PNEUMATISCHEN VERDICHTEN EINES VERSTRECKTEN FASERVERBANDES

Title (fr)

TUYAU D'ASPIRATION CONÇU POUR UN DISPOSITIF DE COMPRESSION, ET DISPOSITIF DE COMPRESSION PNEUMATIQUE D'UN RUBAN DE FIBRES ÉTIRÉ

Publication

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Application

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Abstract (en)

[origin: WO2020245268A1] The invention relates to a suction tube for a condensing device in a drawing frame (2) of a spinning machine, comprising a casing, an interior, a suction slot (32), a guide surface for a screen element (18) surrounding the suction slot (32), and an opening for a suction outlet for applying the interior and the suction slot (32) with suction. The suction tube (17) also comprises a sliding surface (31) outside the guide surface for the screen element (18). The sliding surface (31) protrudes at least partially radially over an outer circumference of the casing of the suction tube (17). The invention also relates to a device for pneumatically condensing a drawn fibre composite (8) in a drawing frame (2) of a spinning machine, comprising a corresponding suction tube, an output roller pair (5) consisting of an output upper roller (6) and an output lower roller (7), and a screen element (18). The screen element (18) is at least partially wrapped around the suction tube (17) and a clamping point (K1) is formed by the screen element (18) and the output upper roller (6) or the output lower roller (7) in the region of a guide surface of the screen element (18).

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