

Title (en)
TRANSFER DEVICE, AND METHOD FOR TRANSFERRING ROD-SHAPED ARTICLES FROM A STRAND-FORMING DEVICE TO A DRUM DEVICE

Title (de)
TRANSFERVORRICHTUNG UND VERFAHREN ZUM ÜBERGEBEN STABFÖRMIGER ARTIKEL VON EINER STRANGBILDENDEN VORRICHTUNG AN EINE TROMMELVORRICHTUNG

Title (fr)
DISPOSITIF DE TRANSFERT, ET PROCÉDÉ DE TRANSFERT D'ARTICLES EN FORME DE TIGE À PARTIR D'UN DISPOSITIF DE FORMATION DE BRIN VERS UN DISPOSITIF DE TAMBOUR

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Abstract (en)
[origin: WO2022008220A1] The invention relates to a transfer device (10) constructed and designed to transfer rod-shaped articles (11) of the tobacco-processing industry from a strand-forming device (12) for forming the rod-shaped articles (11), in which the rod-shaped articles (11) are transported in their longitudinal extension in a transport plane E, to a drum device (13) which is located in a straight-ahead position behind the strand-forming device (12) and in which the rod-shaped articles (11) are transported transversely to their longitudinal extension, said transfer device comprising: a stationary frame (14); a transport drum (15) which can be driven in a rotating manner relative to the frame (14) about an axis of rotation D oriented perpendicularly to the transport plane E and which has a receiving position (16) for receiving the rod-shaped articles (11) in the transport plane E from the strand-forming device (12) and a delivery position (17) for delivering the rod-shaped articles (11) from the transport plane E to the drum device (13); a drive (18) for the transport drum (15); and at least one swivelling trough device (19) located on the end face of the transport drum (15), wherein the or each swivelling trough device (19) is constructed and designed to be pivotable relative to the transport drum (15) about an axis S oriented parallel to the axis of rotation D, and has at least one receptacle (20), to which a negative pressure can be applied, for at least one rod-shaped article (11). The transfer device is characterised in that each swivelling trough device (19) comprises a cam lever (21) which is operatively connected to a cam track (22) fastened to the frame (14) in order to exert the pivoting movement about the axis S. The invention also relates to a corresponding method.

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