

Title (en)

METHOD OF FEEDING A PACKER FOR ROD-LIKE ARTICLES OF TOBACCO INDUSTRY AND FEEDING APPARATUS FOR FEEDING A GROUP OF ROD-LIKE ARTICLES TO A PACKER FOR ROD-LIKE ARTICLES

Title (de)

VERFAHREN ZUM ZUFÜHREN VON STABFÖRMIGEN ARTIKEL DER TABAKINDUSTRIE AN EINE VERPACKUNGSMASCHINE UND ZUFÜHRVORRICHTUNG ZUM ZUFÜHREN EINER GRUPPE VON STABFÖRMIGEN ARTIKELN ZU EINER VERPACKUNGSMASCHINE FÜR STABFÖRMIGE ARTIKEL

Title (fr)

PROCÉDÉ D'ALIMENTATION D'UNE MACHINE D'EMBALLAGE POUR ARTICLES EN FORME DE TIGE DE L'INDUSTRIE DU TABAC ET APPAREIL D'ALIMENTATION POUR L'ALIMENTATION D'UN GROUPE D'ARTICLES EN FORME DE TIGE DANS UNE MACHINE D'EMBALLAGE POUR ARTICLES EN FORME DE TIGE

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Abstract (en)

[origin: EP3704959A1] The object of the invention is a method of feeding a packer (1) for rod-like articles of the tobacco industry comprising steps wherein: double-length rod-like articles (3D) are supplied in the form of two mass flows (MF) for two feeding paths 2P, 2P') of a feeding apparatus, whereas in the feeding paths: the mass flow of the double-length rod-like articles is converted into a single-layer mass flow (F3D) of the double-length rod-like articles so that the rod-like articles in the single-layer stream form single-layer groups (KD) of the double-length rod-like articles, the double-length rod-like articles are cut into two individual rod-like articles (3) and the single-layer stream of the double-length rod-like articles is converted into a single-layer stream of the rod-like articles comprising single-layer groups (K) of individual rod-like articles; the stream of individual rod-like articles is conveyed in a forming and transporting apparatus (5, 5'), a two-layer group (G) of rod-like articles is formed of the rod-like articles of the single-layer group of rod-like articles, then in the forming unit (25) of the forming and transporting apparatus the two-layer group of the rod-like articles is transferred from the forming and transporting apparatus to a conveyor (6) of the two-layer groups of rod-like articles, whereas the groups of rod-like articles are transferred from two feeding paths, the group of rod-like articles is transferred from the conveyor of the two-layer groups of rod-like articles to a packer, wherein in the step of conveying the groups of rod-like articles to the conveyor the groups of rod-like articles are buffered in a buffer (5A, 5A', 5B, 5B') of the forming and transporting apparatus so that the distance among the adjacent groups of rod-like articles is varied. The object of the invention is also a feeding apparatus for feeding the groups of rod-like articles to the packer of the rod-like articles.

IPC 8 full level

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