

Title (en)

DEVICE FOR JOINING AXIALLY FLUSH SETS OF CIGARETTES AND FILTER FILLINGS

Title (de)

VORRICHTUNG ZUM VERBINDEN VON AXIAL FLUCHTENDEN ZIGARETTEN- FILTERSTOPFEN- GRUPPEN

Title (fr)

DISPOSITIF POUR ASSEMBLER DES GROUPES DE CIGARETTES ET DE BOUTS FILTRANTS EN ALIGNEMENT AXIAL

Publication

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Application

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Abstract (en)

[origin: US6302113B1] Groups of coaxial plain cigarettes and filter mouthpieces, particularly cigarettes and mouthpieces having elliptical cross-sectional outlines, carry adhesive-coated uniting bands at the time of entry into a channel between the peripheral rolling surface of a rotary drum and the complementary rolling surface of a stationary rolling member. The uniting bands are convoluted around portions of or the entire mouthpieces and around the neighboring portions of the respective cigarette or cigarettes. The inlet of the channel is defined or preceded by a transversely extending stationary group-contacting device having a raised first portion which cooperates with the drum to set the mouthpieces and the cigarettes of successive oncoming groups into simultaneous rolling motion, and such first portion is followed by a second portion having a concave guide surface which ensures predictable entry of successive groups into the rolling channel downstream of the first portion. The one and/or the other rolling surface and/or the guide surface is or can be grooved to ensure a more predictable rolling of groups in the channel.

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