

Title (en)

FOLLOW-UP SEALING EQUIPMENT FOR PACKING BAGS USED IN A FILLING MACHINE

Title (de)

FOLGEABDICHTUNGSVORRICHTUNG ZUR VERPACKUNG VON IN EINER FÜLLMASCHINE VERWENDETEN BEUTELN

Title (fr)

ÉQUIPEMENT DE SCELLAGE ULTÉRIEUR POUR SACHETS D EMBALLAGE DANS UNE MACHINE DE REMPLISSAGE

Publication

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Application

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Abstract (en)

The present invention provides a follow-up sealing equipment for packing bags used in a filling machine comprising a rotary table (1) and a number of clamping components (2) uniformly distributed at the periphery of the rotary table (1); a track (3) is arranged outside the rotary table (1); a sliding seat (5) is slidably installed on the track (3); a number of sealing components corresponding to the clamping components (2) on the rotary table (1) are installed on the sliding seat (5); a positioning component fitted with a pusher dog (9) is arranged on the sliding seat (5); a stopper corresponding to the pusher dog (9) is arranged on the rotary table (1); a proximity switch (11) adjacent to the fore-end of the sliding seat (5) is fixed on the track (3); a first spring (10) is connected between the track (3) and the sliding seat (5). The follow-up sealing equipment for packing bags in a filling machine according to the present invention has a reasonable structure and reliable performance; respective sealing components of the sliding seat may finish the sealing of the packing bags in the course of following the rotation of the rotary table; it is possible for the equipment to avoid the work process of frequent start-stop-start of the rotary table and to ensure that the rotary table may run in a uniform speed stably throughout, so as to greatly improve the productivity of the filling machine; moreover, sealing components of the sliding seat are exactly coordinated with the clamping components of the rotary table respectively during the sealing operation, and hence a good sealing effect may be obtained.

IPC 8 full level

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