

Title (en)
RECEIVING AND CLAMPING DEVICE FOR PACKING BAG IN FILLING MACHINE

Title (de)
AUFNAHME- UND KLEMMVORRICHTUNG FÜR EINEN VERPACKUNGSBEUTEL IN EINER FÜLLMASCHINE

Title (fr)
DISPOSITIF DE RECEPTION ET DE SERRAGE POUR SACHET D'EMBALLAGE DANS UNE MACHINE DE REMPLISSAGE

Publication
EP 2351689 B1 20131002 (EN)

Application
EP 09828591 A 20091029

Priority
• CN 2009074676 W 20091029
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Abstract (en)
[origin: EP2351689A1] A receiving and clamping device for packing bag in filling machine is provided, comprising: a rotary table (1) and a number of clamping components (2) uniformly distributed along the periphery of the rotary table (1); the clamping component (2) comprises a base (2a) and a clamping arm (2b) hinged on the upper end face of the base (2a); a first spring (2d) is biased between the rear-end of the clamping arm (2b) and the rear portion of the base (2a); a stop block (2g) is fixed at the bottom of the clamping arm (2b) and a bump (10) aligning with the stop block (2g) is fixed at the bottom of the rotary table (1); an arc-shaped guide groove (1a) uniformly distributed along the circumferential direction of the rotary table (1) is arranged at the bottom of the rotary table (1) in adjacency to the periphery thereof; a hook (3) is hinged to the base (2a); an axle pin (8) fixed to the hook (3) is protruding into the guide groove (1a); a cylinder (6) and a pusher dog (4) hinged to the piston rod of the cylinder (6) are arranged outside the rotary table (1); the pusher dog (4) is fitted with the hook (3). According to the present invention, the receiving and clamping device for packing bag in filling machine has a reasonable structure and reliable performance; the device can avoid the work process of frequent start-stop-start of the rotary table and ensure that the rotary table may run in a uniform speed stably throughout, so as to greatly improve the productivity of the filling machine.

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Cited by
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