

Title (en)

Improvements in machines for applying bags or sacks to the discharge spouts of bag-filling machines.

Title (de)

Verbesserungen an Maschinen für das Anbringen von Säcken auf Füllmundstücke von Sackfüllmaschinen.

Title (fr)

Améliorations des machines pour appliquer des sacs aux tuyaux de remplissage des machines de remplissage de sacs.

Publication

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Application

EP 78300434 A 19780929

Priority

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Abstract (en)

A machine for applying a bag to the discharge spout (24) of a bag-filling machine (25) comprises a suction pick-up device (6) for lifting the top bag from a stack of flat bags (7) and turning the bag into a vertical position with its mouth disposed along one vertical edge of the bag, and a suction transfer device (26) for engaging the bag held by the pick-up device, swinging the bag from the pick-up device to the discharge spout and, at the same time, opening the bag mouth so that it slips over the spout. The transfer device comprises opposed suction fingers (31) which engage the bag, when held by the pick-up device, adjacent the upper end of its mouth and are pivotally mounted so as to be rockable apart, and opposed auxiliary suction members (34) which are pivoted to arms (33) rockably mounted on the pivot axes of the suction fingers and which engage the bag adjacent the lower end of its mouth. The suction fingers and auxiliary suction members are together rockable apart to open the bag mouth and form the open bag mouth into a particularly satisfactory configuration for facilitating application to the discharge spout (24).

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CPC (source: EP)

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Citation (search report)

- US 2281516 A 19420428 - ROYAL THOMAS M
- FR 1571575 A 19690620
- DE 2642175 A1 19780323 - NAUMANN WILLI

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