

Title (en)

Automatic filling machine for valve bags

Title (de)

Automatische Ventilsack-Füllmaschine

Title (fr)

Machine de remplissage automatique de sacs à valve

Publication

EP 0751067 B1 19981111 (FR)

Application

EP 96110585 A 19960701

Priority

- EP 96110585 A 19960701
- EP 95110221 A 19950630

Abstract (en)

[origin: EP0751067A1] The machine for the automatic filling of folded plastics bags (1), with a liquid bulk product, has a support (2) to hold the stacked and folded bags (1). A carrier mechanism, moving to and fro, has one or more grips (4') at a support (5) which can shift vertically for positioning at the bag support (2) level. Other units (4'') at the support move at the sides to distort the bags (1) while being moved to and fro. The bags (1) are accurately positioned, and grips hold the bags (1), together with a grip at the base by the valve, and pressure is applied to remove any memory of folding in the bag material. The valve is opened and held open, for the liquid to be fed into the bag. The filled bag vol. is controlled by permanent or temporary inflation, to give constant contents in each bag. A system carries the bags between the handling stages. The bags (1) are of low density polyethylene. A surface coating of a fluidised polymer on the support plates, or an air cushion, assists bag movements.

IPC 1-7

B65B 1/00; **B65B 3/17**; **B65B 43/26**

IPC 8 full level

B65B 1/00 (2006.01); **B65B 3/17** (2006.01); **B65B 43/26** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

EP 0751067 A1 19970102; **EP 0751067 B1 19981111**; DE 69600953 D1 19981217; DE 69600953 T2 19990512; DK 0751067 T3 19990726

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