

Title (en)

Transversal sealing device for a vertical bag forming, filling and closing machine

Title (de)

Quernaht-Schweissvorrichtung für eine vertikale Schlauchbeutelmaschine

Title (fr)

Dispositif de scellement transversal pour une machine verticale de fabrication, de remplissage et de fermeture de sacs

Publication

EP 0781707 B1 19991110 (DE)

Application

EP 96120146 A 19961216

Priority

DE 19547860 A 19951221

Abstract (en)

[origin: EP0781707A1] The packaging machine has a vertical feed tube (1) around which the plastics foil (2) is wrapped and sealed into a tube via a longitudinal weld head (5). The bottom of the tube is sealed with a cross weld (6) and the filling is loaded via the feed tube. The filled bag (13) is supported by grips (12) and raised to remove the strain on the plastics foil prior to sealing with a top cross weld. The feed tube is rectangular and the cross seal welds complete a rectangular pack. The lifting action of the supports enables the top sealing grips to expel surplus air out of the pack before sealing.

IPC 1-7

B65B 9/20

IPC 8 full level

B65B 9/20 (2012.01); **B65B 9/213** (2012.01); **B65B 51/10** (2006.01)

CPC (source: EP US)

B65B 9/2042 (2013.01 - EP US); **B65B 9/2049** (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US)

Cited by

CN102795367A; CN102874421A; US5992131A; EP0829426A3; CN102874423A; RU186135U1; EP3632673B1

Designated contracting state (EPC)

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