

Title (en)

FLOWING BAG FILLING SYSTEM AND BAG THEREFOR

Title (de)

SYSTEM ZUM FÜLLEN VON BEUTELN MIT RIESELFÄHIGEM INHALT UND BEUTEL DAFÜR

Title (fr)

SYSTEME DE REMPLISSAGE DE SAC FLUIDE ET SAC CORRESPONDANT

Publication

EP 1412254 A4 20090520 (EN)

Application

EP 02742032 A 20020611

Priority

- US 0218672 W 20020611
- US 30059101 P 20010622
- US 30161201 P 20010627

Abstract (en)

[origin: WO03000005A2] A bag having an inwardly disposed seam is manufactured from a sheet of plastic bag material having two major surfaces and two parallel side edges. A first seam seals the two parallel side edges together at the same major surface with the side edges disposed inwardly of the tube to form the sheet of plastic bag material into a tube with internal flap portions extending interiorly of the tube. At least one seal across the tube is provided for forming at least a three-sided bag structure (and preferably two seals across the tube for forming a closed four-sided bag structure) whereby pressure in the interior of the bag acts against the internal flap portions disposed inwardly of the tube to enhance the sealing of the seam. The bag is filled at an opening defined along the opposite side edges of the seam facing inwardly of the tube.

[origin: WO03000005A2] A bag (10) having an inwardly disposed seam is manufactured from a sheet of plastic bag material having two major surfaces and two parallel side edges. A first seam (24) seals the two parallel side edges together at the same major surface with the side edges disposed inwardly of the tube to form the sheet of plastic bag material into a tube with internal flap portions (20, 22) extending interiorly of the tube. At least one seal across the tube is provided for forming at least a three-sided bag structure (and preferably two seals across the tube for forming a closed four-sided bag structure) whereby pressure in the interior of the bag acts against the internal flap portions disposed inwardly of the tube to enhance the sealing of the seam. The bag is filled at an opening defined along the opposite side edges of the seam facing inwardly of the tube.

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CPC (source: EP)

B65B 1/18 (2013.01); **B65D 31/10** (2013.01); **B65D 31/14** (2013.01)

Citation (search report)

- [A] US 3812769 A 19740528 - BARNES J, et al
- [A] US 4761080 A 19880802 - SCHIRMER HENRY G [US]
- See references of WO 03000005A2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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