

Title (en)

Automatic bagging machine of lids in self-adhesive bags

Title (de)

Vorrichtung zum automatischen Verpacken von Deckeln in selbstklebende Beutel

Title (fr)

Dispositif d'emballage automatique de couvercles dans des sachets autocollants

Publication

EP 1559650 A1 20050803 (EN)

Application

EP 05380012 A 20050124

Priority

ES 200400140 A 20040123

Abstract (en)

An automatic bagging machine of basic and easy-to-open lids in self-adhesive paper bags, which machine is made up of a lid cluster former (1), a bag storage area (2), a unit (3) with means for extracting and positioning the bags and a unit (4) with means for inserting the lid packs in the bags for the closure thereof. It includes a deposit or storage area (5) between the cluster former (1) and the cluster inserter (4) which controls the lid cluster supply to the inserter (4). <IMAGE>

A pair of holding and compacting cylinders compacts lids inside a bag. A bag folding cylinder assembly is comprised of two cylinders forming an L-shape by way of a guillotine to carry out bag folding and lid closing. -

IPC 1-7

B65B 5/06; **B65B 35/44**; **B65B 65/00**

IPC 8 full level

B65B 5/06 (2006.01); **B65B 35/44** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)

B65B 5/067 (2013.01); **B65B 35/44** (2013.01); **B65B 65/003** (2013.01); **B65B 35/56** (2013.01); **B65B 43/36** (2013.01)

Citation (search report)

- [A] EP 0495580 A1 19920722 - FLEETWOOD SYST INC [US]
- [A] US 4669248 A 19870602 - VRIND HENDRIK C [NL], et al
- [A] US 2003194308 A1 20031016 - CARSON DAVID E [US], et al
- [A] US 5863177 A 19990126 - CARSON DAVID E [US], et al
- [A] US 4848059 A 19890718 - MUELLER JUERGEN [DE], et al

Cited by

TWI513843B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1559650 A1 20050803; **EP 1559650 B1 20070228**; AT E355223 T1 20060315; DE 602005000604 D1 20070412; DK 1559650 T3 20070702; PL 1559650 T3 20070831; PT 1559650 E 20070601

DOCDB simple family (application)

EP 05380012 A 20050124; AT 05380012 T 20050124; DE 602005000604 T 20050124; DK 05380012 T 20050124; PL 05380012 T 20050124; PT 05380012 T 20050124