

Title (en)

Automatic machine for fashioning, filling and sealing gusseted plastic bags, in particular for packaging inert materials.

Title (de)

Automatische Maschine zur Herstellung, zum Befüllen und zum Versiegeln von Kunststoff-Seitenfaltenbeuteln, insbesondere für das Verpacken von inerten Materialien.

Title (fr)

Machine automatique pour la fabrication, le remplissage et le scellage de sacs à soufflers en matière plastique, spécialement pour l'emballage de matériaux inertes.

Publication

EP 0493332 A1 19920701 (EN)

Application

EP 91830546 A 19911206

Priority

IT 378390 A 19901221

Abstract (en)

The machine comprises a succession of work stations (S1, S2, S3, S4, S5) at which bags are formed from two rolls (3) of plastic film identical in width, filled, and closed ultimately by heat sealing; the bag emerges already fully fashioned from the first work station (S1), having encountered dies (12) and folders (13) by which the sides are tucked in to form gussets, and transverse heat seal plates (25) positioned to unite only the gusseted parts of the top end on either side of the mouth, in such a way as to provide a reinforced opening for the filling operation. <IMAGE>

IPC 1-7

B31B 23/00; **B65B 1/02**

IPC 8 full level

B31B 23/00 (2006.01); **B65B 1/02** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] EP 0397099 A1 19901114 - BL MACCHINE AUTOMATICA [IT]
- [A] FR 2309404 A1 19761126 - HAVER & BOECKER [DE]
- [A] US 3372625 A 19680312 - SIMECEK THOMAS E, et al
- [A] US 2676442 A 19540427 - GAUBERT RENE J
- [A] GB 944776 A 19631218 - HESSER AG MASCHF

Cited by

ES2133217A1; ES2128932A1; ES2131441A1; CN108973239A; US7980410B2; US10377549B2; WO9742084A1; WO2006130008A3; WO2006130008A2; US9278496B2

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