

Title (en)

Automatic machine and method for forming, filling and closing packaging bags

Title (de)

Automatische Vorrichtung und Verfahren zum Formen,Füllen und Verschliessen von Verpackungsbeuteln

Title (fr)

Machine et procédé de formation, remplissage et fermeture en automatique de sachets d'emballage

Publication

**EP 0792801 B1 20030910 (FR)**

Application

**EP 97400407 A 19970225**

Priority

FR 9602389 A 19960227

Abstract (en)

[origin: EP0792801A1] The machine, designed to produce packages with interlocking closure strips, incorporates a mechanism (110) which makes a fold (P) in the film (12) to create at least one pleat in each finished package. The fold (P) can be made along or across the film layer, and the package closure strips can also be in either direction. The pleat in each package can be in the form of a Z-section fold in the film itself or a U-section insert welded into it. In the former case the fold can be made by two parallel plates (112, 114) with an adjustable amount of overlap.

IPC 1-7

**B65B 9/20**

IPC 8 full level

**B31B 19/90** (2006.01); **B65B 9/20** (2012.01)

CPC (source: EP US)

**B65B 9/20** (2013.01 - EP US); **B65B 9/2042** (2013.01 - EP US); **B65B 9/207** (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US); **B65B 41/16** (2013.01 - EP US); **B65B 61/188** (2013.01 - EP US); **B31B 70/8131** (2017.07 - EP US)

Cited by

US6212861B1; EP1894845A1; US2002015537A1; CN109334109A; US6145282A; EP0917946A3; EP0906866A1; FR2769288A1; US6131374A; US7244222B2; US7163133B2; EP2508435A1; WO2012136325A1; EP1180087B2

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