

Title (en)

FORM, FILL AND SEAL MACHINE FOR BAGS, WITH TRANSVERSE SEALING SECTIONS, AND RESULTING BAGS

Title (de)

MASCHINE ZUM FORMEN, FÜLLEN UND VERSCHLIESSEN VON BEUTELN MIT TRANSVERSALEN VERSCHLUSSPROFILEN

Title (fr)

MACHINE DE FORMATION, REMPLISSAGE ET FERMETURE DE SACS, A PROFILES DE FERMETURE TRANSVERSAUX

Publication

EP 0938427 A2 19990901 (FR)

Application

EP 98952839 A 19981106

Priority

- FR 9802377 W 19981106
- FR 9713944 A 19971106

Abstract (en)

[origin: US6032437A] The present invention relates to a machine for forming packaging on the basis of film that includes complementary closure strips, the machine comprising: feeder means for feeding onto the film a closure means comprising two support webs provided with at least a first longitudinal assembly constituted by two complementary strips and with a second longitudinal assembly disposed at a distance from the first, urging means for urging the support webs towards each other between the two longitudinal assemblies, and two rectilinear guides suitable for penetrating respectively into the gaps between each pair of lateral edges of the support webs. The present invention also provides a method, the resulting packages, and closure means for this purpose.

IPC 1-7

B65B 9/00

IPC 8 full level

B31B 19/90 (2006.01); **B65B 9/00** (2006.01); **B65B 9/20** (2012.01); **B65D 33/25** (2006.01)

CPC (source: EP US)

B65B 9/20 (2013.01 - EP US); **B65B 61/188** (2013.01 - EP US); **B65D 33/2525** (2013.01 - EP US); **B65D 33/2533** (2013.01 - EP US); **B65D 33/2541** (2013.01 - EP US); **B31B 70/8133** (2017.08 - EP US); **Y10S 493/927** (2013.01 - EP US)

Cited by

CN104326102A; US7244222B2; US7163133B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

US 6032437 A 20000307; AR 016673 A1 20010725; AT E215463 T1 20020415; AT E236829 T1 20030415; AU 1038999 A 19990531; AU 745091 B2 20020314; BR 9806842 A 20000314; CA 2253066 A1 19990506; CA 2253066 C 20040824; CN 1144730 C 20040407; CN 1246832 A 20000308; DE 69804582 D1 20020508; DE 69804582 T2 20020919; DE 69813292 D1 20030515; DE 69813292 T2 20040401; DK 0938427 T3 20020729; DK 1038774 T3 20030804; EP 0938427 A2 19990901; EP 0938427 B1 20020403; EP 1038774 A1 20000927; EP 1038774 B1 20030409; ES 2172932 T3 20021001; ES 2190915 T3 20030901; FR 2770487 A1 19990507; FR 2770487 B1 20000204; IL 130573 A0 20000601; IL 130573 A 20020210; JP 2001507644 A 20010612; JP 4394173 B2 20100106; NZ 336502 A 20010928; NZ 513500 A 20021126; PL 200030 B1 20081128; PL 335422 A1 20000425; PT 938427 E 20020830; WO 9924322 A2 19990520; WO 9924322 A3 19990902; ZA 9810113 B 19990507

DOCDB simple family (application)

US 18710398 A 19981105; AR P980105625 A 19981106; AT 00105724 T 19981106; AT 98952839 T 19981106; AU 1038999 A 19981106; BR 9806842 A 19981106; CA 2253066 A 19981105; CN 98802348 A 19981106; DE 69804582 T 19981106; DE 69813292 T 19981106; DK 00105724 T 19981106; DK 98952839 T 19981106; EP 00105724 A 19981106; EP 98952839 A 19981106; ES 00105724 T 19981106; ES 98952839 T 19981106; FR 9713944 A 19971106; FR 9802377 W 19981106; IL 13057398 A 19981106; JP 52560899 A 19981106; NZ 33650298 A 19981106; NZ 51350099 A 19990629; PL 33542298 A 19981106; PT 98952839 T 19981106; ZA 9810113 A 19981105