

Title (en)

Bag with transverse closure profiles and closure means for its manufacture

Title (de)

Beutel mit transversalen Verschlussprofilen und Verschlussmittel zu dessen Herstellung

Title (fr)

Sachet à profilés de fermeture transversaux et moyen de fermeture pour sa réalisation

Publication

EP 1038774 A1 20000927 (FR)

Application

EP 00105724 A 19981106

Priority

- EP 98952839 A 19981106
- FR 9713944 A 19971106

Abstract (en)

The machine comprises arrangement (200, 202) for routing the film (F), and a closing member (300) comprising two support voiles. There is a first longitudinal assembly formed by two complementary sections connected to the support voiles and a second longitudinal assembly located at a distance from the first. The support voiles are brought together between the two longitudinal assemblies so that the distance separating the lateral edges of the two voiles increases as a result of their deformation. Two rectilinear guides (170, 180) are able to penetrate into the space between each pair of lateral edges of the support voiles.

Abstract (fr)

La présente invention concerne un emballage comprenant deux paires (302, 304) de profilés de fermeture (312, 322, 314, 324) de type mâle/femelle complémentaires, disposées au niveau de l'embouchure de l'emballage, à raison d'un profilé mâle (322, 314) et d'un profilé femelle (321, 324) sur chacun des feuillets composant l'emballage. La présente invention concerne également un moyen de fermeture pour la réalisation de cet emballage. <IMAGE>

IPC 1-7

B65B 9/20; B31B 19/90; B65D 33/25

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)

Citation (search report)

- [X] EP 0302144 A2 19890208 - MINIGRIP EUROPE GMBH [DE]
- [A] EP 0398731 A2 19901122 - REYNOLDS CONSUMER PROD [US]
- [A] EP 0441504 A1 19910814 - MAYER OSKAR FOODS [US]
- [A] EP 0273327 A2 19880706 - DOW CONSUMER PRODUCTS [US]

Cited by

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 20000403; 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