

Title (en)

Bag making machine and method for manufacturing bags

Title (de)

Beutelherstellungsvorrichtung und Verfahren zum Herstellen von Folienbeutel

Title (fr)

Machine de fabrication de sacs et procédé pour la fabrication de sacs

Publication

**EP 0962309 B1 20070307 (DE)**

Application

**EP 99107472 A 19990429**

Priority

DE 19824797 A 19980603

Abstract (en)

[origin: EP0962309A2] The arrangement transports at least two foils (4,6) that are used as sides of the bag. The foils are laid one on the other and joined at the edges of bag. Joined foils are cut along joints to form individual foil bags. Any differences in the foil material are compensated for by stretching the foil with a smaller length for a bag. A measurement arrangement for detecting the quantity of transported foil material contains a number of optical sensors (38,39) of foil markings. An Independent claim is also included for a foil bag production method.

IPC 8 full level

**B31B 37/02** (2006.01); **B65D 1/00** (2006.01); **B31B 19/10** (2006.01); **B31B 29/00** (2006.01); **B31B 37/00** (2006.01); **B31B 50/10** (2017.01);  
**B65B 41/00** (2006.01); **B65H 23/188** (2006.01); **B65H 39/16** (2006.01)

CPC (source: EP KR US)

**B31B 70/00** (2017.08 - EP US); **B31B 70/74** (2017.08 - EP KR US); **B65B 41/00** (2013.01 - KR); **B31B 70/10** (2017.08 - EP US);  
**B31B 2155/00** (2017.08 - EP US); **B31B 2155/002** (2017.08 - EP US); **B31B 2160/10** (2017.08 - EP US); **B31B 2160/20** (2017.08 - EP US)

Cited by

EP3219647A1; EP1216817A3

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**EP 0962309 A2 19991208; EP 0962309 A3 20011212; EP 0962309 B1 20070307;** AT E355964 T1 20070315; BG 103450 A 19991230;  
BR 9902931 A 20000321; CA 2273419 A1 19991203; CA 2273419 C 20020212; CN 1130299 C 20031210; CN 1244482 A 20000216;  
CY 1106470 T1 20120125; CZ 192299 A3 19991215; CZ 299289 B6 20080604; DE 19824797 A1 19991209; DE 19824797 B4 20040212;  
DE 59914231 D1 20070419; DK 0962309 T3 20070611; ES 2284224 T3 20071101; HK 1024454 A1 20001013; HR P990162 A2 20000430;  
HU 9901832 D0 19990830; HU P9901832 A2 20000628; HU P9901832 A3 20010129; ID 22670 A 19991202; JP 2000016417 A 20000118;  
JP 3383938 B2 20030310; KR 100341383 B1 20020621; KR 20000005850 A 20000125; PL 190064 B1 20051031; PL 333521 A1 19991206;  
PT 962309 E 20070430; RU 2167765 C2 20010527; SA 99200511 B1 20060730; SI 0962309 T1 20070831; SK 73499 A3 19991210;  
TR 199901246 A2 19991221; TR 199901246 A3 19991221; TW 470700 B 20020101; UA 57602 C2 20030616; US 6267714 B1 20010731;  
YU 24499 A 20010528; ZA 993719 B 19991202

DOCDB simple family (application)

**EP 99107472 A 19990429;** AT 99107472 T 19990429; BG 10345099 A 19990601; BR 9902931 A 19990604; CA 2273419 A 19990528;  
CN 99107145 A 19990603; CY 071100658 T 20070516; CZ 192299 A 19990531; DE 19824797 A 19980603; DE 59914231 T 19990429;  
DK 99107472 T 19990429; ES 99107472 T 19990429; HK 00103743 A 20000621; HR P990162 A 19990527; HU P9901832 A 19990603;  
ID 990512 D 19990602; JP 15699799 A 19990603; KR 19990020259 A 19990602; PL 33352199 A 19990602; PT 99107472 T 19990429;  
RU 99111741 A 19990602; SA 99200511 A 19990823; SI 9930958 T 19990429; SK 73499 A 19990602; TR 9901246 A 19990603;  
TW 88108475 A 19990719; UA 99063052 A 19990602; US 31700199 A 19990524; YU 24499 A 19990603; ZA 993719 A 19990603