

Title (en)

Process and machine for production of zipper gusset bags

Title (de)

Verfahren und Maschine zur Herstellung von Seitenfaltbeutel mit Reissverschluss

Title (fr)

Procédé et machine de fabrication des sachets à soufflets munis de moyens de fermeture

Publication

EP 1226929 B1 20050518 (FR)

Application

EP 02290173 A 20020124

Priority

FR 0101076 A 20010126

Abstract (en)

[origin: EP1226929A1] The bag, designed to be made automatically from a continuous strip of thermoplastic-based film material, is produced by making cut-outs in the film layer in zones corresponding to the ends of lengthwise side pleats, fitting transverse closure strips (70) in alignment with the cutouts, forming the pleats (40, 42), and bringing the edges (14, 16) of the film sheet together to make a lengthwise central weld seam.

IPC 1-7

B31B 19/90; B65D 33/25

IPC 8 full level

B31B 1/90 (2006.01); **B31B 19/90** (2006.01); **B31B 23/02** (2006.01); **B31B 23/14** (2006.01); **B31B 23/26** (2006.01); **B31B 23/60** (2006.01); **B31B 23/74** (2006.01); **B31B 50/04** (2017.01); **B31B 50/20** (2017.01); **B31B 50/36** (2017.01); **B31B 50/64** (2017.01); **B65D 30/20** (2006.01); **B65D 33/25** (2006.01); **B65D 33/34** (2006.01)

CPC (source: EP US)

B31B 70/8131 (2017.07 - EP US); **B65D 31/10** (2013.01 - EP US); **B65D 33/2508** (2013.01 - EP US)

Cited by

US7552572B2; CN116494597A; DE102008064308A1; WO2006067617A1; EP3023356B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1226929 A1 20020731; EP 1226929 B1 20050518; AT E295776 T1 20050615; AU 1017302 A 20020801; DE 60204176 D1 20050623; DE 60204176 T2 20051027; DK 1226929 T3 20050919; ES 2239205 T3 20050916; FR 2820076 A1 20020802; FR 2820076 B1 20030725; JP 2002254533 A 20020911; JP 4255640 B2 20090415; US 2002103067 A1 20020801

DOCDB simple family (application)

EP 02290173 A 20020124; AT 02290173 T 20020124; AU 1017302 A 20020115; DE 60204176 T 20020124; DK 02290173 T 20020124; ES 02290173 T 20020124; FR 0101076 A 20010126; JP 2002016810 A 20020125; US 5263702 A 20020123