

Title (en)

Method and apparatus for making bags with interlocking closure elements

Title (de)

Verfahren und Vorrichtung zur Herstellung von Kunststoffbeuteln mit Reissverschlussprofilen

Title (fr)

Procédé et machine de fabrication de sachets comprenant des profilés de fermeture complémentaires

Publication

**EP 1228858 B1 20041215 (FR)**

Application

**EP 02290210 A 20020130**

Priority

FR 0101457 A 20010202

Abstract (en)

[origin: EP1228858A1] The procedure for making plastic film bags with interlocking fastening strips operated by sliders consists of feeding the film material (110) and fasteners (10) separately into the bag-making machine, incorporating a phase in the sequence to detect any fault in sequence between the delivery of the fasteners and the operation of transverse seam welding jaws (140), and making the necessary adjustment to the position of zones of reduced thickness (60) between fasteners.

IPC 1-7

**B31B 19/90; B31B 1/74**

IPC 8 full level

**B65B 57/02** (2006.01); **B31B 1/74** (2006.01); **B31B 19/90** (2006.01); **B31B 23/74** (2006.01); **B65B 9/20** (2006.01); **B65D 33/25** (2006.01)

CPC (source: EP US)

**B31B 50/00** (2017.07 - EP US); **B31B 70/8132** (2017.07 - EP US); **B31B 70/006** (2017.07 - EP US)

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 1228858 A1 20020807; EP 1228858 B1 20041215;** AR 032535 A1 20031112; AT E284783 T1 20050115; AU 1353402 A 20020808; AU 785187 B2 20061019; BR 0200312 A 20021029; CA 2369347 A1 20020802; CN 1230351 C 20051207; CN 1369407 A 20020918; DE 60202222 D1 20050120; DE 60202222 T2 20051215; DK 1228858 T3 20050425; ES 2233776 T3 20050616; FR 2820361 A1 20020809; FR 2820361 B1 20030725; HK 1050172 A1 20030613; JP 2002283476 A 20021003; US 2002107130 A1 20020808; US 6740019 B2 20040525

DOCDB simple family (application)

**EP 02290210 A 20020130;** AR P020100361 A 20020201; AT 02290210 T 20020130; AU 1353402 A 20020123; BR 0200312 A 20020129; CA 2369347 A 20020131; CN 02103117 A 20020131; DE 60202222 T 20020130; DK 02290210 T 20020130; ES 02290210 T 20020130; FR 0101457 A 20010202; HK 03101983 A 20030318; JP 2002025029 A 20020201; US 6020702 A 20020201