

Title (en)

METHOD AND DEVICE FOR PRODUCING TRIANGULAR PACKING BAGS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DREIECKIGEN VERPACKUNGSBEUTELN UND ANORDNUNG DAZU

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION DES SACS TRIANGULAIRE D'EMBALLAGE

Publication

EP 2499048 A1 20120919 (DE)

Application

EP 10779252 A 20101110

Priority

- DE 102009053405 A 20091114
- EP 2010006847 W 20101110

Abstract (en)

[origin: WO2011057776A1] The invention relates to a method for producing packaging bags (1, 1') having a triangular outline, made of a film strip having two longitudinal edges (3, 4) located opposite of each other. The film strip (2) is wound about a shaping mandrel forming a film spiral (5). The film spiral (5) is pulled off the shaping mandrel so far that a first seam section (7) formed by the longitudinal edges (3, 4) and extending in the circumferential direction about 180° around the film spiral (5) and a first film section opposite of the first seam section (7) are exposed and sealed there. The film spiral (5) is further pulled off the shaping mandrel so far that a second seam section (10) abutting the first seam section (7) and a second film section (11) located opposite of the second seam section (10) are exposed and also sealed.

IPC 8 full level

B65B 9/12 (2006.01); **B65B 9/20** (2012.01)

CPC (source: EP KR US)

B31B 70/00 (2017.07 - EP KR US); **B65B 9/2063** (2013.01 - KR); **B65B 9/213** (2013.01 - EP KR US); **B31B 2160/30** (2017.07 - EP KR US); **B65B 9/2063** (2013.01 - EP US)

Citation (search report)

See references of WO 2011057776A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102009053405 A1 20110519; AU 2010318304 A1 20120621; AU 2010318304 B2 20140814; CL 2012001261 A1 20121116; CN 102741124 A 20121017; CN 102741124 B 20140604; EP 2499048 A1 20120919; EP 2499048 B1 20130828; IN 5022DEN2012 A 20150807; JP 2013510774 A 20130328; JP 5643833 B2 20141217; KR 20120098778 A 20120905; MX 2012005557 A 20121106; MY 161276 A 20170414; RU 2012124409 A 20131220; RU 2544625 C2 20150320; UA 105815 C2 20140625; US 2013172165 A1 20130704; WO 2011057776 A1 20110519

DOCDB simple family (application)

DE 102009053405 A 20091114; AU 2010318304 A 20101110; CL 2012001261 A 20120514; CN 201080061256 A 20101110; EP 10779252 A 20101110; EP 2010006847 W 20101110; IN 5022DEN2012 A 20120606; JP 2012538237 A 20101110; KR 20127015132 A 20101110; MX 2012005557 A 20101110; MY PI2012700288 A 20101110; RU 2012124409 A 20101110; UA A201207225 A 20101110; US 201013509744 A 20101110