

Title (en)

METHOD AND SYSTEM FOR FOLDING AND SEALING BAGS

Title (de)

VERFAHREN UND SYSTEM ZUM FALTEN UND VERSIEGELN VON BEUTELN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR PLIER ET SCELLER DES SACS

Publication

EP 2616349 B1 20161109 (EN)

Application

EP 11825732 A 20110912

Priority

- US 88122010 A 20100914
- US 2011051185 W 20110912

Abstract (en)

[origin: US2011019944A1] A system including multiple bags each having a first adhesive material on a first panel, and second adhesive material on a stepped construction of the bag, and a third section of each bag being free of adhesive, further including a hot air manifold along which the bag is conveyed after the bag has been filled with contents and closed, which heats the first adhesive material and the second adhesive material to their adhesive states; a section of the hot air manifold along which the third section free of adhesive is conveyed, which minimizes adhesive contamination; a blade to bias the stepped construction of the bag to follow along the manifold; and a trailing end of the blade to fold the bag along its third section without displacing or expelling adhesive from the third section, which minimizes adhesive contamination of surfaces of the bag.

IPC 8 full level

B65D 33/18 (2006.01); **B29C 65/10** (2006.01); **B65B 51/20** (2006.01); **B65D 33/22** (2006.01)

CPC (source: EP US)

B65B 51/02 (2013.01 - US); **B65B 51/10** (2013.01 - US); **B65D 31/10** (2013.01 - EP US); **B65D 33/22** (2013.01 - EP US); **B31B 70/004** (2017.07 - EP US); **B31B 70/62** (2017.07 - EP US)

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)

US 2011019944 A1 20110127; CA 2809635 A1 20120322; CA 2809635 C 20191022; EP 2616349 A1 20130724; EP 2616349 A4 20150819; EP 2616349 B1 20161109; MX 2013002852 A 20130628; MX 343192 B 20161026; US 2014090339 A1 20140403; WO 2012037012 A1 20120322

DOCDB simple family (application)

US 88122010 A 20100914; CA 2809635 A 20110912; EP 11825732 A 20110912; MX 2013002852 A 20110912; US 2011051185 W 20110912; US 201314099364 A 20131206