

Title (en)  
APPARATUS FOR COMPACTING PRODUCT&HIGH SPEED BAGMAKING

Title (de)  
VORRICHTUNG ZUM VERDICHTEN VON PRODUKTEN UND ZUR HOCHGESCHWINDIGKEITSSHERSTELLUNG VON BEUTELN

Title (fr)  
APPAREIL POUR COMPACTER UN PRODUIT ET FABRIQUER DES SACS RAPIDEMENT

Publication  
**EP 2953857 A4 20161102 (EN)**

Application  
**EP 14749584 A 20140210**

Priority  
• US 201313764133 A 20130211  
• US 2014015608 W 20140210

Abstract (en)  
[origin: WO2014124383A1] A method for compacting and packaging a plurality of slugs of product and apparatus for accomplishing the same. The invention describes collecting weighed product in an intermediate settling device to form compact slugs of product. The device can comprise a single settling chamber for each slug of product or can comprise multiple settling chambers which are axially rotatable. The slugs can be compacted by jostling and/or vibrating the settling device. Thereafter, the slugs of product are discharged to a multiple bagmaking packaging apparatus.

IPC 8 full level  
**B65B 37/18** (2006.01); **B65B 9/20** (2012.01); **B65B 65/00** (2006.01); **B65B 1/22** (2006.01); **B65B 1/32** (2006.01)

CPC (source: CN EP)  
**B65B 9/20** (2013.01 - CN EP); **B65B 37/18** (2013.01 - CN EP); **B65B 65/006** (2013.01 - CN EP); **B65B 1/22** (2013.01 - CN EP); **B65B 1/32** (2013.01 - CN EP); **B65B 2210/02** (2013.01 - CN EP)

Citation (search report)  
• [Y] EP 2128027 A1 20091202 - KAWANISHI SHOZO [JP]  
• [Y] WO 2011050355 A1 20110428 - FRITO LAY NORTH AMERICA INC [US], et al  
• [A] US 5235794 A 19930817 - CENTER JOHN L [US]  
• See references of WO 2014124383A1

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)  
**WO 2014124383 A1 20140814**; AU 2014214638 A1 20150903; AU 2014214638 B2 20160128; BR 112015018977 A2 20170718; CA 2899729 A1 20140814; CA 2899729 C 20160823; CA 2934400 A1 20140814; CN 104995091 A 20151021; CN 104995091 B 20160518; EP 2953857 A1 20151216; EP 2953857 A4 20161102; MX 2015010107 A 20160427; MX 366101 B 20190627; RU 2597860 C1 20160920

DOCDB simple family (application)  
**US 2014015608 W 20140210**; AU 2014214638 A 20140210; BR 112015018977 A 20140210; CA 2899729 A 20140210; CA 2934400 A 20140210; CN 201480008320 A 20140210; EP 14749584 A 20140210; MX 2015010107 A 20140210; RU 2015137949 A 20140210