Title (en)
APPARATUS AND METHOD FOR WEIGHING PRODUCT DURING FILLING

Title (de)
VORRICHTUNG UND VERFAHREN ZUM WIEGEN VON PRODUKTEN WÄHREND DES FÜLLENS

Title (fr)
APPAREIL ET PROCÉDÉ POUR PESER UN PRODUIT PENDANT LE REMPLISSAGE

Publication
EP 2086838 A2 20090812 (EN)

Application
EP 07839378 A 20071009

Priority
- US 2007021557 W 20071009
- US 60351806 A 20061121

Abstract (en)
[origin: US2008115467A1] A slurry product is packaged into a plastic bag using a modified form-fill-seal apparatus. A method for making a plastic bag filled with a desired weight of a slurry material on a form/fill/seal machine, includes drawing a plastic film over a mandrel of a form/fill/seal machine and wrapping the film around a forming tube. A tube of plastic film is formed by bonding the edges of the film together and the bottom of the tube is sealed. An initial weight is obtained by weighing the mandrel and the tube of plastic film then a slurry composition is deposited inside the closed tube. The present weight of the mandrel, tube of plastic film and contents of the tube are monitored as the slurry is deposited, and the present weight and the initial weight are compared until a desired weight is reached. After the desired weight is reached, the filled bag is sealed and separated from the tube of plastic film.

IPC 8 full level
B65B 1/30 (2006.01); **B65B 3/26** (2006.01)

CPC (source: EP US)
B65B 3/28 (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US)

Citation (search report)
See references of WO 2008063293A2

Designated contracting state (EPC)
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US 2008115467 A1 20080522; AR 064598 A1 20090415; BR PI0717201 A2 20130917; CA 2670023 A1 20080529; CA 2670023 C 20110419; CL 2007003225 A1 20080125; CN 101568469 A 20091028; CO 6190548 A2 20100819; EP 2086838 A2 20090812; MX 2009004741 A 20090522; PE 20081584 A1 20081214; RU 2009122060 A 20101227; TW 200848322 A 20081216; WO 2008063293 A2 20080529; WO 2008063293 A3 20080731

DOCDB simple family (application)
US 60351806 A 20061121; AR P070105157 A 20071120; BR PI0717201 A 20071009; CA 2670023 A 20071009; CL 2007003225 A 20071108; CN 200780042012 A 20071009; CO 09064099 A 20090619; EP 07839378 A 20071009; MX 2009004741 A 20071009; PE 2007001431 A 20071023; RU 2009122060 A 20071009; TW 96144002 A 20071120; US 2007021557 W 20071009