

Title (en)

METHOD AND DEVICE FOR INSERTING (TUBE) BAGS INTO CARTONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINFÜHREN VON (SCHLAUCH-) BEUTELN IN KARTONS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR INTRODUIRE DES SACHETS (TUBULAIRES) DANS DES CARTONS

Publication

EP 2250093 A1 20101117 (DE)

Application

EP 09712909 A 20090210

Priority

- EP 2009000908 W 20090210
- DE 102008010432 A 20080221

Abstract (en)

[origin: CA2715882A1] In order to insert packages, particularly bags (10) having sensitive packaging goods into containers or cartons (14), the carton (14) is held ready in a packing station (16) such that the bags (10) can be inserted into the carton (14) by means of a delivery device, particularly a slider (56). In order to create different, sorted formations of the bags (10) within the carton (14), said carton can be moved during the filling or packing process such that the packing formation is created due to a corresponding relative positioning of the carton (14) at a predetermined feed-in level.

IPC 8 full level

B65B 5/06 (2006.01); **B65B 5/08** (2006.01)

CPC (source: EP US)

B65B 5/061 (2013.01 - EP US); **B65B 5/064** (2013.01 - EP US); **B65B 5/106** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008010432 A1 20090827; CA 2715882 A1 20090827; CA 2715882 C 20140128; CN 101977816 A 20110216; CN 101977816 B 20130410; CN 103183142 A 20130703; CN 103183142 B 20151118; EP 2250093 A1 20101117; EP 2250093 B1 20160803; JP 2011512302 A 20110421; JP 5581223 B2 20140827; RU 2010138641 A 20120327; RU 2481257 C2 20130510; US 2011005174 A1 20110113; US 8689530 B2 20140408; WO 2009103441 A1 20090827

DOCDB simple family (application)

DE 102008010432 A 20080221; CA 2715882 A 20090210; CN 200980110220 A 20090210; CN 201310095944 A 20090210; EP 09712909 A 20090210; EP 2009000908 W 20090210; JP 2010547080 A 20090210; RU 2010138641 A 20090210; US 91807609 A 20090210