

Title (en)

PACKAGING APPARATUS AND METHOD OF EXPELLING GAS

Title (de)

VERPACKUNGSVORRICHTUNG UND VERFAHREN ZUM AUSSTOSS VON GAS

Title (fr)

APPAREIL D'EMBALLAGE ET PROCÉDÉ D'EXPULSION DE GAZ

Publication

EP 2731871 A1 20140521 (EN)

Application

EP 12713993 A 20120412

Priority

- EP 11173584 A 20110712
- EP 2012056703 W 20120412
- EP 12713993 A 20120412

Abstract (en)

[origin: EP2546154A1] A packaging apparatus comprises a pressure chamber; an actuator configured to move the pressure chamber between a second position, in which the pressure chamber houses a package, and a first position, in which the package is unconstrained by the pressure chamber; and a pressuriser configured to increase the pressure within the pressure chamber to greater than the pressure outside of the pressure chamber. Gas is expelled from the package. The package may then be sealed and shrunk in a heat tunnel.

IPC 8 full level

B65B 9/06 (2012.01); **B65B 9/067** (2012.01); **B65B 31/02** (2006.01)

CPC (source: EP US)

B65B 9/067 (2013.01 - EP US); **B65B 31/02** (2013.01 - US); **B65B 31/021** (2013.01 - EP US); **B65B 31/022** (2013.01 - EP US); **B65B 53/02** (2013.01 - US); **B65B 53/063** (2013.01 - EP US)

Citation (search report)

See references of WO 2013007406A1

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)

EP 2546154 A1 20130116; EP 2731871 A1 20140521; US 2014123599 A1 20140508; WO 2013007406 A1 20130117

DOCDB simple family (application)

EP 11173584 A 20110712; EP 12713993 A 20120412; EP 2012056703 W 20120412; US 201214128666 A 20120412