

Title (en)

PACKAGING MACHINE and method FOR THE PREPARATION OF INDIVIDUAL EVACUATED PACKaGES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUR HERSTELLUNG VON VAKUUMIERTEN UND/ODER BEGASTEN VERPACKUNGEN

Title (fr)

MACHINE D'EMBALLAGE et methode POUR LA PREPARATION De CONDITIONNEMENTS ÉVACUÉS

Publication

**EP 2668103 B1 20150408 (DE)**

Application

**EP 12703443 A 20120127**

Priority

- DE 1020111009658 A 20110127
- EP 2012000377 W 20120127

Abstract (en)

[origin: WO2012100956A1] The invention relates to a packaging machine (1), comprising a deep-drawing station (2), which forms packaging wells in a material web (8), and a sealing station (19), which bonds a top material web to the material web, wherein before the bonded connection the packaging well is degassed and/or gassed, and a cutting unit, which separates the packagings thus produced from the material webs. The invention further relates to a method for producing a packaging, in which a material web is transported in cycles along a packaging machine, and during each cycle one or more packaging wells are formed in the material web and the packaging well is then filled with a product to be packaged, and then a cover film is sealed onto the packaging well, wherein before sealing a vacuum is drawn and/or a gas exchange is carried out in the packaging well.

IPC 8 full level

**B65B 31/04** (2006.01); **B65B 9/04** (2006.01); **B65B 31/02** (2006.01); **B65B 41/12** (2006.01); **B65B 47/00** (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP US)

**B65B 9/04** (2013.01 - EP US); **B65B 31/021** (2013.01 - EP US); **B65B 31/04** (2013.01 - US); **B65B 41/12** (2013.01 - EP US);  
**B65B 47/00** (2013.01 - EP US); **B65B 61/06** (2013.01 - 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)

**WO 2012100956 A1 20120802**; CN 103492270 A 20140101; CN 103492270 B 20150715; DK 2668103 T3 20150713; EP 2668103 A1 20131204;  
EP 2668103 B1 20150408; ES 2541864 T3 20150727; PL 2668103 T3 20150930; RU 2013139452 A 20150310; RU 2571347 C2 20151220;  
US 2014013704 A1 20140116

DOCDB simple family (application)

**EP 2012000377 W 20120127**; CN 201280006904 A 20120127; DK 12703443 T 20120127; EP 12703443 A 20120127; ES 12703443 T 20120127;  
PL 12703443 T 20120127; RU 2013139452 A 20120127; US 201213981349 A 20120127