

Title (en)
DEVICE FOR PRODUCING PACKAGING UNITS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON VERPACKUNGSEINHEITEN

Title (fr)
DISPOSITIF DE FABRICATION D'UNITÉS D'EMBALLAGE

Publication
EP 3046842 B1 20170906 (DE)

Application
EP 14747535 A 20140714

Priority
• DE 102013218545 A 20130916
• EP 2014064997 W 20140714

Abstract (en)
[origin: WO2015036146A1] The invention relates to a device for producing packaging units in a form, fill and seal machine having a horizontal conveying device for transferring individual products (14) to a portioning device (15) for producing portions (12) that have a defined arrangement and number of products, and having a vertical conveying device (22) for conveying the portions wrapped in a film web (11) to a separating device for separating the packaging units, the vertical conveying device having two parallel belt conveyors (34, 35) which each have a plurality of support devices arranged in the conveying direction (17) for supporting the conveyor belts along the conveying channel.

IPC 8 full level
B65B 35/50 (2006.01); **B65B 9/20** (2012.01); **B65B 25/00** (2006.01); **B65B 39/00** (2006.01); **B65G 15/14** (2006.01)

CPC (source: EP US)
B65B 9/20 (2013.01 - EP US); **B65B 9/2028** (2013.01 - EP US); **B65B 35/50** (2013.01 - EP US); **B65B 39/007** (2013.01 - EP US); **B65B 25/005** (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 2015036146 A1 20150319; CN 105593123 A 20160518; CN 105593123 B 20180330; DE 102013218545 A1 20150319; DE 102013218545 B4 20150910; DE 102013218545 B8 20151119; EP 3046842 A1 20160727; EP 3046842 B1 20170906; PL 3046842 T3 20180228; US 2016229566 A1 20160811

DOCDB simple family (application)
EP 2014064997 W 20140714; CN 201480050988 A 20140714; DE 102013218545 A 20130916; EP 14747535 A 20140714; PL 14747535 T 20140714; US 201415021860 A 20140714