

Title (en)  
APPARATUS FOR PRODUCING PACKAGING UNITS

Title (de)  
VORRICHTUNG ZUR HERSTELLUNG VON VERPACKUNGSEINHEITEN

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

Publication  
**EP 3046839 B1 20171018 (DE)**

Application  
**EP 14749729 A 20140714**

Priority  
• DE 102013218546 A 20130916  
• EP 2014065003 W 20140714

Abstract (en)  
[origin: WO2015036147A1] The invention relates to an apparatus for producing packaging units in a tubular-bag machine, having a horizontal conveying device for transferring separated products (14) to a portioning device (15) for producing portion units (12) with a defined arrangement and number of products, and having a vertical conveying device (22), by means of which the portion units sheathed by a sheet-material web (11) are conveyed to a separating device for separating the packaging units, wherein the vertical conveying device has two belt conveyors (34, 35) arranged parallel to one another, wherein a sheet-material-withdrawal device (36), which delimits the conveying channel laterally, is arranged parallel to the belt conveyors, wherein the vertical conveying device (22) has a conveying-channel-adjusting device for adjusting the distance b between the mutually opposite conveying sides of the conveying belts, and the sheet-material-withdrawal device (36) is provided with an adjusting device for adjusting the distance a3 between the sheet-material-withdrawal device and the vertical conveying device.

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

CPC (source: EP US)  
**B65B 9/2028** (2013.01 - EP US); **B65B 35/30** (2013.01 - 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 2015036147 A1 20150319**; CN 105658524 A 20160608; CN 105658524 B 20171117; DE 102013218546 A1 20150319;  
DE 102013218546 B4 20171228; EP 3046839 A1 20160727; EP 3046839 B1 20171018; PL 3046839 T3 20180430;  
US 2016229567 A1 20160811

DOCDB simple family (application)  
**EP 2014065003 W 20140714**; CN 201480051052 A 20140714; DE 102013218546 A 20130916; EP 14749729 A 20140714;  
PL 14749729 T 20140714; US 201415021866 A 20140714