

Title (en)

Device for cutting gas-filled containers and assembly for producing gas-filled container strings

Title (de)

Vorrichtung zum Zuschneiden gasgefüllter Füllkörper sowie Anordnung zur Herstellung gasgefüllter Füllkörperstränge

Title (fr)

Dispositif de coupe de corps de remplissage remplis de gaz et dispositif de fabrication de faisceaux de corps de remplissage remplis de gaz

Publication

**EP 2028109 A3 20130717 (DE)**

Application

**EP 08162867 A 20080823**

Priority

- DE 102007039987 A 20070823
- DE 102007045938 A 20070925

Abstract (en)

[origin: EP2028109A2] The device (10) has a cutting equipment with a cutting unit for cutting gas-filled packings (12) in a connecting section (13) between two packings. A carrier (21) i.e. conveying tray, with an entrainment region (21a) accommodates the packings. The carrier is formed movably together with the packings such that the packings provided in the carrier are centered. A counting unit i.e. optical sensor (24), detects a number of packings that moved over a reference point. An evaluation and control unit detects data of the counting unit and actuates a cutting process by the cutting equipment. Independent claims are also included for the following: (1) an arrangement for producing a gas-filled packing strand (2) a device for controlled transport feeding of a gas-filled packing.

IPC 8 full level

**B65B 55/20** (2006.01); **B26D 1/06** (2006.01); **B26D 5/20** (2006.01); **B26D 7/28** (2006.01); **B31D 5/00** (2006.01); **B65B 61/08** (2006.01)

CPC (source: EP US)

**B65B 55/20** (2013.01 - EP US); **B26D 7/20** (2013.01 - EP US); **B31D 2205/0058** (2013.01 - EP US); **B31D 2205/007** (2013.01 - EP US); **B31D 2205/0088** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B65B 61/08** (2013.01 - EP US); **B65B 65/08** (2013.01 - EP US)

Citation (search report)

- [E] EP 2404833 A1 20120111 - PREGIS INNOVATIVE PACKAGING [US]
- [Y] EP 1563987 A1 20050817 - SEALED AIR CORP [US]
- [Y] US 2006010835 A1 20060119 - SHAW KENNETH L [US], et al
- [A] US 5222422 A 19930629 - BENNER JR HAROLD T [US], et al
- [A] US 2006090421 A1 20060504 - SPERRY LAURENCE B [US], et al

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102007045938 A1 20090226**; EP 2028109 A2 20090225; EP 2028109 A3 20130717; US 2009049798 A1 20090226

DOCDB simple family (application)

**DE 102007045938 A 20070925**; EP 08162867 A 20080823; US 19762008 A 20080825