

Title (en)
Method for cutting packages

Title (de)
Verfahren zum Schneiden von Packungen

Title (fr)
Procédé destiné à couper des emballages

Publication
EP 2551203 A1 20130130 (DE)

Application
EP 12004282 A 20120605

Priority
DE 102011108939 A 20110729

Abstract (en)
The method involves sealing of films, into packages (15), in a sealing station (3), where sealing seams are generated. The position of the sealing seams is determined. A cutting device (4) is provided that is suitable for positioning the sealing seams. The sealing seams are detected by a seal according to a vision system, and the position of a slice image is determined in a controller (17). A reference element is generated in the sealing station by stamping or sealing characteristic. An independent claim is also included for a thermoforming packaging machine with a contour course of the sealing seams.

Abstract (de)
Die Erfindung betrifft ein Verfahren zum Schneiden von Packungen (15) in einer Tiefziehverpackungsmaschine (1) aus einem Folienverbund (18) mittels vorheriger Ermittlung der Lage der Siegelnähte (26) und geeigneter Anpassung de Lage eines Schnittbilds (28), sowie eine Tiefziehverpackungsmaschine (1) zum Durchführen des oben genannten Verfahrens.

IPC 8 full level
B65B 65/00 (2006.01); **B65B 9/04** (2006.01); **B65B 57/02** (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP US)
B65B 9/04 (2013.01 - EP US); **B65B 57/02** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B65B 61/065** (2013.01 - US); **B65B 65/006** (2013.01 - EP US); **B65B 41/18** (2013.01 - US); **B65B 47/00** (2013.01 - US); **Y10T 83/04** (2015.04 - EP US)

Citation (applicant)
EP 1714886 A1 20061025 - MULTIVAC HAGGENMUELLER GMBH [DE]

Citation (search report)

- [X] DE 2437127 A1 19760219 - MULTIVAC HAGGENMUELLER KG
- [X] DE 19651954 A1 19980618 - BAYER BITTERFELD GMBH [DE]
- [XD] EP 1714886 A1 20061025 - MULTIVAC HAGGENMUELLER GMBH [DE]
- [A] EP 0569933 A1 19931118 - MULTIVAC HAGGENMUELLER KG [DE]
- [A] US 4905159 A 19900227 - LORiot JEAN-MARC [FR]
- [A] US 2599430 A 19520603 - ALBERTS BEUERMAN RALPH

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2551203 A1 20130130; EP 2551203 B1 20150812; DE 102011108939 A1 20130131; ES 2546495 T3 20150924; US 2013025243 A1 20130131; US 9334074 B2 20160510

DOCDB simple family (application)
EP 12004282 A 20120605; DE 102011108939 A 20110729; ES 12004282 T 20120605; US 201213560518 A 20120727