

Title (en)

Sealing station and method for cutting a cover film

Title (de)

Verschleißstation und Verfahren zum Schneiden einer Deckelfolie

Title (fr)

Station de verrouillage et procédé de coupe d'une pellicule de couvercle

Publication

EP 2441683 A1 20120418 (DE)

Application

EP 10013569 A 20101012

Priority

EP 10013569 A 20101012

Abstract (en)

The method involves clamping cover film (8) in first area by tool upper portion and tool lower portion of sealing station (3). The cover film and tray are clamped in second area by sealing frame and tray holder. The relative movement of sealing frame and tray holder with second area of cover film and tray are made with respect to tool lower portion. The cover film is cut during relative movement by contact between cover film and one blade that is mounted on sealing frame. Independent claims are included for the following: (1) sealing station for tray sealing machine; and (2) packaging machine.

Abstract (de)

Die Erfindung bezieht sich auf ein Verfahren zum Schneiden einer Deckelfolie (8) sowie auf eine Verschleißstation (3) einer Schalenverschleißmaschine (1), wobei ein Messer (14) an einem Siegelrahmen (13) oder einem Werkzeugunterteil (16) angebracht ist und der Siegelrahmen (13) eine Relativbewegung (R) gegenüber dem Siegelwerkzeugunterteil (16) ausführt.

IPC 8 full level

B65B 7/16 (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP US)

B65B 7/162 (2013.01 - EP US); **B65B 61/065** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US)

Citation (search report)

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- [A] WO 9746447 A1 19971211 - GRACE W R & CO [US]
- [XI] US 4424659 A 19840110 - PERIGO JOHN A [GB], et al
- [E] EP 2251264 A1 20101117 - MULTIVAC HAGGENMUELLER GMBH [DE]
- [A] DE 10031356 A1 20020117 - A L X METALL VERPACKUNGSTECHNI [DE]
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CN111605751A; CN112319885A; EP3450327A1; WO2022043703A3

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 2441683 A1 20120418; EP 2441683 B1 20121212; ES 2397939 T3 20130312; US 2012085069 A1 20120412; US 9073656 B2 20150707

DOCDB simple family (application)

EP 10013569 A 20101012; ES 10013569 T 20101012; US 201113270480 A 20111011