

Title (en)

Packaging machine with a chamber consisting of an upper and a lower part

Title (de)

Verpackungsmaschine mit einer aus einem Oberteil und einem Unterteil bestehenden Kammer

Title (fr)

Machine d'emballage avec une chambre comportant une partie supérieure et une partie inférieure

Publication

EP 0847920 A1 19980617 (DE)

Application

EP 97121415 A 19971205

Priority

DE 29621761 U 19961214

Abstract (en)

[origin: US5819510A] A packaging machine for the working and processing of at least one length of foil has a chamber consisting essentially of an upper part (1) and a lower part (2). The chamber parts (1,2) are moveable relative to one another on guides (6) on both sides of the foil (24) by means of at least one cylinder-piston arrangement (3) which drives a toggle lever arrangement (4,5). The cylinder-piston arrangement (3) is arranged in the median plane (7) between the guides (6) and drives the toggle lever arrangement (4,5) in the same way under the ends (8) of the guides (6), the toggle lever arrangement (4,5) driving the lower part (2). The toggle lever arrangement (4,5) is operably connected to a liftable and lowerable yolk (11) such that during lifting movement of the lower part (2) the yolk (11) descends, and vice versa, and the yolk (11) is rigidly connected to the upper part (1).

Abstract (de)

Die Erfindung betrifft eine Verpackungsmaschine mit einer im wesentlichen aus einem Oberteil (1) und einem Unterteil (2) bestehenden Kammer zur Be- bzw. Verarbeitung von mindestens einer Folienbahn. Die Kammerteile werden durch eine Zylinder-Kolben-Anordnung (3), die eine Kniehebelanordnung (4,5) antreibt, auf Führungen, welche zu beiden Seiten der Folienbahn angeordnet sind, bewegt. <IMAGE>

IPC 1-7

B65B 9/04

IPC 8 full level

B65B 9/04 (2006.01); **B65B 65/02** (2006.01)

CPC (source: EP US)

B65B 9/04 (2013.01 - EP US); **B65B 65/02** (2013.01 - EP US)

Citation (search report)

- [X] US 3343336 A 19670926 - BRADFORD KENNETH C
- [Y] US 3808772 A 19740507 - TURTSCHAN A
- [Y] US 3837782 A 19740924 - MEISSNER K, et al
- [A] FR 2139141 A1 19730105 - JONES & CO INC R A
- [A] US 3958394 A 19760525 - MAHAFFY REID A, et al

Cited by

DE102004006118A1; DE10351567A1; DE10351567B4; DE102006006218A1; DE102005006782A1; DE102005006782B4; DE102006050415A1; EP0895934A1; US6085497A; US9139320B2; WO2007090652A1; WO2005042349A1; EP3744650A1; EP3998218A1; US11524809B2; WO2019072693A3; EP3294636B1

Designated contracting state (EPC)

AT CH DE ES FR IT LI

DOCDB simple family (publication)

US 5819510 A 19981013; AT E204240 T1 20010915; CA 2224741 A1 19980614; DE 29621761 U1 19980409; DE 59704289 D1 20010920; EP 0847920 A1 19980617; EP 0847920 B1 20010816

DOCDB simple family (application)

US 99061397 A 19971215; AT 97121415 T 19971205; CA 2224741 A 19971212; DE 29621761 U 19961214; DE 59704289 T 19971205; EP 97121415 A 19971205