

Search query (1): PN=(DE102008039099 OR FI20050858 OR EP0042199 OR WO2012123513 OR DE3813309 OR JP2002284344 OR WO2011142656 OR WO2003101705 OR US20080115462 OR WO1999057017 OR WO2002070349 OR DE19813808)

Results: 12

NC2016/0001688

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Search history

Search PN=(DE102008039099 OR FI20050858 OR EP0042199 OR WO2012123513 OR DE3813309 OR JP2002284344 OR WO2011142656 OR 1: WO2003101705 OR US20080115462 OR WO1999057017 OR WO2002070349 OR DE19813808) (Results 12)

Title: Packing machine.

Abstract: Source: EP0042199A1 Automatically collection of flexible articles into containers or boxes has amongst others the disadvantage that the stapling height depends of the number of layers which has already been stapled, and that the laying down of articles has to be intempted when the full container has to be replaced by an empty one. These problems are solved by providing a provisional bottom which can comprise a band (8) having a width substantially corresponding to the width of the box (2), which band has ends which are attached to drums (13, 14) and can be rolled on and off said drums. The band preferably has an opening having substantially the same dimensions as the bottom plane of the box.

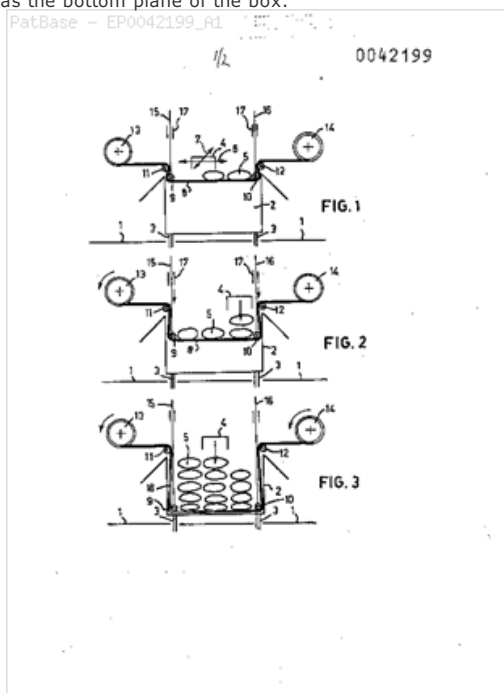
Classifications:

International (IPC 8-9): B65B5/10 (Advanced/Invention)

International (IPC 1-7): B65B5/10

CPC: B65B5/108

European: B65B5/10E



Family:

Publication number	Publication date	Application number	Application date
EP0042199 A1	19811223	EP19810200666	19810615
NL8003442 A	19820104	NL19800003442	19800613

Priority:

NL19800003442 19800613

Probable Assignee: DERCKX HENRICUS A J M

Assignee(s): (std): DERCKX HENRICUS A J M ; DERCKX HENRIKUS ANTONIUS JACOB

Assignee(s): HENRICUS ANTONIUS JACOBUS MARIA DERCKX TE WEERT ; DERCKX HENRICUS ANTONIUS JACOBUS MARIA

Inventor(s): (std): DERCKX HENRICUS ANTONIUS JACOB ; DERCKX HENRIKUS ANTONIUS JACOB

Inventor(s): DERCKX HENRICUS ANTONIUS JACOBUS MARIA

Designated states: CH DE FR GB LI NL

Title: Method for packing commission goods in a manner safe for transportation, packaging unit obtained in this way, and a packaging arrangement

Abstract: A method for packing commission articles (3) in cartons (1) of standard size in a manner safe for transportation is characterised in that a film bag (4) with an outwardly leading mouthpiece (5) is applied on the commission articles (3) introduced into the carton (1). After the carton (1) has been closed by means of a cover part (10), the film bag (4) is inflated in order to fill up the empty volume and to secure the commission articles in position. When a predetermined pressure is reached in the film bag (4), the filling procedure is terminated and the mouthpiece (5) welded. The welded mouthpiece (5) is pushed into the inside of the carton, and the corresponding opening is then closed. The processing station (12) provided for the filling and welding and for the detection of the pressure can also have a timer device for ascertaining the leaktightness of a film bag (4).

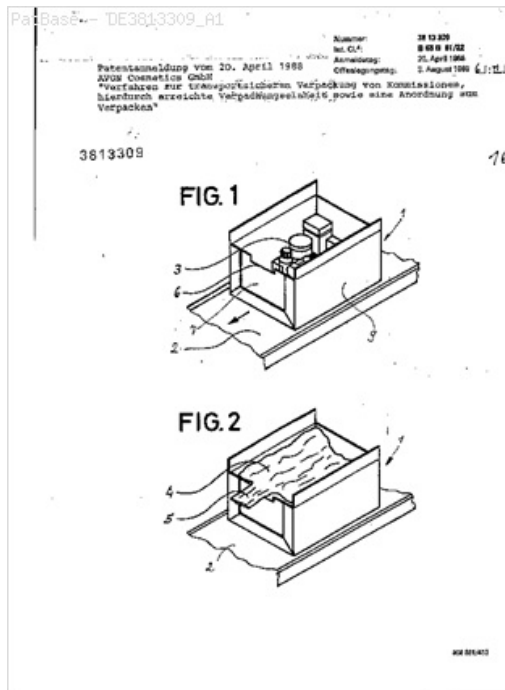
Classifications:

International (IPC 8-9): B65B61/22 B65D81/05 (Advanced/Invention); B65B61/20 B65D81/05 (Core/Invention)

International (IPC 1-7): B65B61/22 B65B7/28 B65D25/10 B65D77/00 B65D81/02 B65D81/16

CPC: B65B61/22 B65D81/052

European: B65B61/22 B65D81/05A1



Family:

Publication number	Publication date	Application number	Application date
DE3813309 A1	19890803	DE19883813309	19880420
DE8705706 U1	19890803	DE19870005706U	19870421

Priority:

DE19870005706U 19870421 DE19883813309 19880420

Probable Assignee: AVON COSMETICS GMBH

Assignee(s): (std): AVON COSMETICS GMBH

Assignee(s): AVON COSMETICS GMBH 8000 MUENCHEN DE

Inventor(s): (std): FRAEBEL EDWIN ; GERNERT EGON ; HABERL DIETER ; KLOSE KLAUS PETER ; MAIER JOSEF ; STIEGLER RICHARD

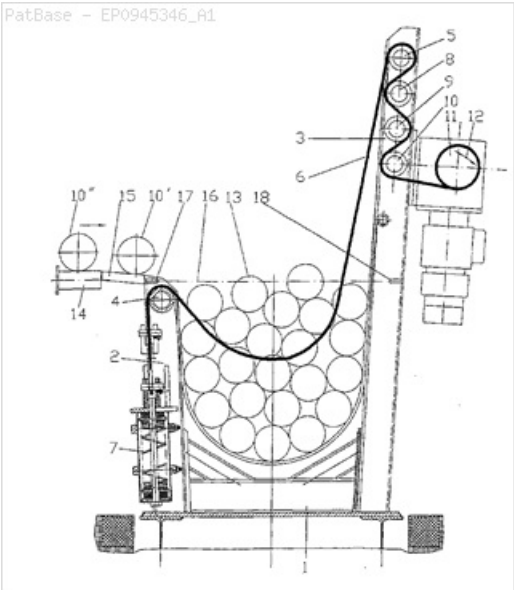
Inventor(s): STIEGLER RICHARD 8050 FREISING DE ; MAIER JOSEF 8000 MUENCHEN DE ; KLOSE KLAUS PETER 8058 ERDING DE ; HABERL DIETER 8057 ECHING DE ; GERNERT EGON 8056 NEUFARN DE ; FRAEBEL EDWIN 8050 FREISING DE

Title: DEVICE FOR GATHERING ELONGATED MATERIAL

Abstract: The material is rolled into the trough via a slope. A transversely tensioned belt (6) on the top of the frame part (2,3) is on a level with the uppermost layer. The belt cooperates with a deflector. A light barrier (17,18), situated at the entry to the trough, emits an impulse causing the belt to drop gradually. The drive part contains at least one further deflector. The drive mechanism has a drum (11) for winding and unwinding the belt.

Classifications:

International (IPC 8-9): B65B27/10 (Advanced/Invention);
B65B27/00 (Core/Invention)
International (IPC 1-7): B65B27/10 B65G1/06 B65G57/18
CPC: B65B27/10
European: B65B27/10



Family:

Publication number	Publication date	Application number	Application date
AT253496 E	20031115	AT19990250077T	19990312
BRPI9902345 A	20000229	BR1999PI02345	19990323
DE19813808 A1	19990930	DE19981013808	19980324
DE19813808 C2	20030410	DE19981013808	19980324
DE59907589 D1	20031211	DE19995007589	19990312
EP0945346 A1	19990929	EP19990250077	19990312
EP0945346 B1	20031105	EP19990250077	19990312

Priority:

DE19981013808 19980324 DE19995007589 19990312

Probable Assignee: V AND M DEUTSCHLAND GMBH

Assignee(s): (std): MANNESMANN AG ; V AND M DEUTSCHLAND GMBH

Assignee(s): MANNESMANN AKTIENGELLSCHAFT ; MANNESMANN AKTIENGESSELLSCHAFT

Inventor(s): (std): BOENIG ALBERT

Inventor(s): ALBERT BOENIG

Designated states: AT DE IT

Title: METHOD AND SYSTEM FOR FILLING GOODS IN BAGS FROM A COHERENT SERIES OF BAG MEMBERS

Abstract: Source: US2003180486A In connection with the packaging of items or loose material in sheet packings it is known to use a web of cohering flat bag members, which is successively conveyed to a filling station, in which the bag members are opened, one by one, for filling and subsequent closing and separation from the web. The free mouth edges of the bag members or the web are profiled for supported conveyance on opposed carrier rods, tubes or gripping chains which, just before the filling station, diverge from each other for effecting opening of the bag members. The invention provides for a flat bag web, the upright edge strip portions of which are caused to be folded down over respective opposed carrier chains. These strip portions are prepared with a row of perforations which, by the said down-folding, are moved down into holding contact with holding pins upwardly projecting from the carrier chains, whereby a very safe carrying and conveying engagement is obtained without any special profilation of the mouth edges and with a simple design of the carrier chains.

Classifications:

International (ipc 8-9): B65B43/12 B65B43/26 B65B43/46

B65D30/00 (Advanced/Invention);

B65B43/12 B65B43/26 (Advanced/Non-invention);

B65B43/00 B65B43/26 (Core/Invention)

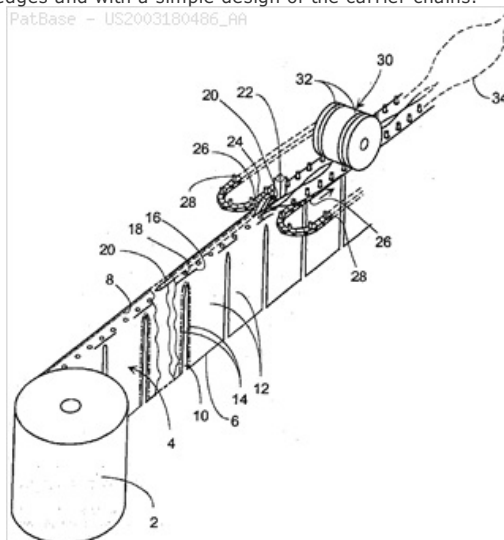
International (ipc 1-7): B31B27/00 B32B1/02 B65B43/12

B65B43/26 B65B9/08 B65D75/42

CPC: Y10T428/13 B65B43/465 B65B43/123

European: B65B43/12B B65B43/46B

US: 383/35 383/37 428/34.1 53/381.2 53/384.1 53/457 53/459



Family:

Publication number	Publication date	Application number	Application date
AT271999 E	20040815	AT19990913128T	19990421
AU199931386 A1	19991123	AU19990031386	19990421
AU753412 B2	20021017	AU19990031386	19990421
BRPI9909800 A	20010130	BR1999PI09800	19990421
CA2329740 AA	20001020	CA19992329740	19990421
CA2329740 AA	19991111	CA19992329740	19990421
CA2329740 C	20080108	CA19992329740	19990421
CN1117011 C	20030806	CN19998005281	19990421
CN1298357 A	20010606	CN19998005281	19990421
CZ20003862 A3	20010912	CZ20000003862	19990421
CZ302751 B6	20111019	CZ20000003862	19990421
DE69918992 D1	20040902	DE19996018992	19990421
DE69918992 T2	20050811	DE19996018992T	19990421
DK1087890 T3	20041129	DK19990913128T	19990421
DK174262 B1	20021021	DK19980000548	19980421
DK54898 A	19991111	DK19980000548	19980421
EP1087890 A1	20010404	EP19990913128	19990421
EP1087890 B1	20040728	EP19990913128	19990421
ES2226363 T3	20050316	ES19990913128T	19990421
HK1037584 A1	20050128	HK20010106966	20011004
HU0103119 AB	20011228	HU20010003119	19990421
HU0103119 AC	20020128	HU20010003119	19990421
HU226909 B1	20100301	HU20010003119	19990421
IN203143 B	20070420	IN2000MN00510	20001016
JP2002513719 T2	20020514	JP20000547001T	19990421
JP4234906 B2	20090304	JP20000547001T	19990421
KR100691299 B1	20070312	KR20007011733	20001021
KR20010042919 A	20010525	KR20007011733	20001021
NO20005252 A	20001019	NO20000005252	20001019
NO20005252 A0	20001019	NO20000005252	20001019
NO317885 B1	20041227	NO20000005252	20001019
NZ507571 A	20020927	NZ19990507571	19990421
PL196547 B1	20080131	PL19990343472	19990421
PL343472 A1	20010827	PL19990343472	19990421
PT1087890 T	20041231	PT19990913128T	19990421
RU2000129149 A	20021127	RU20000129149	19990421
RU2228888 C2	20040520	RU20000129149	19990421
US2003180486 AA	20030925	US20030419170	20030421
US6591586 BA	20030715	US20000647928	20001016
US7048441 BB	20060523	US20030419170	20030421
WO9957017 A1	19991111	WO1999DK00219	19990421
WO9957017 C1	20010208	WO1999DK00219	19990421
ZA200006757 A	20011203	ZA20000006757	20001120

Priority:

DK19980000548 19980421	EP19990913128 19990421	KR20007011733 20001021
US20000647928 20001016	US20030419170 20030421	WO1999DK00219 19990421

Probable Assignee: SCHUR PACKAGING SYSTEMS AS

Assignee(s): (std): PAPE HENRIK ; SCHUR PACKAGING SYSTEMS A S ; Schur Packaging Systems A S ; SCHUR PACKAGING SYSTEMS AS ; SCHUR PACKAGING SYSTEMS AS HOR

Assignee(s): SCHUR PACKAGING SYSTEMS A S HORSENS

Inventor(s): (std): PAPE H ; PAPE HENRIK ; PAPE KHENRIK

Inventor(s): H PAPE ; HENRIK PAPE

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; MARKS AND CLERK; DAVID S

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

Title: METHOD AND APPARATUS FOR FILLING AND VACUUM SEALLING PAIRS OF BAGS.

Abstract: A method and an apparatus for filling and closing pairs of containers (3; 3') in the form of envelopes or bags provided or not with side and/or bottom bellows, made of flexible material, connected with each other by a central union strip, at which strip are their openings opposite to and facing each other for filling the containers with the products so as to form a continuous web (2) of paired containers; in said method the step of sealing the paired containers takes place under vacuum or under a strong negative pressure. For this operation a station (30) is inserted downstream of the filling station (25) which comprises a chamber (32) with a lid (34) for hermetic closure, which can be opened in the surroundings atmosphere and inside which chamber the vacuum or a strong negative pressure can be created after insertion thereto of the filled containers, said chamber (32) being internally provided with electrically heatable jaws for sealing the containers in the absence of air, and a transport unit (10) is provided.

Classifications:

International (IPC 8-9): B02C4/02 B65B31/02 B65B43/12

B65B7/00 (Advanced/Invention);

B65B31/02 B65B43/00 (Core/Invention);

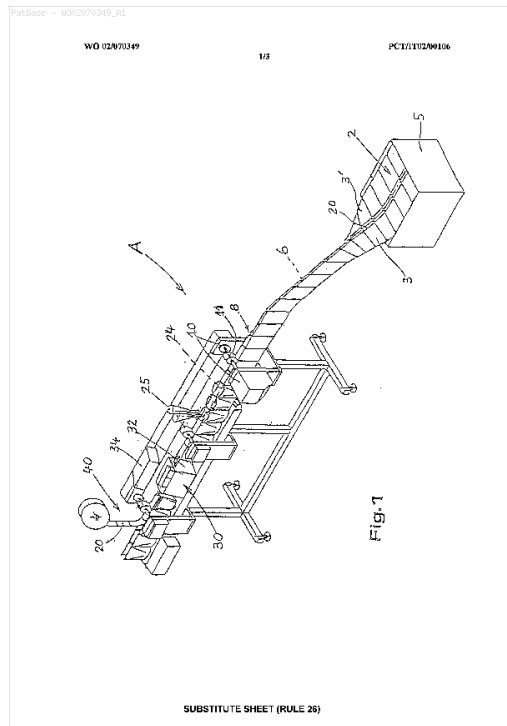
B65B (Subclass/Invention)

International (IPC 1-7): B02C4/02 B31B B65B B65B31/02

B65B43/12 B65B7/00

CPC: B65B31/021 B65B43/123

European: B65B31/02C B65B43/12B



Family:

Publication number	Publication date	Application number	Application date
AT292577 E	20050415	AT20020705040T	20020221
AU2002238827 AA	20020919	AU20020238827	20020221
CN1284702 C	20061115	CN20028009488	20020221
CN1507401 A	20040623	CN20028009488	20020221
DE60203604 D1	20050512	DE20026003604	20020221
DE60203604 T2	20060209	DE20026003604T	20020221
DK1368237 T3	20050718	DK20020705040T	20020221
EP1368237 A1	20031210	EP20020705040	20020221
EP1368237 B1	20050406	EP20020705040	20020221
ES2240701 T3	20051016	ES20020705040T	20020221
HK1065293 A1	20070309	HK20040108037	20041018
HK1065293 A3	20050218	HK20040108037	20041018
IN01277KN2003 A	20060127	IN2003KN01277	20031007
IN202508 B	20070316	IN2003KN01277	20031007
ITMI20010488 A1	20020909	IT2001MI00488	20010308
MA26361 A1	20041101	MA20030027344	20031008
PE08622002 A1	20020921	PE20020000172	20020304
PT1368237 T	20050831	PT20020705040T	20020221
RU2003129813 A	20041220	RU20030129813	20020221
RU2257314 C2	20050727	RU20030129813	20020221
VN6357 A1	20070625	VN20030000892	20020221
WO02070349 A1	20020912	WO2002IT00106	20020221
ZA200307824 A	20041007	ZA20030007824	20031007

Priority:

EP20020705040 20020221 IT2001MI00488 20010308 WO2002IT00106 20020221

Probable Assignee: GOGLIO SPA LUIGI MILANO

Assignee(s): (std): GOGLIO FRANCO ; GOGLIO LUIGI MILANO SPA ; GOGLIO SPA LUIGI MILANO

Assignee(s): GOGLIO LUIGI MILANO S P A ; GOGLIO LUIGI MILANO S P A MILANO

Inventor(s): (std): GOL O FRANKO ; FRANCO GOGLIO ; GOGLIO FRANCO

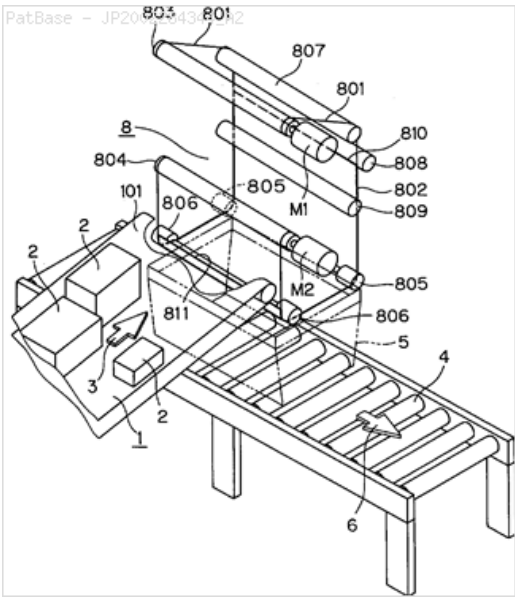
Inventor(s): GOL'O FRANKO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: ARTICLE TRANSFER DEVICE

Abstract: Source: JP2002284344A PROBLEM TO BE SOLVED: To transfer an article into a box body without dropping or damaging the article in an article transfer device for receiving the article conveyed by an article conveyance device and transferring the article into the box body.SOLUTION: The article released from an outlet of the article conveyance device is received by an article recipient, and the article recipient is lowered to a lowering position adjacent to a bottom part of the box body in a state of carrying the article. Then the article recipient is pulled from a lower part of the received article along the

Classifications:
International (IPC 8-9): B65G47/95 (Advanced/Invention);
B65G47/74 (Core/Invention)
International (IPC 1-7): B65G47/95



Family:

Publication number	Publication date	Application number	Application date
JP2002284344 A2	20021003	JP20010089183	20010327

Priority:

JP20010089183 20010327

Probable Assignee: SANDVIK SORTING SYSTEM KK
Assignee(s): (std): SANDVIK SORTING SYSTEM KK
Inventor(s): (std): OBE TOSHIAKI ; OKADA GORO

Title: METHOD OF FORMING FILM FOR THE CONSTRUCTION OF BAGS FOR VACUUM PACKAGING OF PRODUCTS

Abstract: Source: US2006177613A The invention concerns a method of forming a film for the construction of bags for vacuum packing of products which comprises: depositing an additional resin film on the internal face of an initial film, running the initial film complete with the added film between a smooth feed roller and a shaping roller having a multiplicity of alternating peripheral impressions and ridges, and bringing the additional film in close contact with the shaping roller so as to have portions of additional resin flow into the impressions of the shaping roller to form the ridges defining the ducts. The invention also concerns the film realised with the method and the bags constructed using such film.

Classifications:

International (IPC 8-9): B29C47/06 B29C59/04 B32B27/32

B32B38/04 B32B38/06 (Advanced/Invention);

B29C47/00 B32B37/15 B65D81/20 (Advanced/Non-invention);

B29C47/06 B29C59/04 B32B27/32 B32B38/04

B32B38/06 (Core/Invention);

B29C47/00 B32B37/14 B65D81/20 (Core/Non-invention)

International (IPC 1-7): B29C59/04 B32B31/20 B65D81/20

CPC: Y10T156/1023 Y10T428/1334 Y10T428/1352 B32B38/06

B29C47/00 B29C47/0021 B29C47/003 B29C47/0033 B29C59/046

B29L2031/7128 B32B37/153 B32B2439/06 B65D81/2023

B65D81/2038

European: B29C59/04L B32B31/00D4B B32B38/06 L29C47/00

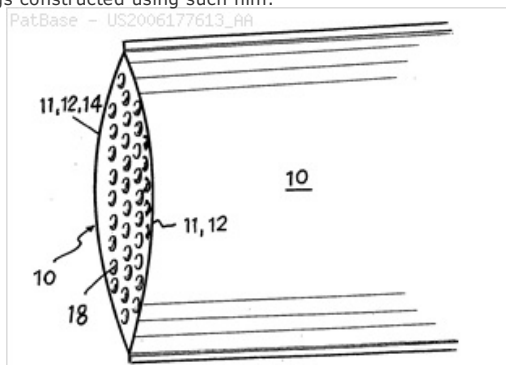
L29L31/7128 L32B31/30 L32B37/15B L32B439/06 L65D81/20B2

L65D81/20B3

US: 156/209 156/209S 156/244.25 156/244.250S 264/173.16

264/173.160S 264/210.2 264/210.200S 428/35.2 428/35.200P

428/35.7 428/35.700S



Family:

Publication number	Publication date	Application number	Application date
AU2003241158 AA	20031219	AU20030241158	20030527
EP1507644 A1	20050223	EP20030730478	20030527
ITBS20020051 A1	20031201	IT2002BS00051	20020530
ITBS20020069 A1	20040203	IT2002BS00069	20020802
US2006177613 AA	20060810	US20030516345	20030527
WO03101705 A1	20031211	WO2003IT00326	20030527

Priority:

IT2002BS00051 20020530 IT2002BS00069 20020802 WO2003IT00326 20030527

Probable Assignee: FLAEM NUOVA SPA

Assignee(s): (std): ABATE LUIGI ; ABATE RICCARDO ; FLAEM NUOVA SPA

Assignee(s): FLAEM NUOVA S P A

Inventor(s): (std): ABATE LUIGI ; ABATE RICCARDO

Inventor(s): LUIGI ABATE ; RICCARDO ABATE

Agent(s): MCGLEW AND TUTTLE PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: Nestepussien pakkauslaitteisto Packningsanlaeggning foer vaetskepasar

Abstract: Source: FI122024B Nestepussien (9), esimerkiksi maitopussien, pakkauslaitteisto, joka kaesittaaee kuljettimet (3, 4) valmiiden maitopussien kuljettamiseksi taeyttoeasemaan pudotuskuljettimen (5) paeaelle, ja yhden tai useamman kuljettimen (6, 7) tyhjien pakkauslaatikoiden kuljettamiseksi taeyttoeasemaan, jossa nestepussit (9) pudotetaan pudotuskuljettimelta (5) suoraan tai vaelillisesti alapuolella olevaan pakkauslaatikkoon (10). Keksintoe on toteutettu siten, ettae pudotuskuljetin (5) on jaerjestetty pussien kuljetussuuntaan naehden kohtisuorassa suunnassa liikuteltavaksi ainakin kahden eri asennon vaelillae, ja ettae laatikoiden (10) taeyttoeasemassa laatikot on jaerjestetty pysaeytettaeviksi ainakin kahteen eri asentoon. En foerpackningsanordning foer vaetskepasar (9), till exempel mjoelkpasar, vilken foerpackningsanordning omfattar transportoerer (3, 4) foer att transporteta faerdiga mjoelkpasar till en fyllningsstation ovanfoer en faellningstransportoer (5), och en eller flera transportoerer (6, 7) foer att transportera tomma foerpackningslador till fyllningsstationen daer vaetskepasarna (9) faells fran faellningstransportoeren (5) in i en nedanfoerliggande foerpackningslada (10) antingen direkt eller indirekt. Uppfinningen aer utfoerd sa, att faellningstransportoeren (5) aer anordnad roerlig mellan atminstone tva olika laegen i en riktning som aer vinkelraet mot pasarnas transportriktning och att ladorna pa ladornas fyllningsstation (10) aer anordnade att stoppas i atminstone tva olika laegen. Fluid bags (9), for example, milk bags, packaging apparatus which kaesittaaee conveyors (3, 4) for finished milk bags to transport taeyttoeasemaan pudotuskuljettimen (5) paeaelle, and one or more conveyors (6, 7) for empty packing boxes for transporting taeyttoeasemaan in which the fluid bags (9) is dropped pudotuskuljettimelta (5) directly or vaelillisesti below the packing box (10). Keksintoe is implemented such ettae the drop-down conveyor (5) is jaerjestetty naehden bags for the transportation direction perpendicular to the direction to be movable in at least two different positions of vaelillae, and ettae boxes (10) taeyttoeasemassa jaerjestetty pysaeytettaeviksi boxes have at least two different positions.

Classifications:

International (IPC 8-9): B65B35/24 B65B43/42 B65B5/10 (Advanced/Invention);

B65B (Subclass/Invention)

CPC: B65B5/101 B65B35/24 B65B43/42

Family:

Publication number	Publication date	Application number	Application date
FI122024 B	20110729	FI20050000858	20050826
FI20050858 A	20070227	FI20050000858	20050826
FI20050858 A0	20050826	FI20050000858	20050826

Priority:

FI20050000858 20050826

Probable Assignee: ELECSTER OYJ

Assignee(s): (std): ELECSTER OYJ

Inventor(s): (std): VIERIMAA HARRI ; VALTONEN ANTTI ; SAVIMAEKI HANNU ; PEKKARINEN PENTTI ; KAUKONEN PERTTI ; HALONEN JUKKA ; ASUNMAA HANNU

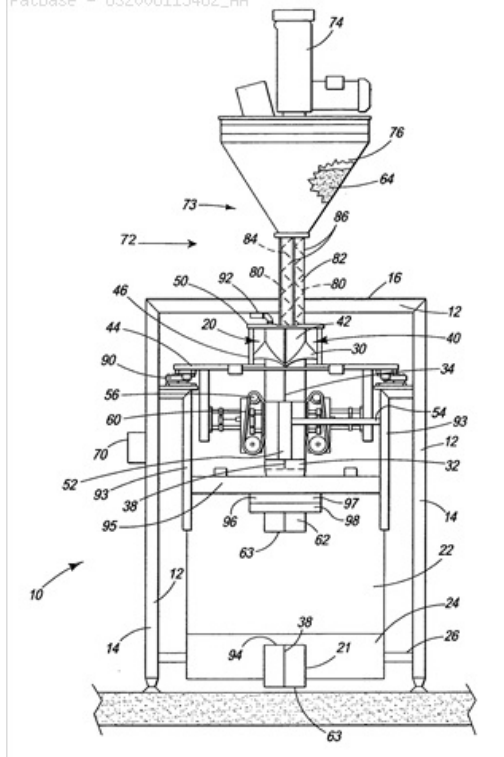
Title: DOUBLE AUGER SYSTEM AND METHOD FOR FILLING BAGS WITH SLURRY

Abstract: Source: US2008115462A A slurry product is packaged into a plastic bag using a modified form-fill-seal apparatus and method of using it. The apparatus has preferably been modified to select the appropriate amount of product slurry by weight. Bags are filled using a dual auger system that includes a bulk auger and a precision auger that fill a bag simultaneously. The augers work together for a first period to rapidly load slurry into a large part of the bag. During a second period, the bulk auger shuts down, allowing the precision auger alone to top-off the bags. The periods are determined either by time or by the volume or weight of the product that has entered the bag.

Classifications:

International (IPC 8-9): B65B1/12 B65B1/30 B65B1/32 B65B3/00 B65B3/04 B65B3/08 B65B3/24 B65B3/26 B65B3/28 B65B3/10 B65B57/02 B65B9/00 B65B9/10 B65B9/12 B65B9/20 B65B9/213 (Advanced/Invention); B65B1/30 B65B3/00 B65B3/04 B65B57/02 B65B9/10 (Core/Invention)
International (IPC 1-7): B65B9/06
CPC: B65B3/24 B65B1/12 B65B3/08 B65B3/34 B65B9/213
European: B65B3/08 B65B3/24 B65B3/30 B65B3/34 B65B9/213
US: 141/192 141/192S 141/317 141/317S 53/450 53/459 53/459P 53/502 53/502S 53/550

PatBase - US2008115462_AA

**Family:**

Publication number	Publication date	Application number	Application date
AR063875 AA	20090225	AR2007P105158	20071120
BRPI0717184 A2	20131008	BR2007PI17184	20071009
CA2667340 AA	20090422	CA20072667340	20071009
CA2667340 C	20110329	CA20072667340	20071009
CL2007003224 A1	20080125	CL20070003224	20071108
CL50495 B	20141209	CL20070003224	20071108
CN101535133 A	20090916	CN200780042692	20071009
CN101535133 B	20121212	CN200780042692	20071009
CO6190547 A2	20100819	CO20090064097	20090619
EP2089281 A2	20090819	EP20070839385	20071009
EP2089281 A4	20150603	EP20070839385	20071009
GC3771 A	20150819	GC2007P009508	20071119
MX2009005111 A1	20090527	MX20090005111	20071009
PE15882008 A1	20081214	PE20070001433	20071023
RU2009117145 A	20101227	RU20090117145	20071009
RU2453483 C2	20120620	RU20090117145	20071009
TW200840769 A	20081016	TW20070143988	20071120
US2008115462 AA	20080522	US20060603578	20061121
US2008115462 AA	20080522	US20060603578	20061122
US2008115462 AA	20080522	US20060603578	20061121
US8042317 BB	20111025	US20060603578	20061121
WO08063294 A2	20080529	WO2007US21565	20071009
WO08063294 A3	20080710	WO2007US21565	20071009

Priority:

US20060603518 20061121 US20060603578 20061121 WO2007US21565 20071009
 US20060603578 20061122

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): DOYLE STANLEY B ; JUNAJTED STEHJTS DZHIPSAM KOMPANI ; KNAUF GIPS KG ; UNITED STATES GYPSUM CO

Assignee(s): UNITED STATES GYPSUM COMPANY

Inventor(s): (std): DOYLE STANLEY ; DOYLE STANLEY B ; DOJL STEHNLI B

Inventor(s): STANLEY B DOYLE ; STANLEY DOYLE

Agent(s): PERLEY ROBERTSON HILL AND MCDUGALL LLP; MOFFAT AND CO; JOHANSSON AND LANGLOIS; DANILO ROMERO RAAD; PONTET BERNARD; SULEIMAN I AL AMMAR LAW OFFICE; GREER BURNS AND CRAIN LTD; PRADIP; PHILIP T; JANJI DAVID F ET AL

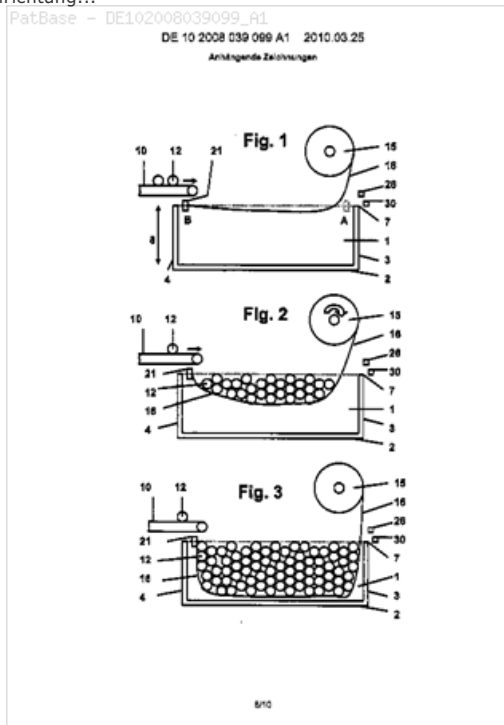
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY
CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN
IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW
MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ
TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: System zum Befuellen eines Behaelters mit Foerdergut

Abstract: Source: DE102008039099B4 System zum Befuellen eines Behaelters (1) mit ueber ein Transportband (10) angeliefertem Foerdergut (12), wobei ein Abdeckband (16) ueber die oeffnung des Behaelters (1) gespannt ist und wobei das waehrend des Fuellvorganges mit Foerdergut (12) beladene Abdeckband (16) in Abhaengigkeit des Fuellgrades des Behaelters (1) derart kontinuierlich tiefer in den Behaelter-Innenraum eintaucht, dass die Fallhoehe fuer das Foerdergut (12) zwischen Transportband (10) und der Oberflaeche des Behaelterinhalts stets einem vorgegebenem Sollwert entspricht, wobei das Abdeckband (16) waehrend des Fuellvorganges des Behaelters (1) unter Einsatz einer Abdeckband-Antriebseinrichtung (17) von einer Rolle (15) abwickelbar ist, der Vortrieb des Abdeckbandes (16) ueber Antriebsrollen (18) erfolgt, eine Abdeckband-Greifvorrichtung (21) zur Arretierung des Endes des Abdeckbandes (16) sowie eine Greifvorrichtung-Antriebseinrichtung (22) fuer die Linearbewegung der Abdeckband-Greifvorrichtung (21) ueber die oeffnung des Behaelters (1) vorgesehen sind, gekennzeichnet durch eine Abdeckband-Trennvorrichtung (26) fuer das Abtrennen des Abdeckbandes (16) von der Rolle (15) und durch eine Trennvorrichtung-Antriebseinrichtung...

Classifications:

International (IPC 8-9): B65B5/08 B65B5/10
B65B57/00 (Advanced/Invention);
B65B5/00 B65B5/10 B65B57/00 (Core/Invention)
CPC: B65B5/101 B65B61/20
European: B65B5/10B B65B61/20



Family:

Publication number	Publication date	Application number	Application date
DE102008039099 A1	20100325	DE200810039099	20080821
DE102008039099 B4	20120823	DE200810039099	20080821

Priority:

DE200810039099 20080821

Probable Assignee: ABB AG

Assignee(s): (std): ABB AG

Inventor(s): (std): MUELLER PETER ; STOLTMANN OLAF ; STOLTMANN OLAF DIPL ING ; STUMPF GUIDO

Title: SYSTEM FOR FILLING A CONTAINER WITH A MOVABLE INTERMEDIATE TEMPORARY BOTTOM

Abstract: Method and equipment for transferring parcels and packets directly into roller cages reducing damage rate due to falling height. The purpose is achieved by automatically inserting into the roller cage (4) a temporary intermediate bottom (8) that will limit the maximum falling height of parcels. No special predisposition or modifications to the roller cages are necessary. The intermediate bottom can be actively set at one or more levels inside the roller cages and then removed, without causing damages to the packets and parcels accumulated. Operation is controlled by the sorter programmable logic controller, using photocells barrier to monitor the roller cage filling, and optimized taking into account the weight and volume of sorted items (17) already sorted and those that are still on the sorter (1) directed to the roller cage. The intermediate bottom (8) can be part of a belt (7), which contains an opening for letting the parcels fall in the cage. Alternatively, the intermediate bottom (8) can be part of an articulated curtain with a pneumatic cushion.

Classifications:

International (IPC 8-9): B07C5/28 B65B5/10 B65G47/44

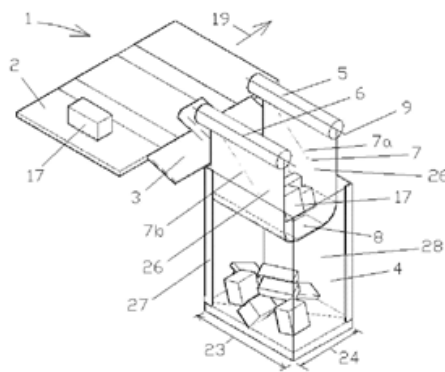
B65G69/16 (Advanced/Invention)

CPC: B65G69/16 B65B5/108

European: B65G69/16

PatBase - WO12123513_A1

FIG. 2



Family:

Publication number	Publication date	Application number	Application date
DE602012018516 D1	20160630	DE201260018516T	20120314
EP2686260 A1	20140122	EP20120708356	20120314
EP2686260 B1	20160518	EP20120708356	20120314
FR2972722 A1	20120921	FR20110052045	20110314
FR2972722 B1	20140221	FR20110052045	20110314
WO12123513 A1	20120920	WO2012EP54496	20120314

Priority:

EP20120708356 20120314 FR20110052045 20110314 WO2012EP54496 20120314

Probable Assignee: CINETIC SORTING S P A

Assignee(s): (std): FIVES INTRALOGISTICS S P A ; LAVELLI SERGIO ; SOLDVAVINI ATTILIO ; SCAUZZO TARAGNINO JACOPO ; MACCHI RICCARDO ; CINETIC SORTING S P A

Assignee(s): CINETIC SORTING SPA ; FIVES INTRALOGISTICS SPA

Inventor(s): (std): LAVELLI SERGIO ; MACCHI RICCARDO ; SCAUZZO TARAGNINO JACOPO ; SOLDVAVINI ATTILIO

Inventor(s): SERGIO LAVELLI ; ATTILIO SOLDVAVINI

Agent(s): LAVOIX MUNICH; BLOT PHILIPPE ROBERT EMILE; CABINET LAVOIX; BLOT PHILIPPE ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW