

PatBase - Search results 18 April 2018

Search query (7): [SP]: compartmented receptacle for use in recycling and waste disposal a receptacle assembly where garbage can be sorted for purposes of recycling. the receptacle assembly includes a main housing that is symmetrically disposed around a central vertical axis. a plurality of internal walls are disposed within the main housing that radially extend from the central axis. the internal walls create compartments within the housing. doors are disposed within the housing. each door provides access to one of the compartments within the housing. a plurality of containers are provided, wherein each of the containers is sized to fit within one of the compartments through the door openings. access openings are disposed either in the lid of the receptacle assembly or in the side surfaces of the main housing. in this manner, different materials can be disposed of in the different compartments of the assembly.
Results: 48

Search history

Search (bin or container) and (recycling or trash) and opening* and (bottom w5 (weight or mass)) and stability (Results 221)
1:

Search 1 and PD<20171101 (Results 216)
2:

Search ((bin or container) w3 (recycling or trash)) and opening* and (bottom w5 (weight or mass)) and stability (Results 10)
3:

Search ((bin or container or can) w3 (recycling or trash or garbage)) and opening* and (bottom w5 (weight or mass)) and stability (Results 4)
4:

Search ((bin or container or can) W3 (recycling or trash or garbage)) and opening* and (bottom w5 (weight or mass)) and stability (Results 33)
5:

Search PN=(US6047843) (Results 1)
6:

Search [SP]: compartmented receptacle for use in recycling and waste disposal a receptacle assembly where garbage can be sorted for purposes of recycling. the receptacle assembly includes a main housing that is symmetrically disposed around a central vertical axis. a plurality of internal walls are disposed within the main housing that radially extend from the central axis. the internal walls create compartments within the housing. doors are disposed within the housing. each door provides access to one of the compartments within the housing. a plurality of containers are provided, wherein each of the containers is sized to fit within one of the compartments through the door openings. access openings are disposed either in the lid of the receptacle assembly or in the side surfaces of the main housing. in this manner, different materials can be disposed of in the different compartments of the assembly. (Results 48)
7:

Title: COMPARTMENTED RECEPTACLE FOR USE IN RECYCLING AND WASTE DISPOSAL

Abstract: Source: US6047843A [EN] A receptacle assembly where garbage can be sorted for purposes of recycling. The receptacle assembly includes a main housing that is symmetrically disposed around a central vertical axis. A plurality of internal walls are disposed within the main housing that radially extend from the central axis. The internal walls create compartments within the housing. Doors are disposed within the housing. Each door provides access to one of the compartments within the housing. A plurality of containers are provided, wherein each of the containers is sized to fit within one of the compartments through the door openings. Access openings are disposed either in the lid of the receptacle assembly or in the side surfaces of the main housing. In this manner, different materials can be disposed of in the different compartments of the assembly.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/10

B65F1/14 (Advanced/Invention);

B65F1/00 B65F1/10 B65F1/14 (Core/Invention)

International (IPC 1-7): B65D21/02 B65F1/08

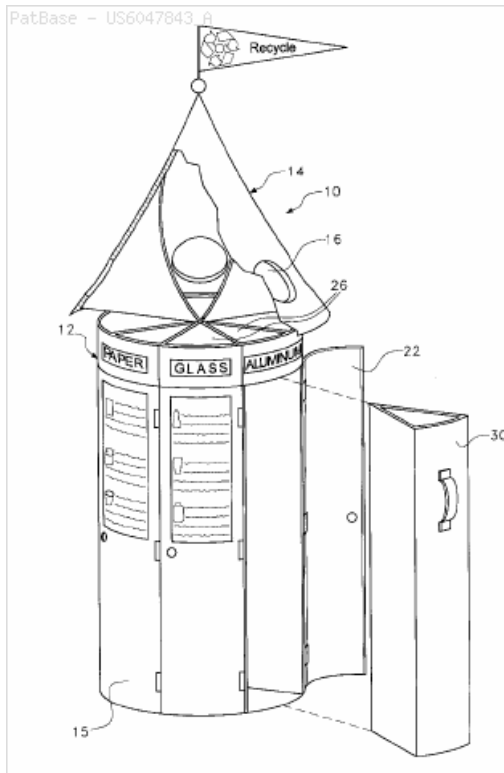
CPC: Y10S220/909 B65F1/006 B65F1/10 B65F1/1426 B65F2210/1126 B65F2210/1128

European: B65F1/00B4B B65F1/10 B65F1/14D L65F210/112F

L65F210/112G

US: 220/23.4 220/23.88 220/234 220/908.1 220/908.3 220/909

232/43.1 232/43.2 232/431 232/432



Family:

Publication number	Publication date	Application number	Application date
US6047843 A	20000411	US19990354855	19990729

Priority:

US19990354855 19990729

Probable Assignee:

MECKE DEIRDRE L

Assignee(s): (std):

MECKE DEIRDRE L

Inventor(s): (std):

MECKE DEIRDRE L

Title: MULTI-COMPARTMENT CONTAINER WITH COLLAPSIBLE BOTTOM FOR MECHANIZED RECYCLABLE-TRASH COLLECTION

Abstract: Source: US5228591A [EN] A multi-compartment trash container that comprises two main components. An inner core consists of a circular bottom plate with a convex surface sloped downward toward the perimeter of the container and several vertical baffles connected to a common vertical shaft extending upward from the center of the bottom plate, so that wedge-like sections with slanted bottoms are formed around the vertical axis of the container. An outer cover consists of a conforming bottomless cylindrical structure having a top end with openings corresponding to the sections in the inner core and a collar at the center for slidably engaging the top of the vertical shaft in the inner core. Thus, the outer cover is slidably mounted on the inner core to form a container with multiple enclosed compartments and a spring-loaded push-plate is provided at the top of the shaft to push the inner core downward with respect to the outer cover. An outward annular flange attached to the bottom edge of the cylindrical structure provides a base for supporting the outer cover while the inner core is made to slide downward through an appropriately sized hopper to discharge its contents into a collection vehicle. A specially designed handle makes it possible for a mechanized arm on the vehicle to lift the container and correctly align it for positioning on the hopper.

Classifications:

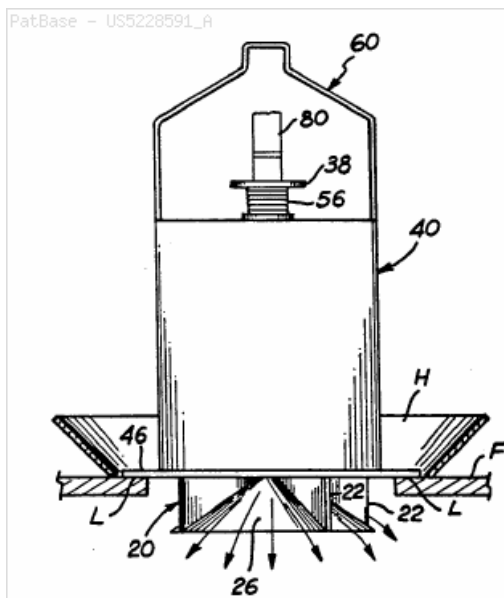
International (IPC 8-9): B65F1/12 B65F3/02 (Advanced/Invention);
B65F1/12 B65F3/02 (Core/Invention)

International (IPC 1-7): B65D25/04

CPC: Y10S220/909 B65F3/0203 B65F1/125

European: B65F1/12D B65F3/02A

US: 220/262 220/281 220/527 220/528 220/909 222/136 222/160

**Family:**

Publication number	Publication date	Application number	Application date
US5228591 A	19930720	US19920958817	19921009

Priority:

US19920958817 19921009

Probable Assignee:

JONES JOHN S

Assignee(s): (std):

JONES JOHN S

Inventor(s): (std):

JONES JOHN S

Title: RECEPTACLE FOR RECYCLABLE MATERIALS

Abstract: Source: US5662235A [EN] A receptacle for recyclable materials includes an outer housing with a plurality of separate containers removably held therein for receiving different types of recyclable materials, such as glass, metal, plastic and paper refuse normally encountered in a typical household. The outer housing has a removable cover with a plurality of openings therein and a separate pivotable lid closing each opening. Each opening and associated lid is in alignment with a respective container held in the housing, so that material can be placed through the openings in the cover and into the respective containers without the need for removing the cover from the housing. When one or more containers are full, the cover can be removed and the container or containers lifted out by a handle attached to the container. Provision on the housing cover of a lid for each container simplifies emptying of the individual containers when they are removed from the housing. The receptacle of the invention can be used for separately storing other materials, such as, e.g., soiled laundry.

Classifications:

International (IPC 8-9): B65F1/08 B65F1/14

B65F1/16 (Advanced/Invention);

B65F1/04 B65F1/14 B65F1/16 (Core/Invention)

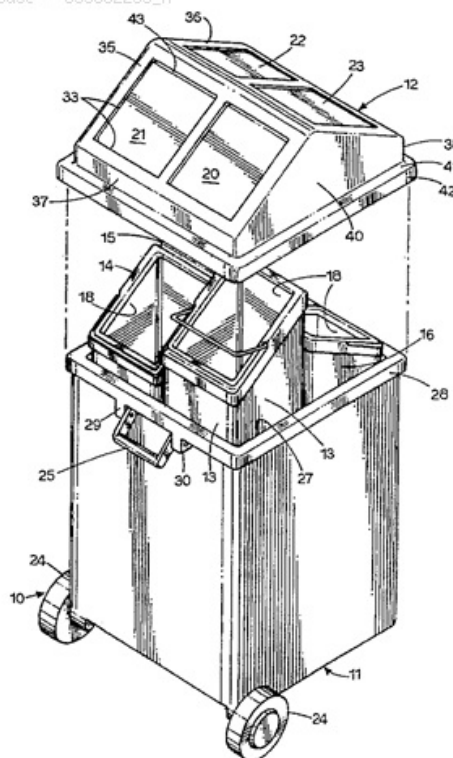
International (IPC 1-7): B65D1/24

CPC: Y10S220/909 Y02W30/60 B65F1/1607 B65F1/085 B65F1/1468

European: B65F1/08P B65F1/14G B65F1/16B

US: 220/23.86 220/23.87 220/410 220/524 220/909

PatBase - US5662235_R

**Family:**

Publication number	Publication date	Application number	Application date
AU199743272 A1	19990322	AU19970043272	19970829
US5662235 A	19970902	US19960645085	19960513
WO9911525 A1	19990311	WO1997US14171	19970829

Priority:

US19960645085 19960513 WO1997US14171 19970829

Probable Assignee: NIETO DANIEL

Assignee(s): (std): DANIEL NIETO ; NIETO DANIEL

Inventor(s): (std): NIETO DANIEL

Inventor(s): DANIEL NIETO

Designated states: AT AU BE CA CH CN DE DK ES FI FR GB GR IE IT LU MC MX NL PT SE

Title: APPARATUS FOR ASSIST IN RECYCLING OF REFUSE

Abstract: Source: US5257577A [EN] An apparatus which collects recyclable refuse in sorted compartments. Through either automatic sensors or through an operator panel, the apparatus determines the contents of the refuse and directs it to the proper compartment or container. In this manner, recyclable material such as aluminum cans, glass bottles, plastics, etc. are easily sorted to encourage the recycling of this material. Further, periodically, the refuse within the compartments are compacted and disinfected to reduce handling requirements and odors.

Classifications:

International (ipc 8-9): B09B3/00 B30B9/30 B65F1/00 B65F1/14 (Advanced/Invention);

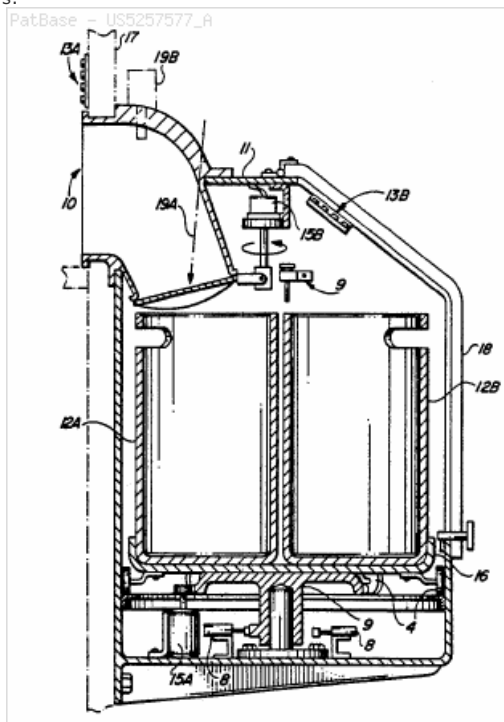
B09B3/00 B30B9/00 B65F1/00 B65F1/14 (Core/Invention)

International (ipc 1-7): B30B15/00

CPC: Y10S209/93 Y10S220/909 B30B9/3075 B09B3/0025 B65F1/0093 B65F1/1426 B65F2001/008 Y02W30/10 Y02W30/60

European: B09B3/00D B30B9/30H B65F1/00C B65F1/14D L65F1/00B12

US: 100/215 100/221 100/223 100/229A 100/99 141/248 141/83 209/655 209/706 209/930 220/909 232/43.2 232/432 232/44



Family:

Publication number	Publication date	Application number	Application date
US5257577 A	19931102	US19920902836	19920623

Priority:

US19910678740 19910401 US19920902836 19920623

Probable Assignee:

CLARK MELVIN D

Assignee(s): (std):

CLARK MELVIN D

Inventor(s): (std):

CLARK MELVIN D

Title: MULTIPLE COMPARTMENT REFUSE CONTAINER

Abstract: Source: US3893615A [EN] A multiple compartment refuse container is provided wherein the compartments have doors both at the top and at the sides of the compartment structure. The refuse container may be used with plastic bags which are easily fastened inside of the container or it may be used with conventional garbage cans. The user of the container merely lifts the top and drops refuse therein and the container is easily emptied by means of side doors. The container is ordinarily built in two or four compartment models but any number of compartments may be employed.

Classifications:

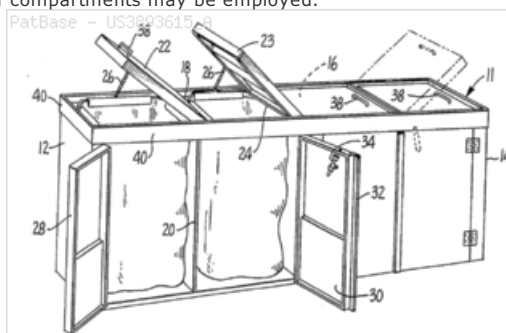
International (IPC 8-9): B65F1/04 B65F1/06 (Advanced/Invention); B65F1/04 (Core/Invention)

International (IPC 1-7): B65D91/00 E04H1/12

CPC: Y10S220/909 B65F1/067 B65F1/04 B65F1/068 B65F1/1426

European: B65F1/04 B65F1/06P

US: 220/495.08 220/524 220/909 232/43.2 232/432 248/95 248/99 D6/440 D6/667



Family:

Publication number	Publication date	Application number	Application date
US3893615 A	19750708	US19730411680	19731101

Priority:

US19730411680 19731101

Probable Assignee: PEERLESS PORTABLE METAL BUILDI
Assignee(s): (std): PEERLESS PORTABLE METAL BUILDI
Assignee(s): PEERLESS PORTABLE METAL BUILDINGS INC
Inventor(s): (std): JOHNSON WILLIAM R

Title: COLLECTOR CONTAINER FOR REUSABLE WASTE MATERIALS

Abstract: Source: US5525020A [EN] PCT No. PCT/EP92/02530 Sec. 371 Date Jun. 21, 1994 Sec. 102(e) Date Jun. 21, 1994 PCT Filed Nov. 4, 1992 PCT Pub. No. WO93/10026 PCT Pub. Date May 27, 1993. A collector container, for recyclable materials, is formed around a central body. At least three partial containers each has a closed outer side and a closed top and a closed bottom, as well as an inner side provided with an exit opening therein. Each of the partial containers also is provided with an entrance opening in an upper portion thereof for receiving a recyclable material therein. The outer sides of the partial containers in their closed positions combining to describe a cube. The partial containers extending to mid-planes of the cube with the central body arranged along a line of intersection of the mid-planes. Each of the partial containers is hingedly joined to the central body between a closed position wherein the inner side engages the wall means to close that partial container's exit opening, and an open position wherein the material container's inner wall is tilted away from the central body to expose the exit opening of that partial container downwardly for dumping said recyclable material therefrom. A hoisting mechanism is provided for lifting selectively each of the partial containers between their respective closed and open positions.

Classifications:

International (ipc 8-9): B65D88/56 B65F1/00 B65F1/12

B66C1/66 (Advanced/Invention)

International (ipc 1-7): B65B69/00 B65D88/12 B65D88/56

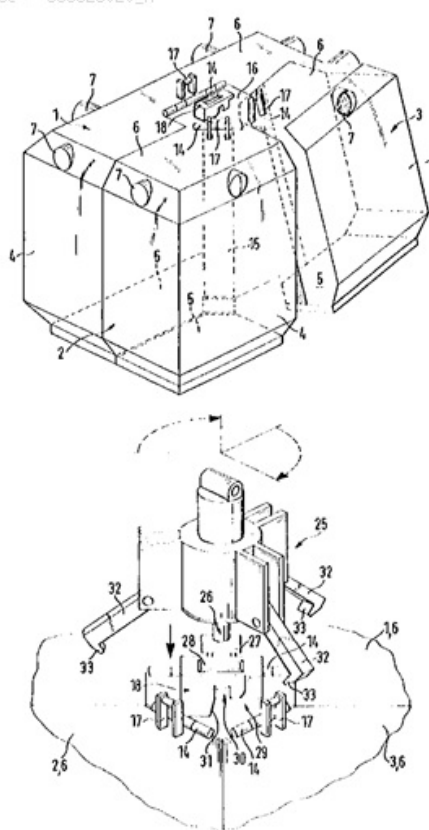
B65F1/00 B65F1/12 B66C1/66

CPC: Y10S220/909 Y02W30/60 B65F1/004 B65F1/125

European: B65F1/00B2 B65F1/12D

US: 220/23.8 220/909 232/43.1 414/422

PatBase - US5525020_A



Family:

Publication number	Publication date	Application number	Application date
AT121699 E	19950515	AT19920923239T	19921104
CA2123589 AA	19940513	CA19922123589	19921104
DE4137594 C1	19921112	DE19914137594	19911115
DE59202046 D1	19950601	DE19925002046	19921104
DK0611361 T3	19950904	DK19920923239T	19921104
EP0611361 A1	19940824	EP19920923239	19921104
EP0611361 B1	19950426	EP19920923239	19921104
ES2073935 T3	19950816	ES19920923239T	19921104
US5525020 A	19960611	US19940240722	19940621
WO9310026 A1	19930527	WO1992EP02530	19921104

Priority:

DE19914137594 19911115

DE19925002046 19921104

WO1992EP02530 19921104

Probable Assignee: GIST BROCADES BV

Assignee(s): (std): BERNHARD REILING GLAS RECYCLIN ; REILING B GLAS RECYCLING ; BERNARD REILING GLAS RECYCLING

Assignee(s): BERNARD REILING GLAS RECYCLING GMBH GERMAN CORP ; GIST BROCADES WATERINGSEWEG BV ; GIST BROCADES BV ; BERNHARD REILING GLAS RECYCLING GMBH 4834 HARSEWIN ; BERNHARD REILING GLAS RECYCLING GMBH 4834 HARSEWINKEL DE ; REILING BERNHARD ; BERNHARD REILING GLAS RECYCLING GMBH ; BERNHARD REILING GLAS RECYCLING GMBH 33428 HARSEWI ; BERNHARD REILING GLAS RECYCLING GMBH 33428 HARSEWINKEL DE

Inventor(s): (std): REILING BERNHARD

Inventor(s): REILING BERNHARD 4834 HARSEWINKEL DE ; REILING BERNHARD D 33428 HARSEWINKEL DE

Agent(s): FETHERSTONHAUGH AND CO

Designated states: AT BE BG CA CH CS DE DK ES FR GB GR HU IE IT LI LU MC NL NO PL RO RU SE UA US

Title: COMPARTMENTED RECEPTACLE

Abstract: Source: US4905853A [EN] A trash can has a rim at its upper end. A divider, made up of a plurality of arms, cooperates with the rim to form a plurality of open spaces at the top of the can. The arms of the divider are supported by sockets mounted on the rim. Plastic trash bags hang below the open spaces. The bags are supported by projections or hooks on the divider and on the rim of the can. A cover or lid for the trash can has a generally vertical sidewall having a door above each trash bag.

Classifications:

International (ipc 8-9): B65F1/06 B65F1/16 (Advanced/Invention);

G09F23/00 (Advanced/Non-invention);

B65F1/04 B65F1/16 (Core/Invention);

G09F23/00 (Core/Non-invention)

International (ipc 1-7): B65D1/24 B65D21/02 B65D90/04 B65F1/06 B65F1/16

CPC: Y10S220/909 Y10S220/908 B65F1/06 B65F1/067 B65F1/1607 G09F2023/0025

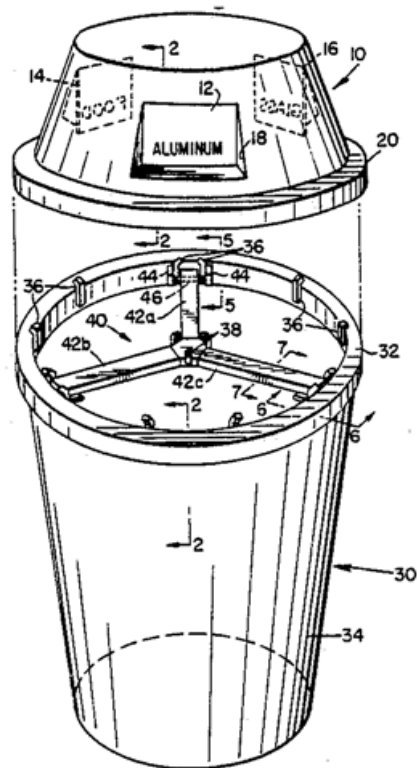
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US: 220/1T 220/22 220/23.83 220/254 220/254.2 220/334 220/404

220/495.08 220/495.09 220/495.11 220/523 220/524 220/533

220/825 220/826 220/908 220/908.1 220/909 248/100 D34/5 D34/7

PatBase - US4905853_A



Family:

Publication number	Publication date	Application number	Application date
CA2008793 AA	19900806	CA19902008793	19900129
US4905853 A	19900306	US19890307912	19890209
US5085342 A	19920204	US19900468157	19900122
US5160062 A	19921103	US19910780995	19911023
US5310078 A	19940510	US19930104924	19930812

Priority:

CA19902008793 19900129
US19890307912 19890209
US19930104924 19930812

US19890307912 19890206
US19900468157 19900122

US19910780995 19911023
US19910780996 19911023

Probable Assignee:

STRAWDER GLENN G

Assignee(s): (std):

STRAWDER GLENN G

Inventor(s): (std):

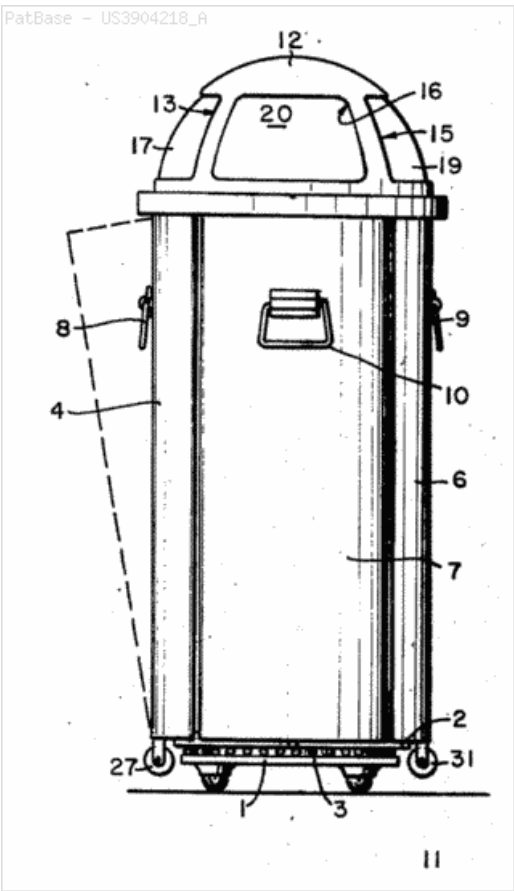
STRAWDER GLENN G

Title: COMPLEMENTARY TRASH CAN UNIT

Abstract: Source: US3904218A [EN] A complementary trash can unit comprises a movable base member. A platform is rotatably mounted on the base member for free rotation in a plane substantially parallel to the plane of the base member. A plurality of trash cans of the same configuration each complementing the others rest on the platform. Holding devices at the bottom of each can and formed in the platform releasably hold the cans on the platform. Wheels on the bottom of each can permit movement of each can on the ground after removal from the platform. A common cover covers the cans in position on the platform.

Classifications:

International (IPC 8-9): B60B33/00 B62B3/10 B65F1/00 B65F1/14 B65F1/16 (Advanced/Invention);
B60B33/00 B62B3/10 B65F1/00 B65F1/14 B65F1/16 (Core/Invention)
International (IPC 1-7): B60B3/02
CPC: Y10S220/909 B65F1/1473 B60B33/00 B62B3/10 B65F1/0066 B65F1/1607
European: B60B33/00 B62B3/10 B65F1/00B4C B65F1/14G2 B65F1/16B
US: 220/23.4 220/909 232/43.2 280/79.2 D34/008 D34/8



Family:

Publication number	Publication date	Application number	Application date
US3904218 A	19750909	US19730411470	19731031

Priority:

US19730411470 19731031

Probable Assignee:

RAYMOND LEE ORGANIZATION INC

Assignee(s): (std):

RAYMOND LEE ORGANIZATION INC

Assignee(s):

THE RAYMOND LEE ORGANIZATION INC

Inventor(s): (std):

KOSTIC ELEANOR E

Abstract: Source: US537790A [EN] An assembly is provided for housing multiple waste receptacles. The assembly includes a generally hollow enclosure that has a floor portion, a pair of spaced apart side portions attached to and extending upwardly from the floor portion, a rearward portion interconnecting the side portions and an opening into the interior of the enclosure, which opening extends between the floor portion and an upper edge region of the rearward portion and further extends between the side portions. A door is hingedly connected to at least one of the upper edge region of the rearward portion and side portions. The door is selectively raised to expose the opening, whereby waste receptacles may be introduced into and removed from the enclosure, and lowered to generally close the opening. The door has a plurality of drop holes in communication with corresponding waste receptacles in the enclosure for receiving waste therethrough and directing the waste to the corresponding waste receptacles.

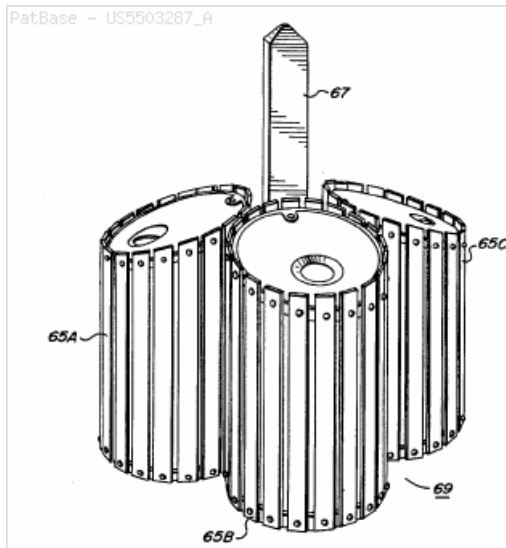
GUARD PAUL P

Title: LID AND STRUCTURAL ARRANGEMENT FOR RECYCLING AND REFUSE RECEPTACLES

Abstract: Source: US5503287A [EN] A cast aluminum structural ring into which is seated a cast aluminum top normally locked to the structural ring and secured by threaded-type fastenings to the upper portions of a slatted-type slanted top receptacle for recycled materials or refuse materials. The outside portion of the structural ring is provided with an angle which varies from portion to portion of the outside surface of the structural ring to conform it to the angle with which it meets the inside of the slats of the slatted receptacle when the structural ring is inserted into the receptacle at approximately the same angle as the slanted top of the receptacle. Preferably the outside of the structural ring and a further reinforcing ring are slightly inclined inwardly with respect to the vertical axis of the receptacle to provide a pleasing bow to the outward surface of the receptacle.

Classifications:

International (IPC 8-9): B65D8/08 B65F1/00 B65F1/14 B65F1/16 (Advanced/Invention); B65D8/04 B65F1/00 B65F1/14 B65F1/16 (Core/Invention)
International (IPC 1-7): B65D8/00 B65D8/08 B65F1/16
CPC: B65F1/0066 B65F1/0073 B65F1/14 B65F1/1607 B65F1/1615 Y10S220/909 Y10S220/908
European: B65F1/00B4C B65F1/00B4D B65F1/14 B65F1/16B B65F1/16C
US: 217/76 217/88 220/23.91 220/254.1 220/352 220/4.05 220/4.11 220/401 220/908 220/909

**Family:**

Publication number	Publication date	Application number	Application date
US5503287 A	19960402	US19940213367	19940314
US5624050 A	19970429	US19930105905	19930901

Priority:

US19920857379 19920325 US19930105905 19930901 US19940213367 19940314

Probable Assignee:

HAAS PHILIP C

Assignee(s): (std):

HAAS PHILIP C

Inventor(s): (std):

GAMMONS DAVID L ; HAAS PHILIP C

Title: CONTAINER, PARTICULARLY FOR COLLECTING PRODUCTS TO BE RECYCLED

Abstract: Source: US4114776A [EN] A container for collecting products to be recycled comprises a tall, long and relatively narrow generally rectangular body having openings along the top of its longer side walls for introducing products, and an outlet in a narrow end wall for removing collected products by tipping the container. The container body is preferably divided by transverse partitions into separate compartments of adjustable volume for receiving different products which can be removed separately through the outlet by freeing lower flaps on the partitions.

Classifications:

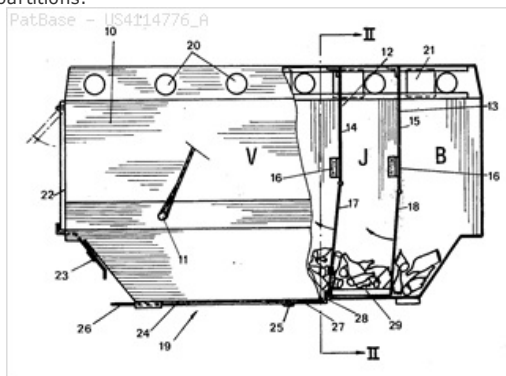
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B65F1/00 (Core/Invention)

International (IPC 1-7): B65D25/04 B65D6/00 B65D7/06 B65D85/00
B65F1/00 B65F1/02 B65F1/14 B65J1/02

CPC: Y10S220/909 Y02W30/60 B65F1/0046

European: B65F1/00B2B

US: 217/8 220/22 220/531 220/909 232/43.1



Family:

Publication number	Publication date	Application number	Application date
CH605338 A	19780929	CH19750016652	19751222
DE2657867 A1	19770623	DE19762657867	19761221
FR2336319 A1	19770722	FR19760015143	19760510
FR2336319 B1	19810612	FR19760015143	19760510
GB1509514 A	19780504	GB19760053428	19761221
US4114776 A	19780919	US19760752553	19761220

Priority:

CH19750016652 19751222

Probable Assignee:

PLUSS E

Assignee(s): (std):

PLUSS E ; PLUSS ERNEST

Inventor(s): (std):

PLUSS ERNEST

Inventor(s):

ERNEST PLUSS

Title: WASTE STORAGE DEVICE

Abstract: Source: US2005044819A [EN] The present invention discloses an automated sealing waste disposal apparatus using tubular material.

Classifications:

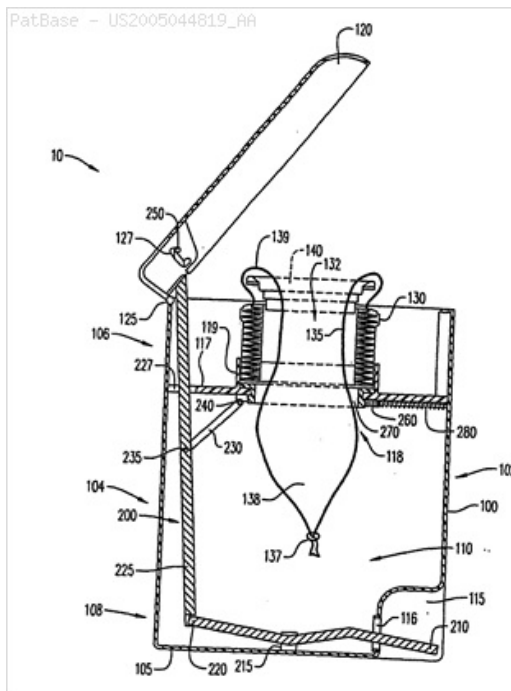
International (ipc 8-9): A47K11/02 A61N1/32 B65B43/42 B65B51/00 B65B67/06 B65B67/12 B65B7/12 B65B9/10 B65B9/15 B65B9/18 B65D25/14 B65D35/14 B65D43/26 B65D85/00 B65D85/04 B65D90/00 B65F1/06 B65F1/10 B65F1/14 B65F1/16 B65H35/00 C12M1/00 G01D5/34 G01J9/00 (Advanced/Invention); B29C65/00 B29C65/38 B29L31/00 B65B63/02 B65B9/12 (Advanced/Non-invention); B65B43/42 B65B67/00 B65F1/04 B65F1/14 B65F1/16 (Core/Invention); B65B63/00 B65B9/10 (Core/Non-invention)

International (ipc 1-7): B65B7/12 B65B9/00 B65B9/10 B65B9/15 B65D43/14 B65D43/26 B65D85/00 B65D90/04 B65F1/06 B65F1/10 B65F1/14 B65F1/16 C12M1/00

CPC: A61N1/325 B65F1/062 B65B7/12 B65B9/15 B65B67/1277 B65F1/1426 B65F1/1607 B65F2210/1675 B65F2240/132 B29C65/38 B29C66/1122 B29C66/43 B29L2031/7128 B65B2067/1283 B65F1/1405 B65F1/163 B65F2210/124 B65F2210/167 B29C65/00 B29C66/4312 B29C66/83241

European: A61N1/32E B65B67/12M2 B65B7/12 B65B9/15 B65F1/06B B65F1/14B B65F1/14D B65F1/16B B65F1/16D1 L29C65/38 L29C66/1122 L29C66/43 L29L31/7128 L65B67/12N L65F210/124 L65F210/167 L65F210/167T L65F240/132

US: 1/1 206/303 220/252 220/264 220/264S 220/495.06 220/495.06P 220/495.07 220/908.1 4/484 435/283.1 435/283.100P 435/283.100S 44/84 53/37 53/370 53/370S 53/390 53/459 53/459P 53/469 53/469S 53/483 53/483S 53/526 53/548 53/549 53/567 53/567S 53/576 53/576P 53/576S 53/577 53/577S

**Family:**

Publication number	Publication date	Application number	Application date
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CA2443680 C	20090825	CA20022443680	20020410
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US2005106706 AA	20050519	US20020477041	20020410
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US2012152958 A9	20120621	US20060390941	20060327
US2015068155 AA	20150312	US20140542940	20141117
US2015068165 AA	20150312	US20140542946	20141117
US2017217675 A9	20170803	US20140542940	20141117
US2017282442 AA	20171005	US20170629339	20170621
US2017320662 AA	20171109	US20170630211	20170622
US7350663 BB	20080401	US20020477041	20020410
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Priority:

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Probable Assignee: PLAYTEX PRODUCTS INC

Assignee(s): (std): EDGEWELL PERSONAL CARE CANADA ULC ; EDGEWELL PERSONAL CARE BRANDS LLC ; LESLIE STUART ; PETRIE AIDAN ; KIM TAEK ; CHOMIK RICHARD S ; EVEREADY BATTERY INC ; PLAYTEX

PRODUCTS INC ; STUART LESLIE ; TAEK KIM ; SEJNOWSKI JOE ; YOHO MARK

Assignee(s): PLAYTEX PRODUCTS LLC ; TANNING RESEARCH LABORATORIES INC ; WELLS FARGO BANK MINNESOTA NATIONAL ASSOCIATION ; WELLS FARGO BANK NATIONAL ASSOCIATION ; EVEREADY BATTERY CO LLC ; EVEREADY BATTERY CO INC ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; EDGEWELL PERSONAL CARE BRANDS LLC ; GENERAL ELECTRIC CAPITAL CORP ; GE CANADA FINANCE HOLDING CO

Inventor(s): (std): CHOMIK RICHARD S ; STUART LESLIE ; TAEK KIM ; YOHO MARK ; SEJNOWSKI JOE ; PETRIE AIDAN ; RICHARD S CHOMIK ; LESLIE STUART ; KIM TAEK

Inventor(s): MARK YOHO ; JOE SEJNOWSKI ; AIDAN PETRIE ; CHOMIK RICHARD

Agent(s): GIERCZAK EUGENE J A; RIDOUT AND MAYBEE LLP; SMART AND BIGGAR; PILLSBURY WINTHROP LLP; CHARLES NJ RUGGIERO, OHLANDT GREELEY RUGGIERO AND PERLE; CHARLES NJ RUGGIERO OHLANDT GREELEY RUGGIERO AND PERLE; CHARLES NJ RUGGIERO ESQ OHLANDT GREELEY RUGGIERO AND PERLE LLP; CHARLES NJ RUGGIERO OHLANDT GREELEY RUGGIERO AND PERLE LLP; OHLANDT GREELEY RUGGIERO AND PERLE LLP; ENERGIZER PERSONAL CARE LLC; EDGEWELL PERSONAL CARE BRANDS LLC

Designated states: CA MX US

Title: Housing of recycling bins

Abstract: Source: GB2393102A [EN] A recycling housing for receiving waste products to be recycled comprises a plurality of chambers mounted together; each chamber formed with an openable and closable access door 4 for the passage therethrough of a holding vessel 6 for waste products. Each chamber is formed with at least one opening therein for the passage therethrough of waste products to be received in a respective holding vessel whilst the door is closed. The openings may be in the front wall 3 and the doors 4 in the back wall. A roof 10 may extend over and in front of the chambers. Each vessel 6 may have a lifting ring on its top and a base enabling it to be carried by a fork-lift mechanism.

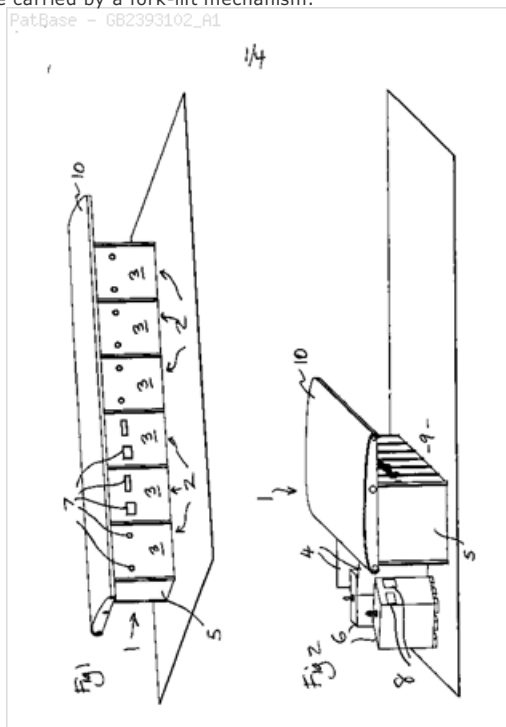
Classifications:

International (IPC 8-9): B65F1/14 (Advanced/Invention);
B65F1/14 (Core/Invention)

International (IPC 1-7): B65F1/00

CPC: B65F1/1426 B65F1/1468 B65F2210/1121

European: B65F1/14D B65F1/14G L65F210/112A



Family:

Publication number	Publication date	Application number	Application date
GB200221835 A0	20021030	GB20020021835	20020920
GB2393102 A1	20040324	GB20020021835	20020920

Priority:

GB20020021835 20020920

Probable Assignee: VALPAK LTD

Assignee(s): (std): VALPAK LTD

Assignee(s): VALPAK LIMITED

Inventor(s): (std): GOUGH STEVEN ; MCCAFFERY ANDREW ; SIMPSON DUNCAN

Inventor(s): STEVEN GOUGH ; ANDREW MCCAFFERY ; DUNCAN SIMPSON

Title: Modular device for placing rubbish containers consists of two gates, central separator, gate reinforcements, identifying flag and space for logo and text

Abstract: The modular device for holding in place rubbish containers is composed of two gates (1), two poles (2) fixed in the rear, a central separator (3) four gate reinforcements (4), four hinge units (5), an identifying flag (6), a space for a logo (7) and a back (8) having a smooth upper part allowing the addition of a text.

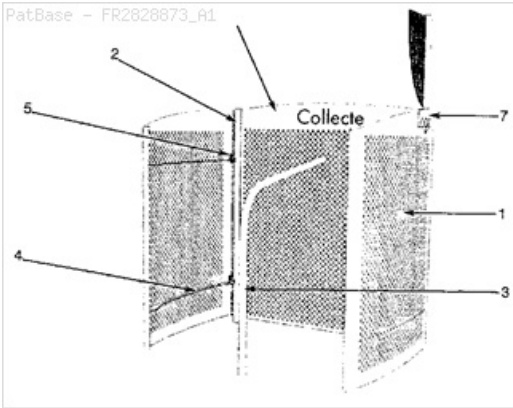
Classifications:

International (IPC 8-9): B65F1/14 (Advanced/Invention);
B65F1/14 (Core/Invention)

International (IPC 1-7): B65F1/14

CPC: B65F1/1426

European: B65F1/14D



Family:

Publication number	Publication date	Application number	Application date
FR2828873 A1	20030228	FR20010010997	20010822
FR2828873 B1	20031031	FR20010010997	20010822

Priority:

FR20010010997 20010822

Probable Assignee: MACQUET MATHIAS FRANCOIS

Assignee(s): (std): MACQUET MATHIAS FRANCOIS

Inventor(s): (std): MACQUET MATHIAS FRANCOIS ; PAULMIER PIERRE

Title: Recycling container and method of manufacture

Abstract: Source: US2003173363A [EN] A container for the collection of waste products including a base receptacle and a cover, the base receptacle having an upper lip portion, at least one rim portion and a supporting ledge. The cover is removably engageable with the base receptacle such that at least a portion of the cover engages at least a portion of the at least one rim portion when the cover is installed on the base receptacle thereby providing at least one peripheral area of contact between the cover and the base receptacle for securing a flexible bag liner therebetween. The base receptacle and cover are molded together as a one piece integral unit joined together by a web of material which connects the two component parts together. The cover is separated from the base receptacle by removal of the web of material.

Classifications:

International (IPC 8-9): B65F1/06 B65F1/16 (Advanced/Invention)

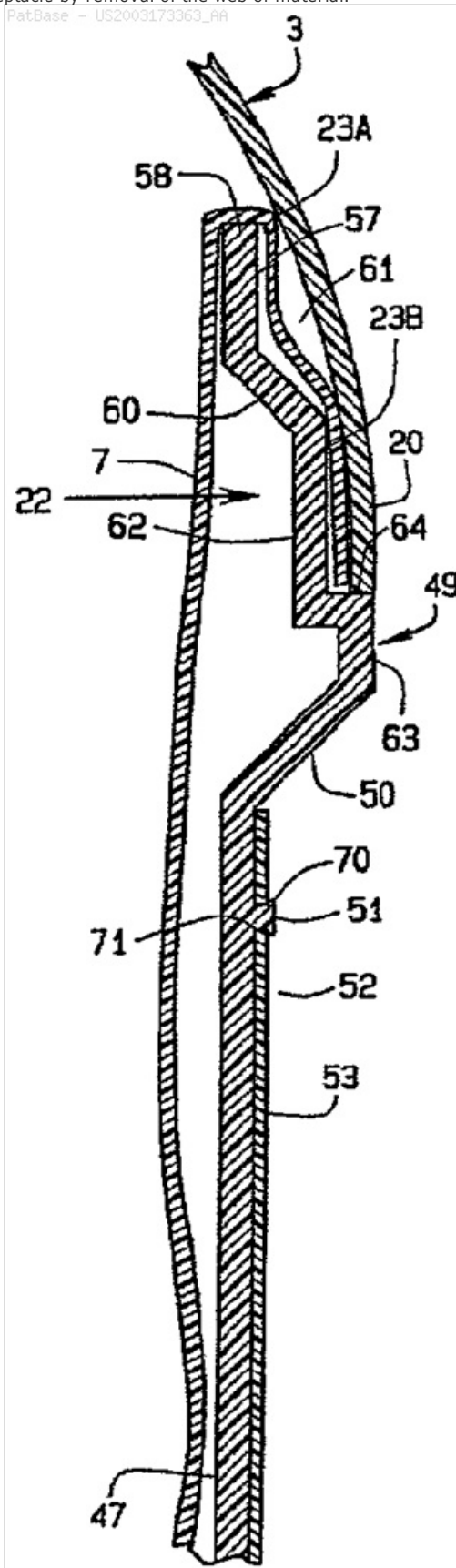
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B65F1/06 B65F1/16

CPC: B65F1/06 B65F1/1607 B65F2230/112

European: B65F1/06 B65F1/16B L65F230/112

US: 220/375 220/495.11 220/908.1 40/662 40/668



Family:

Publication number	Publication date	Application number	Application date
CA2410210 AA	20030912	CA20022410210	20021029
US2003173363 AA	20030918	US20020063019	20020312
US6681950 BB	20040127	US20020063019	20020312

Priority:

CA20022410210 20021029 US20020063019 20020312

Probable Assignee: PRESENCE FROM INNOVATION LLC

Assignee(s): (std): FLUM PAUL MERCHANDISING IDEAS

Assignee(s): HRIF FUND 27 LLC ; MILLER DONALD J JR ; PAUL FLUM IDEAS INC ; PARTNERSHIP FOR INNOVATION LLC ; PRESENCE FROM INNOVATION LLC ; ADVANTAGE CAPITAL COMMUNITY DEVELOPMENT FUND MISSOURI II LLC ; BORON ANDREW J ; ENTERPRISE BANK AND TRUST

Inventor(s): (std): MILLER DONALD J ; MILLER JR DONALD J ; MILLER DONALD J JR ; BORON ANDREW J

Agent(s): SMART AND BIGGAR

Title: RECYCLING BINS

Abstract: Source: GB2409629A [EN] Recycling bins for the separation of waste material both within and outside domestic/commercial premises. A recycling bin for internal use (Fig 1) for example in a kitchen that has numerous removable inserts with handles to allow waste to be separated and a recycling bin for exterior use (Fig 5) comprising separate bins that may be locked together (3, Fig 5) for storage and transportation. The recycling bins may have lids that have a magnetic locking device (2, Fig 1; 4, Fig 5) and display the storage use by the use of colour and labels (3, Fig 1; 2/3, Fig 6). Each of the bins may have a child locking system to prevent access to the interior of the bins that requires manual dexterity to open the locking system (Fig 9, Fig 10) that is too difficult for a child to operate. The interior bin may have an optional roll top lid when the bin is to be used under a kitchen unit. The magnetic catch of the bin may be used with a magnetic strip that is attached to a wall to allow the bin lid to be supported when the bin lids are opened. Each of the exterior bins may have a separate handle and wheels to allow versatility for movement and storage.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/08

B65F1/16 (Advanced/Invention);

B65F1/04 B65F1/08 B65F1/14 B65F1/16 (Advanced/Non-invention);

B65F1/00 B65F1/04 B65F1/16 (Core/Invention);

B65F1/04 B65F1/14 B65F1/16 (Core/Non-invention)

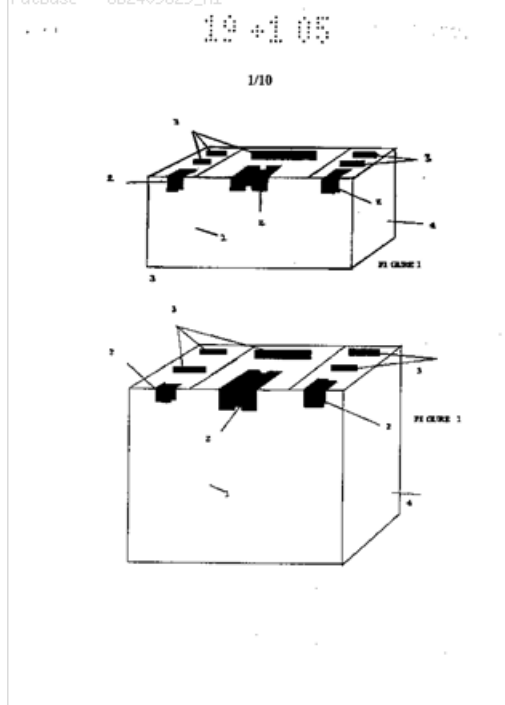
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B65F2210/1125 B65F2210/1128

European: B65F1/00B B65F1/08P B65F1/16C L65F210/112D L65F210/112G

PatBase - GB2409629_R1

**Family:**

Publication number	Publication date	Application number	Application date
GB200320009 A0	20031001	GB20030020009	20030827
GB200418799 A0	20040922	GB20040018799	20040824
GB2409629 A1	20050706	GB20040018799	20040824

Priority:

GB20030020009 20030827

Probable Assignee: BRODERICK BIANCA J

Assignee(s): (std): BRODERICK BIANCA J ; BRODERICK BIANCA JOANNE

Assignee(s): BIANCA JOANNE BRODERICK

Inventor(s): (std): BRODERICK BIANCA JOANNE

Inventor(s): BIANCA JOANNE BRODERICK

Title: DISPOSABLE CASSETTE FOR INCREMENTAL WITHDRAWAL OF TUBULAR PLASTIC WITH MALODOR-COUNTERACTANT CAPACITY

Abstract: Source: US2003213804A [EN] A container holding a supply of plastic, tubular stock for the incremental withdrawal of portions thereof, said container comprising a malodor counteractant.

Classifications:

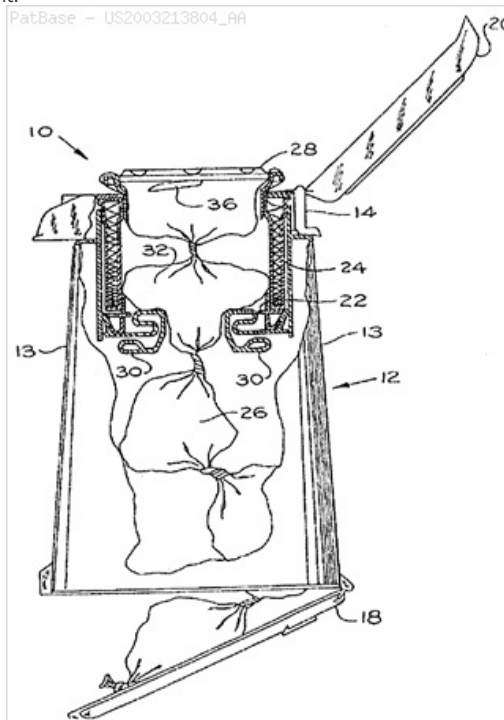
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B65B67/12 B65F1/14 C08J5/18 (Advanced/Non-invention);
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B65F1/16 B65F7/00 (Core/Invention);
B65B67/00 (Core/Non-invention)

International (IPC 1-7): A61B17/06 B32B1/00 B65B3/16 B65B9/15
B65D0/00 B65D25/14 B65D35/14 B65D90/00 B65F1/00 B65F1/04
E21B29/12 E21B7/12

CPC: Y10T428/1334 Y10T428/1341 A47K11/026 A47K11/02
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Y10T428/31725 Y10T428/31743 Y10T428/3175 Y02A50/454

European: A47K11/02 A47K11/02C B32B27/32 B32B27/34
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US: 141/114 141/314 141/316 166/348 206/303 206/397 206/409
206/524.1 206/524.100P 220/495.02 220/495.020P 220/495.07
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220/908 220/908.1 220/908.100S 220/908.2 220/908.3
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53/459 53/469 53/567 53/576



Family:

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EP1494922 A4	20060705	EP20030726340	20030417
EP1497111 A1	20050119	EP20030726339	20030417
EP1497111 A4	20100505	EP20030726339	20030417
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Priority:

AU20030228579	20030417	AU20070216844	20070919	CA20032482587	20030417
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Probable Assignee: WELLS FARGO BANK NATIONAL ASSOCIATION

Assignee(s): (std): KNUTH ROSEMARY ; PLAYTEX PRODUCTS INC ; CHOMIK RICHARD S ; YEAGER CARYL ; YOHO MARK

Assignee(s): EDGEWELL PERSONAL CARE CANADA ULC ; EVEREADY BATTERY CO INC ; PLAYTEX PRODUCTS LLC ; WELLS FARGO BANK NATIONAL ASSOCIATION

Inventor(s): (std): ROSEMARY KNUTH ; YOHO MARK ; YEAGER CARYL ; YEAGER CARL ; RICHARD S CHOMIK ; KNUTH ROSEMARY ; CHOMIK RICHARD S ; CARYL YEAGER ; CHOMIK RICHARD ; MARK YOHO

Inventor(s): RICHARD CHOMIK

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; BERESKIN AND PARR LLP; BERESKIN AND PARR LLP SENCRL SRL; SMART AND BIGGAR; PILLSBURY WINTHROP LLP; CHARLES NJ RUGGIERO OHLANDT GREELEY RUGGIERO AND PERLE LLP; OHLANDT GREELEY RUGGIERO AND PERLE LLP; OHLANDT GREELEY RUGGIERO AND PERLE L L P

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: METHOD AND APPARATUS FOR SECURING A HANDLE TO A KNIFE TANG

Abstract: Source: US2003221323A [EN] The present invention relates to knives and related implements, and, more particularly, to methods and apparatus for attaching a handle to a tang of a knife. One aspect of the invention is for attaching a handle to a tang of a knife by removably coupling an insert having a threaded bore onto a portion of the tang, the insert being adapted to couple with a coupler, the coupler comprising a threaded rod and an expanded head, such as, but not limited to, a bolt. The engagement of the insert and the coupler pulls together the tang and the handle in removably coupling engagement.

Classifications:

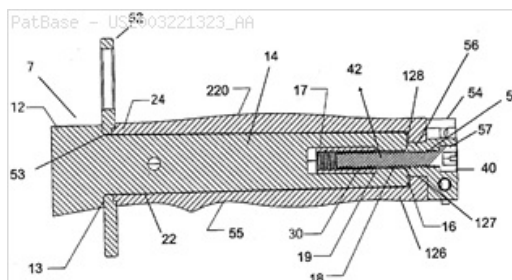
International (IPC 8-9): B25G1/00 B25G3/00 B25G3/32 B26B1/00 B26B3/00 (Advanced/Invention);

B25G1/00 B26B1/00 (Core/Non-invention)

International (IPC 1-7): B25G1/00 B25G3/12 B25G3/32 B26B1/00
CPC: B25G3/32

European: B25G3/32

US: 30/329 30/329P 30/34 30/340 30/340S 30/342 30/342P



Family:

Publication number	Publication date	Application number	Application date
AU2003228628 AA	20031103	AU20030228628	20030418
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TWI325362 B	20100601	TW20030109031	20030418
US2003221323 AA	20031204	US20030418889	20030418
US2006096102 AA	20060511	US20050198493	20050805
WO03089195 A1	20031030	WO2003US12351	20030418

Priority:

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WO2003US12351 20030418

Probable Assignee: BENCHMADE KNIFE CO

Assignee(s): (std): BENCHMADE KNIFE CO ; DEASIS LES ; TROYAN BRUCE R

Assignee(s): TROYAN BRUCE ROBERT ; BENCHMADE KNIFE CO US

Inventor(s): (std): DE ASIS LES ; DEASIS LES ; TROYAN BRUCE R ; TROYAN BRUCE ROBERT

Inventor(s): BRUCE ROBERT TROYAN ; LES DEASIS ; TROYAN BRUCE

Agent(s): SCHWABE WILLIAMSON AND WYATT PC PACWEST CENTER SUITE 1900

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI 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 UZ VC VN YU ZA ZM ZW

Title: RECYCLING CONTAINER UNIT

Abstract: Source: US4834253A [EN] In a preferred embodiment, a recycling container unit that includes an upright outer open-top vessel and several insertable upright inner open-top vessels seated within space of the outer vessel, intermittently detachably attached to the wall of the outer vessel by mated male and female members, and the outer vessel having spacing-structure extending upwardly from the inner upper surface of the bottom of the outer vessel positioned to space the seated inner vessels from one-another when mounted within the inner space of the outer vessel, each of the inner and outer vessels including handles accessible when the inner vessels are seated within the outer vessel, the shape of the bottom surface of the floor of the inner vessel corresponding in shape to the seating portion of the upper surface of the inside floor of the outer vessel, and the bottom surface of the bottom of the outer vessel corresponding in shape to the upper surface of the bottom of the inner vessel, and the inner and outer vessel's inner and outer walls and interior spaces each being tapered from a top larger cross-section to a smaller bottom cross-section, the shapes of the tops of the outer and inner vessels and of the outer vessel's open tops, being such that the inner vessels are seated in side-by-side upright relationship within the outer vessel allowing empty outer vessels to be stacked and allowing empty inner vessels to be stacked.

Classifications:

International (IPC 8-9): B65F1/08 (Advanced/Invention);
B65F1/04 (Core/Invention)

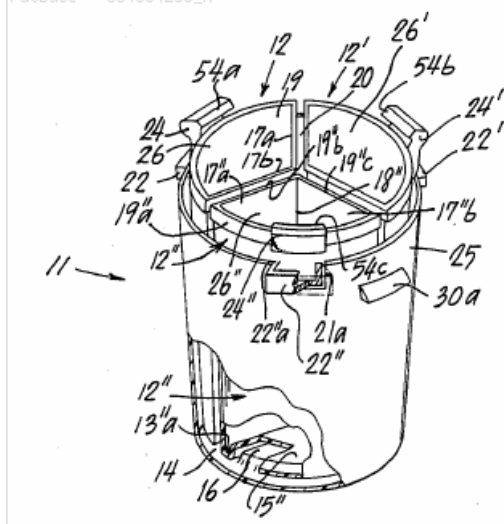
International (IPC 1-7): B65D91/00

CPC: Y10S220/909 B65F1/085 B65F2250/116

European: B65F1/08P L65F250/116

US: 220/1T 220/23.4 220/23.83 220/909

PatBase - US4834253_A

**Family:**

Publication number	Publication date	Application number	Application date
US4834253 A	19890530	US19880186085	19880425

Priority:

US19880186085 19880425

Probable Assignee:

CRINE DAVID R

Assignee(s): (std):

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Inventor(s): (std):

CRINE DAVID R

Title: Method and apparatus for displaying information on recycling and refuse containers

Abstract: Source: US2004232027A [EN] The invention provides for the placement of communications such as advertising on recycling and refuse container articles such as recycling bins. The communication can take the form of an advertisement panel of printed media such as decals, posters, signs, cards, or indicia that is imprinted or otherwise applied to one or more surfaces of the article itself, and may be periodically changed. The invention also provides for the dissemination of localized advertising, e.g., advertising by businesses in the immediate vicinity of the neighborhood, apartment complex, or business park where the recycling bins are deployed.

Classifications:

International (IPC 8-9): B65D5/54 B65F1/00 B65F1/14
G09F15/00 (Advanced/Invention);

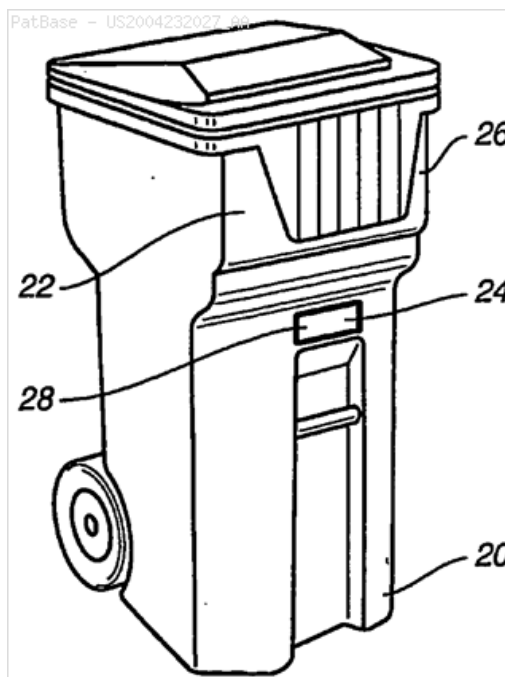
B65F1/14 G09F15/00 (Core/Invention)

International (IPC 1-7): B65D5/54 B65D85/00 B65F1/00

CPC: B65F1/1484 G09F15/0043

European: B65F1/14J G09F15/00B6

US: 206/459.5



Family:

Publication number	Publication date	Application number	Application date
AU2002336525 AA	20030324	AU20020336525	20020913
CA2459721 AA	20040312	CA20022459721	20020913
EP1476375 A2	20041117	EP20020773379	20020913
EP1476375 A4	20070124	EP20020773379	20020913
US2004232027 AA	20041125	US20040489747	20040315
WO03023739 A2	20030320	WO2002US29190	20020913
WO03023739 A3	20030925	WO2002US29190	20020913
WO03023739 C2	20031127	WO2002US29190	20020913

Priority:

US20010318918P 20010913 US20040489747 20040315 WO2002US29190 20020913

Probable Assignee: MILLER CHRIS

Assignee(s): (std): MILLER CHRIS

Inventor(s): (std): MILLER CHRIS

Inventor(s): CHRIS MILLER

Agent(s): FINLAYSON AND SINGLEHURST

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 SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW