

Search history

Search 1: FT=(Multifunctional~ AND garbage~ AND classification~ AND device~) (Results 138)
Search 2: drawer and sorter and can and multifunctional (Results 10)
Search 3: FT=(Multifunctional~ AND garbage~ AND classification~) (Results 265)
Search 4: FT=(drawer~ and sorter~ and can~ and collection~) (Results 329)
Search 5: FT=(drawer~ and garbage~ and can~ and collection~) (Results 1007)

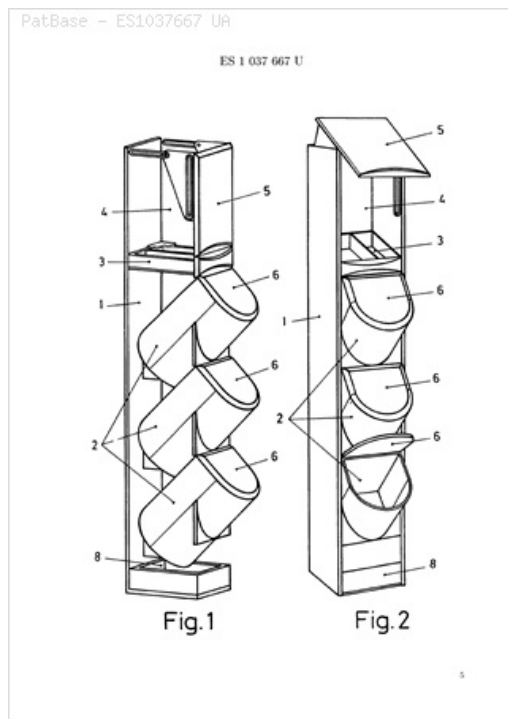
Title: **GARBAGE** PICKER. (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Selector rubbish, characterized formed by cabinet (1) by way of a column in which are included in succession vertical a series of vessels (2) eligible for individual opening of each of them from the front set, going over the handover a sliding shelf (3), while above it defined a bucket (4) provided with a door practicable (5) at the front. (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/04 B65F1/06

International (IPC 1-7): B65F1/06



Family:

Publication number	Publication date	Application number	Application date
ES1037667 UA	19980316	ES19970001788U	19970630
ES1037667 Y1	19981101	ES19970001788U	19970630
ES1037667 YA	19981101	ES19970001788U	19970630

Priority:

ES19970001788U 19970630

Probable Assignee: GOICOECHEA ELIZALDE IGNACIO JA

Assignee(s): (std): GOICOECHEA ELIZALDE IGNACIO JA

Assignee(s): GOICOECHEA ELIZALDE IGNACIO JAVIER

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1037667 UA	19980316	LSPB	+	published / reissued	
ES1037667 Y1	19981101	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1037667 Y1	20040401	LSLE	-FD1K	UTILITY MODEL LAPSED	Effective date: 20040301
ES1037667 Y1	20070630	PEXP		Calculated Patent Term Expiry	
ES1037667 YA	19981101	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1037667 YA	20070630	PEXP		Calculated Patent Term Expiry	

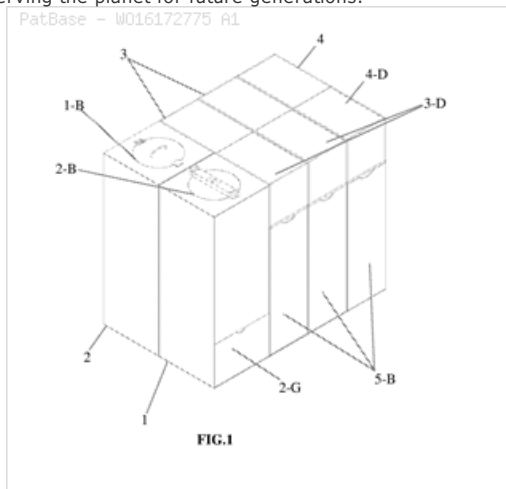
Title: MACHINE FOR PROCESSING AND PACKAGING HOUSEHOLD WASTE

Abstract: The invention, "machine for processing and packaging household waste", relates to a machine for processing household waste for use in homes or establishments that manage waste similar to household waste, in order to minimise the contamination of the environment, water sources and water tables, with economic re-use of household waste (**garbage**) and the replacement of the conventional **garbage collection** by selective **collection**, due to the innovative design of a food waste grinding assembly (1), a plastic waste grinding assembly (2), a paper or aluminium waste compacting assembly (3), a glass waste compacting assembly (4) and a packaging base (5), which prevent the discarding of household waste in the environment and provides pre-prepared and packaged raw materials for the recycling industries, with the advantage of enhanced citizen involvement, promoting social and environmental responsibility, and preserving the planet for future generations.

Classifications:

International (IPC 8-9): B02C1/00 B02C18/06 B02C19/00 B09B3/00 B30B9/30 B65F1/00 B65F1/02 B65F1/06

CPC: B02C1/00 B02C18/06 B02C19/00 B09B3/00 B30B9/30 B65F1/0033 Y02W30/10 Y02W30/60



Family:

Publication number	Publication date	Application number	Application date
BR102015009605 A2	20170606	BR20151009605	20150428
WO16172775 A1	20161103	WO2016BR50088	20160426

Priority:

BR20151009605 20150428

Probable Assignee: FERNANDO CESAR ABIB

Assignee(s): (std): ABIB FERNANDO CESAR ; ABIB NACERE ANTONIO ; FERNANDO CESAR ABIB ; NACERE ANTONIO ABIB

Inventor(s): (std): ABIB FERNANDO CESAR ; ABIB NACERE ANTONIO ; FERNANDO CESAR ABIB ; NACERE ANTONIO ABIB

Agent(s): DA SILVA EDUARDO PEREIRA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 IR IS IT JP KE KG KM KN KP KR KZ LA LC 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

Legal status (INPADOC)

[View legal status timeline](#)

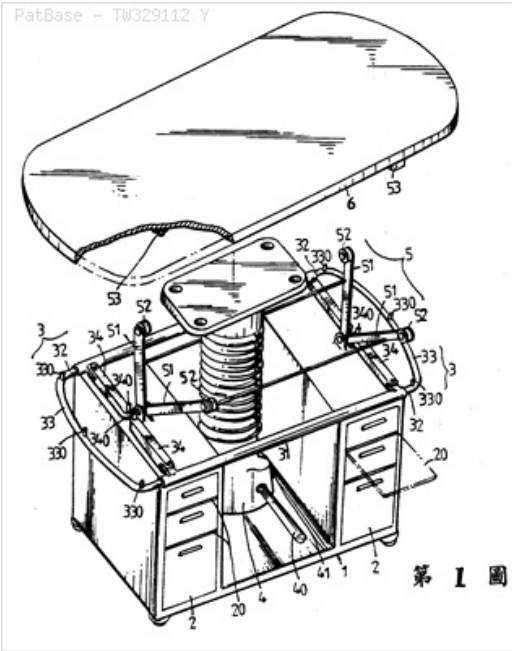
Patent	Date recorded	Event group	Code	Event	Details
BR102015009605 A2	20170606	LSPB	+	published / reissued	
BR102015009605 A2	20170606	LSPB	B03A	PUBLICATION OF AN APPLICATION: PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION	
BR102015009605 A2	20181030		B06F	OBJECTIONS, DOCUMENTS AND/OR TRANSLATIONS NEEDED AFTER AN EXAMINATION REQUEST ACCORDING ART. 34 INDUSTRIAL PROPERTY LAW	
WO16172775 A1	20161103	LSPB	+	published / reissued	
WO16172775 A1	20161214		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 16785693 Country of Ref document: EP

WO16172775 A1	20171031	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO16172775 A1	20180523	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref document number: 16785693 Kind code of Ref document: A1 Country of Ref document: EP

Title: MULTI-FUNCTIONAL TEAPOY ASSEMBLY

Abstract: Source: TW329112 Y **Machine translation:** An "multifunctional coffee composition" Department at a base support two double **drawer**, the **drawer** two sides of the main body = ?? **can** tune **garbage** support frame materials, in order to fitness should each species of different sizes of **garbage** as **garbage collection** purposes, the other beneath the central chassis disposed first ratchet teeth disposed beneath the Double Formula jin top, and fitted to the **drawer** and coffee table surface 00 of the V-shaped support frame materials, in order to push the top surface of the coffee table as liter drop tune function, its record as the design of the main purpose is the operator.

Classifications:
International (IPC 8-9): A47B31/00 A47B9/04
International (IPC 1-7): A47B31/00 A47B9/04



Family:

Publication number	Publication date	Application number	Application date
TW329112 Y	19980401	TW19960210151U	19960704

Priority:

TW19960210151U 19960704

Probable Assignee:	SHEN YONG ZUN
Assignee(s): (std):	SHEN YONG ZUN
Assignee(s):	SHEN YONG ZUNTW
Inventor(s): (std):	JIA YU BIN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
TW329112 Y	19980401	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: STORAGE TYPE **GARBAGE COLLECTING** BUCKET

Abstract: The utility model discloses a storage type **garbage collecting** bucket belonging to the furniture technology field. The storage type **garbage collecting** bucket, comprising **garbage collecting** buckets, a table top and joints, is characterized in that a first **drawer**, a second **drawer**, a third **drawer** and a fourth **drawer** are disposed under four sides of the table top, a pedestal is arranged below the table top to support the table top, and each **garbage collecting** bucket is connected with one corresponding joint via screws in a detachable manner. Four storage cabinets are disposed at the bottom of the table top so as to store bowls, chopsticks and seasonings, and the **garbage collecting** buckets arranged under the table top **can collect garbage**, such that the storage type **garbage collecting** bucket helps to improve a dining environment.

Classifications:

International (IPC 8-9): A47B31/00

PatBase - CN203723663 U

说明书附图 1/1 页

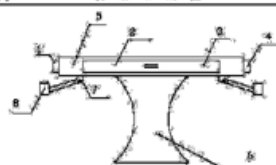


图1

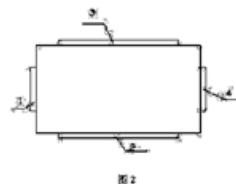


图2



图3

5

Family:

Publication number	Publication date	Application number	Application date
CN203723663 U	20140723	CN201320801644U	20131209

Priority:

CN201320801644U 20131209

Probable Assignee:

YAN BOJIAN

Assignee(s): (std):

YAN BOJIAN

Inventor(s): (std):

YAN BOJIAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN203723663 U	20140723	LSGT	+	granted / extensions (spc, cpc, pte)	
CN203723663 U	20140723	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN203723663 U	20170201	LSWD	-EXPY	TERMINATION OF PATENT RIGHT OR UTILITY MODEL	
CN203723663 U	20231209	PEXP		Calculated Patent Term Expiry	

Title: CABINET

Abstract: There is disclosed a cabinet of the type-used in a kitchen. The top of the cabinet is in the form of two adjacent cutting boards hinged, respectively, to the side walls of the cabinet. The boards, in a closed position, provide a continuous and uninterrupted work surface. Within the cabinet is a waste receptacle which is so positioned as to receive waste with at least one of the boards in an open position. The receptacle may be removed from the cabinet through the top with both boards in an open position. The cabinet also provides separate lockable compartments for holding such items as washing compounds, drugs, and the like.

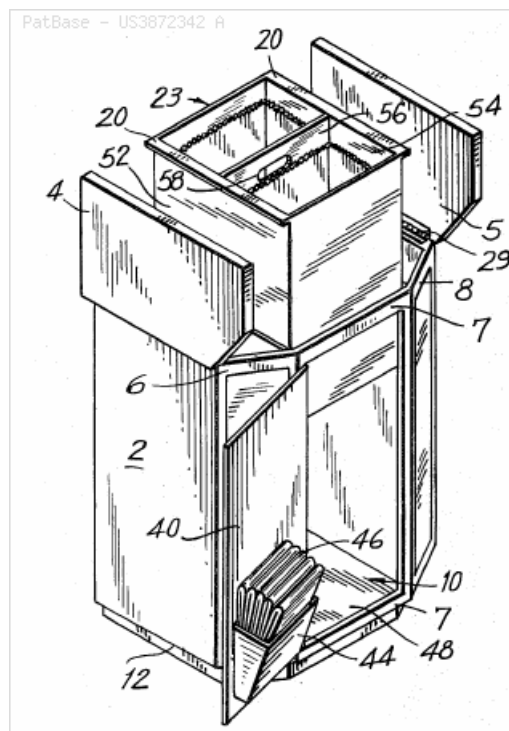
Classifications:

International (IPC 8-9): A47B77/04

International (IPC 1-7): A47B81/02

CPC: A47B77/04

US: 312/212 312/290



Family:

Publication number	Publication date	Application number	Application date
US3872342 A	19750318	US19720249266	19720501

Priority:

US19710200939 19711122 US19720249266 19720501

Probable Assignee: DANKERT CAROLYN H

Assignee(s): (std): DANKERT CAROLYN H

Inventor(s): (std): DANKERT CAROLYN H

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3872342 A	19750318	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: BURIED CONTAINER WITH ELEVATOR FOR **GARBAGE** CONTAINERS. ; BURIED CONTAINER WITH ELEVATOR FOR **GARBAGE** CONTAINERS.

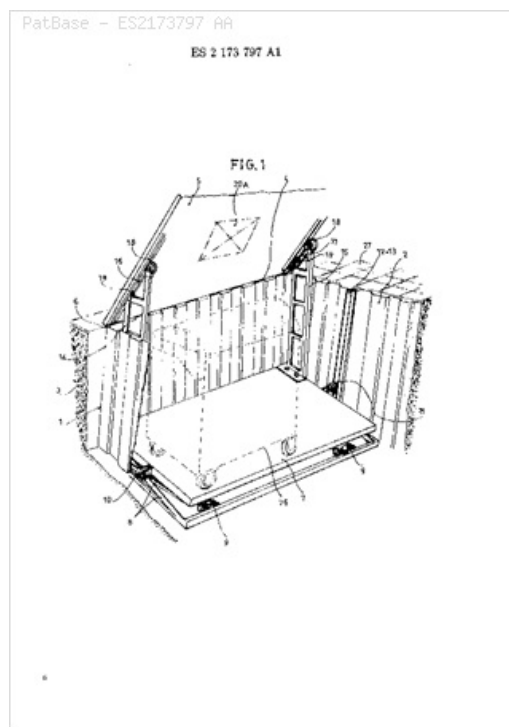
Abstract: Buried container with elevator for **garbage** containers. A buried container of steel plates with nervatures, containing the corresponding elevating platform and their elevation mechanisms constituted by crossed bars or lateral scissors worked by a set of hydraulic pistons with a common pivoting axis and provided with rolling elements for guidance of the platform in corresponding vertical guides prepared in the container and having a set of vertical members for successive and progressive opening of the scuttle: a pumphandle scuttle over the respective hinge that behaves the box or load chute, that opens the pedal and a fixed plug located in the surface next to it.

Classifications:

International (IPC 8-9): B65F1/14

International (IPC 1-7): B65F1/14

CPC: B65F1/1447 B65F1/1457



Family:

Publication number	Publication date	Application number	Application date
ES2173797 AA	20021016	ES20000001577	20000623
ES2173797 BA	20040301	ES20000001577	20000623
ES2173797 BB	20040301	ES20000001577	20000623

Priority:

ES20000001577 20000623

Probable Assignee: ANTOLI HABAS ANGEL

Assignee(s): (std): ANTOLI HABAS ANGEL

Inventor(s): (std): ANTOLI HABAS ANGEL

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES2173797 AA	20021016	LSPB	+	published / reissued	
ES2173797 AA	20021016	LSES	+EC2A	SEARCH REPORT PUBLISHED	Effective date: 20021016 Date of Ref document: 20021016 Kind code of Ref document: A1
ES2173797 BA	20031001	LSGT	+FG2A	DEFINITIVE PROTECTION	Ref document number: 2173797B1 Country of Ref document: es
ES2173797 BA	20040301	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2173797 BA	20200623	PEXP		Calculated Patent Term Expiry	
ES2173797 BB	20040301	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2173797 BB	20040301	LSGT	+FG2A	DEFINITIVE PROTECTION	Ref document number:

					2173797B1 Country of Ref document: es
ES2173797 BB	20100325	LSLE	-FD1A	PATENT LAPSED	Effective date: 20100312
ES2173797 BB	20200623	PEXP	Calculated Patent Term Expiry		

Title: Incinerators

Abstract: (Claim 1) 1. In a garbage and Teflon incinerator; a casing; wall means separating said casing into a primary combustion chamber and a generally vertically disposed, communicating secondary combustion chamber receiving combustion gases from the primary chamber, a generally vertically disposed bridge wall spaced from said wall means at its lower end and spaced from said primary chamber at its upper end to form a combustion gas concentrating chamber between said primary chamber and secondary chamber; burner means for issuing a flame into the path of the said gases; ash draught removal provided under both said primary and secondary chambers; a bottom wall for said secondary chamber having openings therein permitting ash to fall through, grate means in said casing having a reciprocable portion normally covering said openings, and flue means communicating with said secondary chamber.

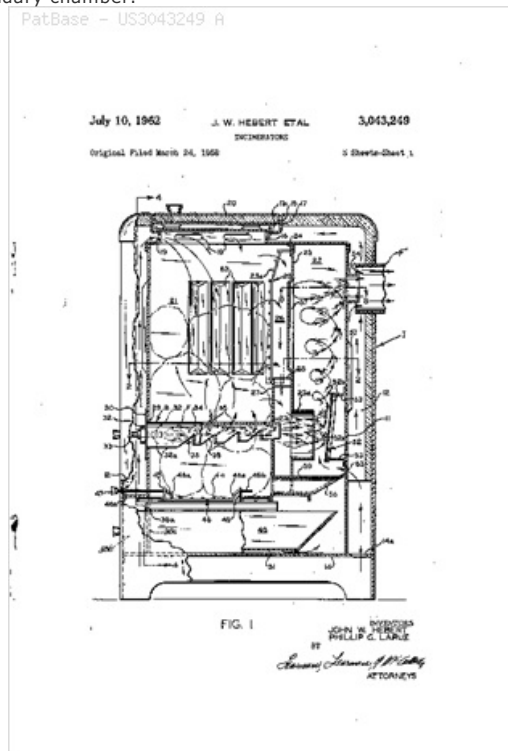
Classifications:

International (IPC 8-9): F23G5/08 F23G5/12 F23G5/16 F23J15/02 F23M9/00 F23M9/06

International (IPC 1-7): F23G3/06

CPC: F23G5/12 F23G5/16 F23M9/06 F23J15/027

US: 110/211 126/158



Family:

Publication number	Publication date	Application number	Application date
US3043247 A	19620710	US19580723470	19580324
US3043249 A	19620710	US19590857912	19591207

Priority:

US19580723470 19580324 US19590857912 19591207

Probable Assignee: CALCINATOR CORP

Assignee(s): (std): CALCINATOR CORP

Inventor(s): (std): HEBERT JOHN W ; LA RUE PHILIP G ; LA RUE PHILLIP G

Inventor(s): RUE PHILIP G LA ; RUE PHILLIP G LA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3043247 A	19620710	LSGT	+	granted / extensions (spc, cpc, pte)	
US3043249 A	19620710	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: ANTICOLISAO Vehicle Flag System (Machine translation)

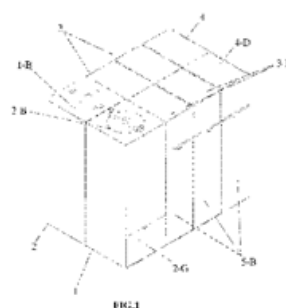
Abstract: Source: BR102015021305 A2 **Machine translation:** Processor MACHINE AND CONDITIONER HOME RESIDUES" refers to invention domestic waste processor machine applied in homes or businesses that manage home similar residues in order to minimize contamination of the environment and of springs and, necessitating **garbage** with efficient and economical use home (residues and replacement of conventional **garbage collection** for selective **collection**, through innovative food chopper assembly constratividade residues (1), (2) plastic waste chopper assembly of paper waste compactor assembly or aluminum (3), (4) glass waste compactor assembly and packing (5) which allows avoid the household waste disposal in the environment and Offer pre-prepared and packaged for raw materials recycling industries, bringing advantages of improved exercise of citizenship promoting social and environmental responsibility preserving the planet to future generations.

Classifications:

International (IPC 8-9): B60Q5/00 B60Q9/00 G01S15/93 G01S15/931 G01S17/02 G01S17/04 G01S17/93 G01S17/931 G08G1/16

CPC: B60Q5/006 B60Q9/008 G01S15/931 G01S17/04 G01S17/931 G08G1/166 G08G1/167

PatBase - BR102015021305 A2



Family:

Publication number	Publication date	Application number	Application date
BR102015021305 A2	20170606	BR20151021305	20150902

Priority:

BR20151021305 20150902

Probable Assignee: HENRIQUE SALVADOR NERY

Assignee(s): (std): HENRIQUE SALVADOR NERY

Inventor(s): (std): HENRIQUE SALVADOR NERY

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
BR102015021305 A2	20170606	LSPB	+	published / reissued	
BR102015021305 A2	20170606	LSPB	B03A	PUBLICATION OF AN APPLICATION: PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION	
BR102015021305 A2	20181016	LSRV	-B11A	DISMISSAL ACC. ART.33 OF IPL - EXAMINATION NOT REQUESTED WITHIN 36 MONTHS OF FILING	
BR102015021305 A2	20190102	LSRV	-B11Y	DEFINITIVE DISMISSAL ACC. ARTICLE 33 OF IPL - EXTENSION OF TIME LIMIT FOR REQUEST OF EXAMINATION EXPIRED	

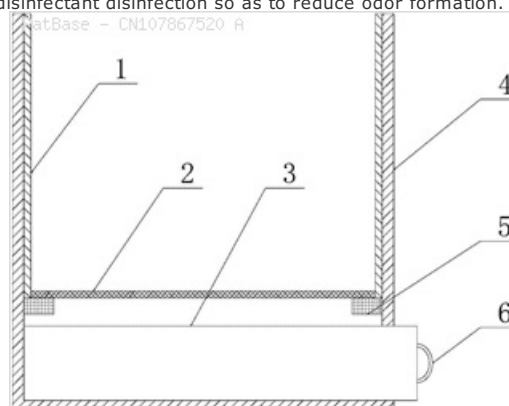
Title: ODOR-RESISTANT AND BACTERIOSTATIC **GARBAGE CAN**

Abstract: The invention relates to the field of **garbage collection** devices, and discloses an odor-resistant and bacteriostatic **garbage can**. The odor-resistant and bacteriostatic **garbage can** comprises a garbagecan body of which the top is open, wherein an inner barrel is arranged at the upper part of the inner cavity of the **garbage can** body, a bottom plate of the inner barrel is a water filter plate, a water **collection drawer** body of which the top is open is arranged below the inner barrel, a drawing ring is arranged at the outside of the water **collection drawer** body, ultraviolet disinfection lamps and disinfection tanks are arranged in the inner cavity of the water **collection drawer** body, the plurality of disinfection tanks are separately arranged at the inner walls of the water **collection drawer** body in different height, and an opening of each disinfection tank is upward and filled with a disinfectant. The odor-resistant and bacteriostatic **garbage can** isolate sewage from **garbage**, effectively avoid accelerating of decay caused by **garbage** immersion in sewage to produce malodorous odor, and further inhibit bacterial microorganism propagation in the presence of ultraviolet disinfection and disinfectant disinfection so as to reduce odor formation.

Classifications:

International (IPC 8-9): B65F1/14 B65F7/00

CPC: B65F1/14 B65F2210/132 B65F7/00



Family:

Publication number	Publication date	Application number	Application date
CN107867520 A	20180403	CN201711288138	20171207

Priority:

CN201711288138 20171207

Probable Assignee: SICHUAN JUHAI FISHERY TECH CO LTD

Assignee(s): (std): SICHUAN JUHAI FISHERY TECH CO LTD

Assignee(s): SICHUAN JUHAI FISHERY TECHNOLOGY CO ; SICHUAN SEA FISHERY SCIENCE AND TECHNOLOGY CO LTD

Inventor(s): (std): WU YINGBIN

Legal status (INPADOC)

[View legal status timeline](#)

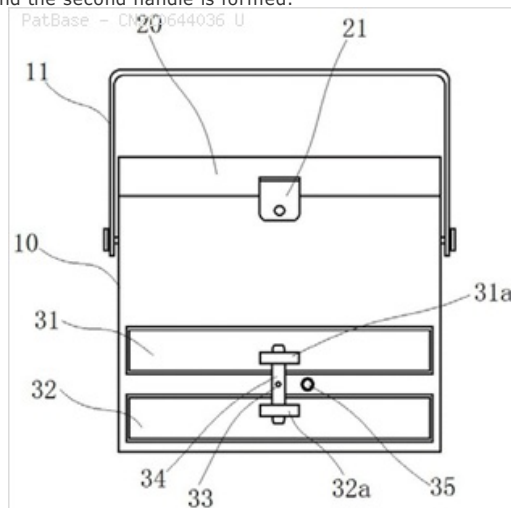
Patent	Date recorded	Event group	Code	Event	Details
CN107867520 A	20180403	LSPB	+	published / reissued	
CN107867520 A	20180403	LSPB	PB01	PUBLICATION	
CN107867520 A	20180403	LSPB	PB01	公开	Text: 公开 (Disclosure)
CN107867520 A	20190226	LSWD	-WW01	INVENTION PATENT APPLICATION WITHDRAWN AFTER PUBLICATION	
CN107867520 A	20190226	LSWD	-WW01	发明专利申请公布后的撤回	Text: 发明专利申请公布后的撤回 (Withdrawal of Patent Application for Invention after Publication)

Title: BLOOD DRAWING BOX FOR OUTPATIENT SERVICE

Abstract: A blood drawing box for outpatient service comprises a box body and an upper cover. The box body is divided into an upper space and a lower space, and the upper space is divided into a blood **collection** tube area and a **garbage can** area through a longitudinal partition plate. A low-temperature blood **collection** tube storage rack and a conventional blood **collection** tube storage rack are arranged in the blood **collection** tube area; a medical **garbage can**, a household **garbage can** and a sharp instrument **can** are arranged in the **garbage can** area; ice bags are inserted into the periphery of the low-temperature blood **collection** tube storage rack; a first **drawer** and a second **drawer** are mounted in the lower space; an iron first handle is mounted at the front end of the first **drawer**, and a rightward notch is formed in the first handle; an iron second handle is mounted at the front end of the second **drawer**, and a leftward notch is formed in the second handle; a **drawer** latch is installed on the front side of the lower space, the **drawer** latch is in a plate shape, the center of the **drawer** latch is rotatably fixed between the first opening and the second opening, the two ends of the **drawer** latch **can** be inserted into the notches of the first handle and the second handle, and therefore latching of the first handle and the second handle is formed.

Classifications:

International (IPC 8-9): A61B5/15 A61B50/31 A61B50/36 B01L9/06



Family:

Publication number	Publication date	Application number	Application date
CN210644036 U	20200602	CN201921108524U	20190716

Priority:

CN201921108524U 20190716

Probable Assignee: CHINESE PLA GENERAL HOSPITAL

Assignee(s): (std): CHINESE PLA GENERAL HOSPITAL ; GENERAL HOSPITAL OF PLA

Inventor(s): (std): HAO YAJING ; MA XIAONA ; WANG HAIXIN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN210644036 U	20200602	LSGT	+	granted / extensions (spc, cpc, pte)	
CN210644036 U	20200602	LSGT	+GR01	PATENT GRANT	
CN210644036 U	20200602	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN210644036 U	20290716	PEXP		Calculated Patent Term Expiry	

Title: REFUSE COMPACTOR

Abstract: (Claim 1) 1. A domestic refuse compactor comprising: a cabinet; a drawer; extensible guide means for movably mounting the **drawer** in said cabinet for substantially rectilinear movement of the **drawer** for selective disposition in an open position at least partially exteriorly of said cabinet wherein refuse may be placed therein and a closed position within said cabinet; and means in said cabinet carrying said ram for selective movement toward the bottom of said **drawer** in said closed position to compact refuse therein and to a retracted position permitting movement of said **drawer** to said open position, said ram and carrying means bridging said **drawer** in said retracted position.

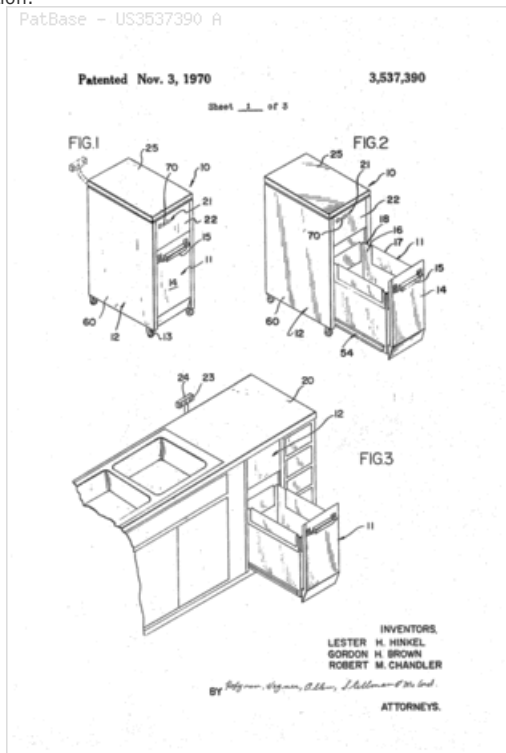
Classifications:

International (IPC 8-9): B30B9/00 B30B9/30

International (IPC 1-7): B30B15/00 B30B9/30

CPC: B30B9/3007 B30B9/3064

US: 100/100 100/229A 100/256 100/290 100/295 100/52 100/99 312/334.19 53/527



Family:

Publication number	Publication date	Application number	Application date
US3537390 A	19701103	US19680724959	19681029

Priority:

US19680724959 19681029

Probable Assignee: WHIRLPOOL CO

Assignee(s): (std): WHIRLPOOL CO

Assignee(s): WHIRLPOOL CORP

Inventor(s): (std): BROWN GORDON H ; CHANDLER ROBERT M ; HINKEL LESTER H

Inventor(s): GORDON H BROWN ; LESTER H HINKEL ; ROBERT M CHANDLER

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3537390 A	19701103	LSGT	+	granted / extensions (spc, cpc, pte)	
US3537390 A	19881029	PEXP		Calculated Patent Term Expiry	

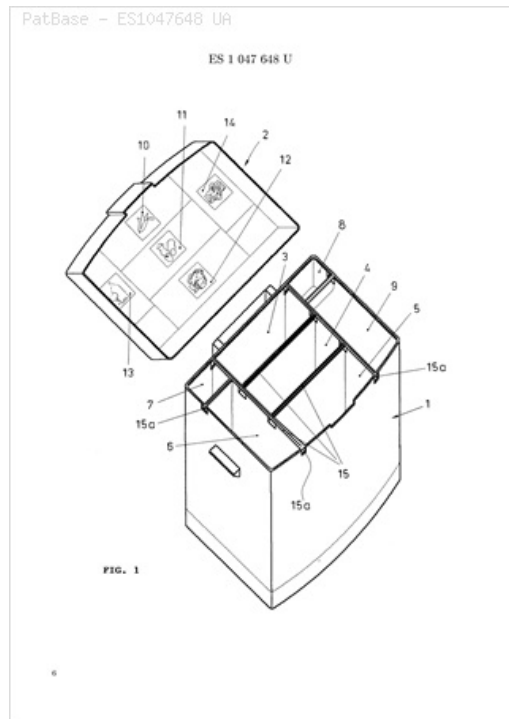
Title: CONTAINER FOR SELECTIVE WASTE **COLLECTION**. (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: "container for the selective **collection** of **garbage**", which is configured by at least one body (1) provided inside a series of independent compartments (3, 4, 5, 6, 7, 8, 9) intended for housing selective waste, characterized in that said compartments (3, 4, 5, 6, 7, 8, 9) are formed in the same body (1) of the container, which comprises a peripheral frame (15) provided with internal divisions in correspondence with said compartments (3, 4, 5, 6, 7, 8, 9) that is assembled articulated in said body (1), said body (1) of the container being provided with notches (15a) formed in the upper flange intended to receive the end of one or several **garbage** bags that are imprisoned between said notches (15a) and said frame (15). (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/00

International (IPC 1-7): B65F1/00



Family:

Publication number	Publication date	Application number	Application date
ES1047648 UA	20010501	ES20000002706U	20001107
ES1047648 Y1	20010916	ES20000002706U	20001107
ES1047648 YA	20010916	ES20000002706U	20001107

Priority:

ES20000002706U 20001107

Probable Assignee: CEACERO GARRIDO FERNANDO

Assignee(s): (std): CEACERO GARRIDO FERNANDO

Inventor(s): (std): CEACERO GARRIDO FERNANDO ; CHACERO GARRIDO FERNANDO

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1047648 UA	20010501	LSPB	+	published / reissued	
ES1047648 Y1	20010916	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1047648 Y1	20091118	LSLE	-FD1K	UTILITY MODEL LAPSED	Effective date: 20041108
ES1047648 Y1	20101107	PEXP		Calculated Patent Term Expiry	
ES1047648 YA	20010916	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1047648 YA	20101107	PEXP		Calculated Patent Term Expiry	

Title: PROCEDURE FOR RECOVERY OF METALS THROUGH AN ELECTRONIC ECOLOGICAL SYSTEM WITH THE SIMULTANEOUS SEPARATION OF ALUMINUM (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Metal recovery procedure by means of an electronic ecological system with the simultaneous separation of aluminum consisting of a process designed to separate the mixed metals in a **garbage** dump, culminating in a stage in which the aluminum elements are separated from the rest of metals, characterized by being developed in industrial machines consisting of an initial pour hopper (1), three conveyor belts (2.1) (2.2) (2.3), two electronic metal detectors (3.1) (3.2), an electronic metal detector with inductor of foucault currents (3.3), three blower elements (4.1) (4.2) (4.3) activated by their corresponding electrovalves (7). The assembly is commanded by a control center (8) with the result of **garbage collection** in primary (5.1) and secondary (5.2) **drawers**, intermediate storage in containers (6.1) and (6.2), final **collection** of various metals in the container (6.3) and final **collection** of aluminum elements in the container (6.4). (Machine-translation by Google Translate, not legally binding)

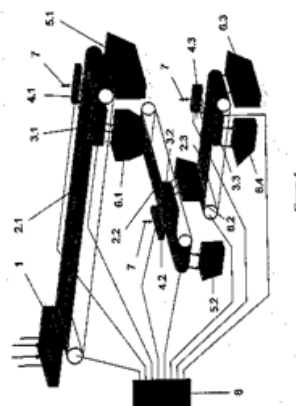
Classifications:

International (IPC 8-9): B03C1/16

CPC: B03C1/16

PatBase - ES2342350 AA

BS 2 342 350 A1



Family:

Publication number	Publication date	Application number	Application date
ES2342350 AA	20100705	ES20060002727	20061023
ES2342350 BA	20111014	ES20060002727	20061023

Priority:

ES20060002727 20061023

Probable Assignee: CARDOSO SATURNINO CLAUDINO JOSE

Assignee(s): (std): CARDOSO SATURNINO CLAUDINO JOSE

Assignee(s): CLAUDINO JOSE CARDOSO SATURNINO

Inventor(s): (std): CARDOSO SATURNINO CLAUDINO JOSE

Inventor(s): CLAUDINO JOSE CARDOSO SATURNINO

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES2342350 AA	20100705	LSPB	+	published / reissued	
ES2342350 AA	20100705	LSSES	+EC2A	SEARCH REPORT PUBLISHED	Date of Ref document: 20100705 Kind code of Ref document: A1
ES2342350 BA	20111014	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2342350 BA	20111014	LSGT	+FG2A	DEFINITIVE PROTECTION	Effective date: 20111014 Kind code of Ref document: B1 Ref document number: 2342350 Country of Ref document: ES
ES2342350 BA	20120224	LSWD	-FA2A	APPLICATION WITHDRAWN	Effective date: 20120214
ES2342350 BA	20261023	PEXP		Calculated Patent Term Expiry	

Title: AFFINITY DOMAIN-BASED **GARBAGE COLLECTION**

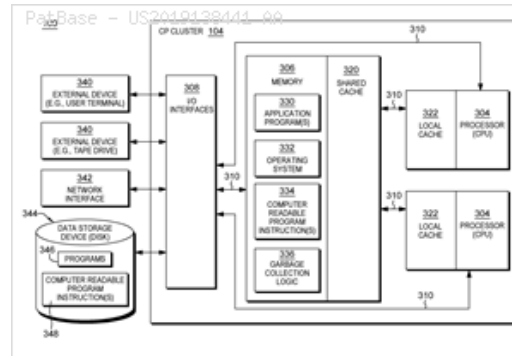
Abstract: Affinity domain based **garbage collection** is facilitated for a non-uniform memory access (NUMA) computing environment. The affinity domain a memory region is allocated is determined. Based on a processor of the NUMA computing environment having a matching affinity domain to the affinity domain in the memory region, the processor performs **garbage collection** processing on the memory region. The processor is one processor of a plurality of processors of the NUMA computing environment. In a global **garbage collection** work queue embodiment, the processor initially determines that it has a matching affinity domain to the affinity domain of the memory region to be processed. In a multiple **garbage collection** work queue implementation, memory regions are enqueued on a designated work queue for the affinity domain to which the memory region is allocated. The locality domain-based **garbage collection** processing presented may be implemented at one or more system architectural levels.

Classifications:**International (IPC 8-9):** G06F12/02 G06F12/0811 G06F12/1027

G06F9/455 G06F9/50

CPC: G06F12/0253 G06F12/0269 G06F12/0811 G06F12/1027

G06F2009/45583 G06F9/45558 G06F9/5016 G06F9/5022

US: 1/1**Family:**

Publication number	Publication date	Application number	Application date
US10691590 BB	20200623	US20170807933	20171109
US2019138441 AA	20190509	US20170807933	20171109

Priority:

US20170807933 20171109

Probable Assignee: IBM**Assignee(s):** (std): IBM**Assignee(s):** INT BUSINESS MACHINES CORP**Inventor(s):** (std): GSCHWIND MICHAEL K ; WANG ZHONG L**Agent(s):** CHIU ESQ STEVEN; HESLIN ROTHENBERG FARLEY AND MESITI PC; RADIGAN ESQ KEVIN P**Legal status (INPADOC)**[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US10691590 BB	20171109	LSAS	AS	ASSIGNMENT	Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW Y PartyType: owner OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:GSCHWIND, MICHAEL K.;WANG, ZHONG L.;REEL/FRAME:044081/0296 Effective date: 20171108
US10691590 BB	20171109	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:GSCHWIND, MICHAEL K.;WANG, ZHONG L.;REEL/FRAME:044081/0296 PartyType: owner Effective date: 20171108 Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW YORK
US10691590 BB	20171109	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10691590 BB	20171218		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US10691590 BB	20200623	LSGT	+	granted / extensions (spc, cpc, pte)	
US10691590 BB	20380829	PEXP		Calculated Patent Term Expiry (PTA 293)	

US2019138441 AA	20171218		RFE1	days) Docketed New Case - Ready for Examination	
US2019138441 AA	20190509	LSPB	+	published / reissued	
US2019138441 AA	20191029	LSES	NFA1	Non Final Action Mailed	
US2019138441 AA	20191029		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NON FINAL ACTION MAILED
US2019138441 AA	20200127		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2019138441 AA	20200127		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
US2019138441 AA	20200210	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019138441 AA	20200210		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019138441 AA	20200519	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2019138441 AA	20200519		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2019138441 AA	20200603	LSGT	PAT1	Patented Case	
US2019138441 AA	20200603	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE

Title: COMPILING REGULAR EXPRESSION SIDE-EFFECTS TO JAVA OR C# CODE

Abstract: An entire regex scripting grammar, including DoPattern side-effects and parameterizable rules with parameters accessible by DoPatterns and CapturePatterns declared within, is compiled to 100 percent Java™ or C# code (rather than bytecode instructions of a specialized, embedded virtual machine), given a suitable change to the translator and additional helper classes in the library for primitive int and String data-type mappings. The regex scripting grammar realizes the advantages of hotspot compilation for the entire script, including side-effects. Side-effect pseudo-instructions generated by the automata are a stream of integers referenced to various DoPattern objects created by the script at regex composition time, rather than being a stream of instructions modeling the prelist and postlist statements of the DoPatterns written in the grammar.

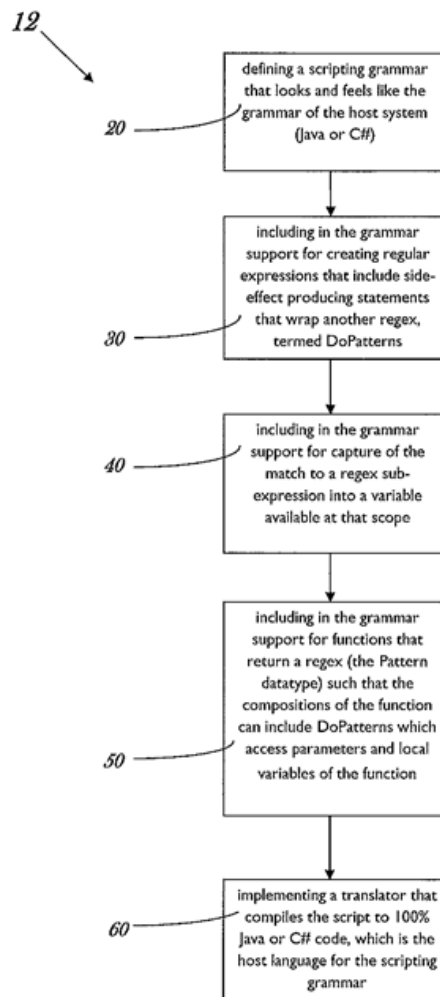
Classifications:

International (IPC 8-9): G06F9/44 G06F9/45

CPC: G06F8/31 G06F8/315 G06F8/41 G06F8/42 G06F8/51

US: 1/1

PatBase - US9361070 BA



Family:

Publication number	Publication date	Application number	Application date
US9361070 BA	20160607	US20120359763	20120127

Priority:

US20120359763 20120127

Probable Assignee:

NUSS ANDREW

Assignee(s): (std):

NUSS ANDREW

Inventor(s): (std):

NUSS ANDREW

Agent(s):

CHARLES L

Legal status (INPADOC)

[View legal status timeline](#)

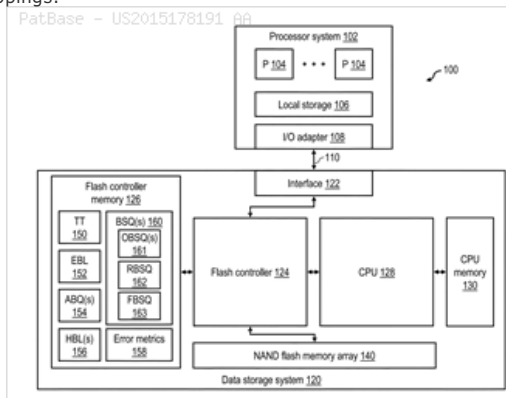
Patent Date recorded Event group Code Event Details

US9361070 BA	20160518	LSGT	PAT1	Patented Case	
US9361070 BA	20160518	LSGT	STCF	INFORMATION	Text: PATENTED CASE

				ON STATUS: PATENT GRANT	
US9361070 BA	20160607	LSGT	+	granted / extensions (spc, cpc, pte)	
US9361070 BA	20200127	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: MAINTENANCE FEE REMINDER MAILED (ORIGINAL EVENT CODE: REM.); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US9361070 BA	20200522	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: SURCHARGE FOR LATE PAYMENT, SMALL ENTITY (ORIGINAL EVENT CODE: M2554); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY
US9361070 BA	20200522	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9361070 BA	20340316	PEXP		Calculated Patent Term Expiry (PTA 779 days)	

Title: COLLABORATIVE HEALTH MANAGEMENT IN A STORAGE SYSTEM

Abstract: In at least one embodiment, multiple controllers implement collaborative management of a non-volatile hierarchical storage system. In the storage system, a first controller receives health reports from at least second and third controllers regarding health of multiple storage units of physical storage under control of the second and third controllers and maintains a health database of information received in the health reports. In response to a health event and based on information in the health database, the first controller modifies logical-to-physical address mappings of one or more of multiple storage units under its control such that data having greater access heat is mapped to relatively healthier storage units and data having less access heat is mapped to relatively less healthy storage units. Thereafter, the first controller directs write requests to storage units under its control in accordance with the modified logical-to-physical address mappings.

Classifications:**International (IPC 8-9):** G06F12/00 G06F12/02 G06F3/06**CPC:** G06F12/0246 G06F2212/7201 G06F2212/7211**US:** 711/103 1/1**Family:**

Publication number	Publication date	Application number	Application date
CN104731523 A	20150624	CN201410686220	20141125
CN104731523 B	20180410	CN201410686220	20141125
US2015178191 AA	20150625	US20130139957	20131224
US9619381 BB	20170411	US20130139957	20131224

Priority:

US20130139957 20131224

Probable Assignee: IBM**Assignee(s):** (std): IBM ; INT BUSINESS MACHINES CORP**Inventor(s):** (std): ANDREW D WALLS ; CAMP CHARLES J ; CHARLES J CAMP ; WALLS ANDREW D**Agent(s):** BRIAN F; RANDALL J**Legal status (INPADOC)**[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN104731523 A	20150624	LSPB	+	published / reissued	
CN104731523 A	20150624	LSPB	+C06	PUBLICATION	
CN104731523 A	20150722		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN104731523 B	20180410	LSGT	+	granted / extensions (spc, cpc, pte)	
CN104731523 B	20180410	LSGT	+GR01	PATENT GRANT	
CN104731523 B	20341125	PEXP		Calculated Patent Term Expiry	
US2015178191 AA	20150625	LSPB	+	published / reissued	
US2015178191 AA	20170322	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US9619381 BB	20131224	LSAS	AS	ASSIGNMENT	Effective date: 20131219 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CAMP, CHARLES J;WALLS, ANDREW D.;REEL/FRAME:031844/0777 Owner: INTERNATIONAL BUSINESS

MACHINES CORPORATION, NEW Y PartyType: owner					
US9619381 BB	20150321		RFE1	Docketed New Case - Ready for Examination	
US9619381 BB	20170322	LSGT	PAT1	Patented Case	
US9619381 BB	20170411	LSGT	+	granted / extensions (spc, cpc, pte)	
US9619381 BB	20200717	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US9619381 BB	20350903	PEXP		Calculated Patent Term Expiry (PTA 618 days)	

Title: LOCALITY DOMAIN-BASED MEMORY POOLS FOR VIRTUALIZED COMPUTING ENVIRONMENT

Abstract: Processing within a non-uniform memory access (NUMA) computing environment is facilitated by obtaining memory for a memory heap for an application of a virtualized environment of the NUMA computing environment, and assigning portions of memory of the obtained memory to locality domain-based freelists. The assigning including obtaining, for a selected portion of memory of the portions of memory, a locality domain within the NUMA computing environment with which the portion of memory is associated, and adding the selected portion of memory to a corresponding locality domain-based freelist of the locality domain-based freelists based on the associated locality domain of the portion of memory. Domain locality is then used in allocating the memory from the locality domain-based freelists to processors of the NUMA computing environment performing processing of the application.

Classifications:

International (ipc 8-9): G06F12/00 G06F12/02 G06F12/1045 G06F13/16

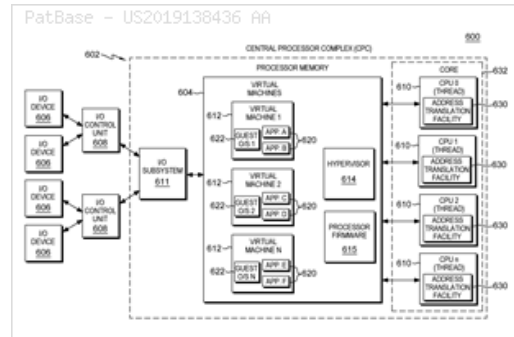
CPC: G06F12/023 G06F12/0253 G06F12/1036 G06F12/1045 G06F12/109

G06F13/1663 G06F2212/1024 G06F2212/1044 G06F2212/151

G06F2212/154 G06F2212/2542 G06F2212/65 G06F2212/651

G06F2212/657

US: 1/1



Family:

Publication number	Publication date	Application number	Application date
US10552309 BB	20200204	US20170807957	20171109
US2019138436 AA	20190509	US20170807957	20171109
US2019286553 AA	20190919	US20190429291	20190603

Priority:

US20170807957 20171109 US20190429291 20190603

Probable Assignee: IBM

Assignee(s): (std): IBM

Assignee(s): INT BUSINESS MACHINES CORP

Inventor(s): (std): GSCHWIND MICHAEL K

Agent(s): CHIU ESQ STEVEN; HESLIN ROTHENBERG FARLEY AND MESITI PC; RADIGAN ESQ KEVIN P

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US10552309 BB	20171109	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:GSCHWIND, MICHAEL K.;REEL/FRAME:044081/0414 Effective date: 20171108 Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW Y PartyType: owner
US10552309 BB	20171109	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:GSCHWIND, MICHAEL K.;REEL/FRAME:044081/0414 Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW YORK Effective date: 20171108 PartyType: owner
US10552309 BB	20171109	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10552309 BB	20200204	LSGT	+	granted / extensions (spc, cpc, pte)	
US10552309 BB	20371109	PEXP		Calculated Patent Term Expiry (a terminal disclaimer has been filed)	
US2019138436 AA	20190509	LSPB	+	published / reissued	
US2019138436 AA	20190528	LSES	NAM1	Notice of Allowance	

US2019138436 AA	20190528		STPP	Mailed -- Application Received in Office of Publications INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019138436 AA	20190823		RFE1	Docketed New Case - Ready for Examination	
US2019138436 AA	20190823		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2019138436 AA	20190930	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019138436 AA	20190930		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019138436 AA	20191115	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019138436 AA	20191115		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019138436 AA	20200106	LSFE	PPV1	Publications -- Issue Fee Payment Verified	
US2019138436 AA	20200106		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
US2019138436 AA	20200115	LSGT	PAT1	Patented Case	
US2019138436 AA	20200115	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2019286553 AA	20190603	LSAS	AS	ASSIGNMENT	Effective date: 20171108 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:GSCHWIND, MICHAEL K.;REEL/FRAME:049345/0134 PartyType: owner Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW Y
US2019286553 AA	20190614		RFE1	Docketed New Case - Ready for Examination	
US2019286553 AA	20190919	LSPB	+	published / reissued	

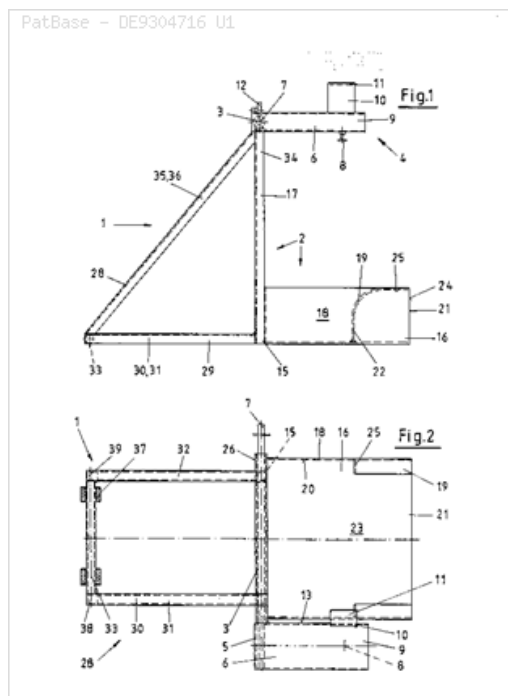
Abstract: Source: DE9304716 U1 **Machine translation:** (Claim 1) 1 Device for lifting of trash cans and emptying into containers or similar Grossbehälter, with a receptacle for characterized the dumpster, which is pivotally mounted about an upper edge of the receptacle arranged joint in a frame, the frame (4) over two rotational axis (7) interconnected forklift pockets (6) is formed and that the inclusion (2) a cantilevered Kippgerüst (28).

Classifications:

International (IPC 8-9): B65G65/00 B65G65/23 B66F9/12 B66F9/19

International (IPC 1-7): B65G65/23 B66F9/18 B66F9/19

CPC: B65G65/23 B66F9/19



Family:

Publication number	Publication date	Application number	Application date
DE9304716 U1	19930902	DE19930004716U	19930327
DE9318731 U1	19940407	DE19930018731U	19931207

Priority:

DE19930004716U 19930327 DE19930018731U 19931207

Probable Assignee: GEHRMANN WERNER

Assignee(s): (std): GEHRMANN WERNER

Assignee(s): GEHRMANN WERNER 44534 LUENEN DE ; GEHRMANN WERNER 4670 LUENEN DE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE9304716 U1	19930902	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9304716 U1	20030327	PEXP		Calculated Patent Term Expiry	
DE9318731 U1	19940407	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9318731 U1	20031207	PEXP		Calculated Patent Term Expiry	

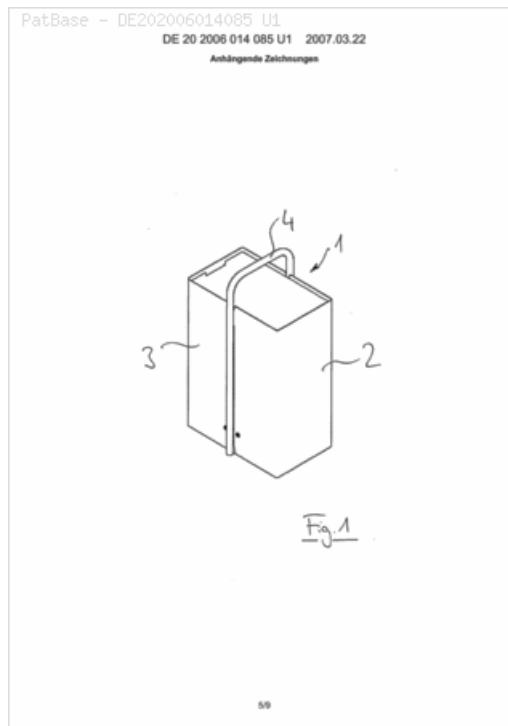
Title: HOUSEHOLD WASTE **COLLECTING** DEVICE, HAS DECAY **COLLECTING** BOX, WHERE COVER INDIRECTLY COVERS DECAY **COLLECTING** BOX AND DECAY **COLLECTING** BOX IS ROTATABLE RELATIVE TO BASE PLATE AROUND HORIZONTAL AXIS

Abstract: The device (1) has a decay **collecting** box, where a cover indirectly covers the decay **collecting** box. A base plate is provided, where the cover is indirectly fastened to the base plate, where the base plate consists of a frame. The decay **collecting** box is rotatable relative to the base plate around a horizontal axis. The horizontal axis is arranged in a lower area or below the decay **collecting** box.

Classifications:

International (IPC 8-9): B65D1/00 B65D1/12

CPC: B65F1/141 B65F1/1415 B65F1/1426 B65F1/1436



Family:

Publication number	Publication date	Application number	Application date
DE202006014085 U1	20070215	DE200620014085U	20060909

Priority:

DE200620014085U 20060909

Probable Assignee:

NIRO PLAN AG

Assignee(s): (std):

NIRO PLAN AG

Legal status (INPADOC)

[View legal status timeline](#)

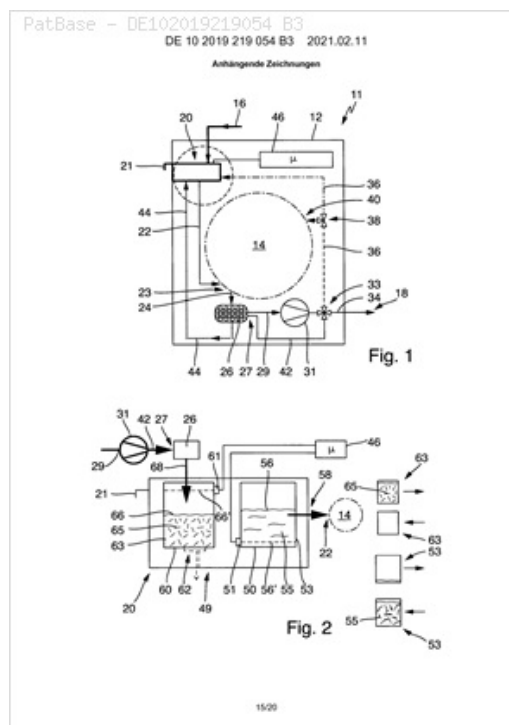
Patent	Date recorded	Event group	Code	Event	Details
DE202006014085 U1	20070215	LSGT	+	granted / extensions (spc, cpc, pte)	
DE202006014085 U1	20070322	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 20070322
DE202006014085 U1	20100722	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	Effective date: 20100401
DE202006014085 U1	20160909	PEXP		Calculated Patent Term Expiry	

Title: Water-bearing HOUSEHOLD APPLIANCE AND METHOD FOR OPERATING SUCH A WATER-CARRYING HOUSEHOLD APPLIANCE
(Machine translation)

Abstract: Source: DE102019219054 B3 **Machine translation:** A washing machine includes a treatment chamber, a water guide, leading away from the treating chamber and which leads to the treating chamber to a connected with the water guide receptacle for detergent with a detergent tank, a filter device for filtering out of fibers in the form of micro-plastic made from water and a filter device connectable receptacle for filtrate from the filter device. The receptacle for filtrate has a filtrate tank, and the receptacle for detergent is fixedly connected with the receptacle for filtrate in such a way that they are part of a self-manageable assembly or a standalone-handle assembly. The filtrate tank and the detergent container are outwardly closed.

Classifications:

International (IPC 8-9): A47L15/42 D06F39/02 D06F39/10



Family:

Publication number	Publication date	Application number	Application date
DE102019219054 B3	20210211	DE201910219054	20191206

Priority:

DE201910219054 20191206

Probable Assignee: EGO ELEKTRO GERAETEBAU GMBH

Assignee(s): (std): EGO ELEKTRO GERAETEBAU GMBH

Inventor(s): (std): EISELT JUERGEN ; SCHAUMANN UWE

Inventor(s): EISELT JUERGEN DR

Agent(s): PATENTANWAELTE RUFF WILHELM BEIER DAUSTER AND PARTNER MBB

Legal status (INPADOC)

[View legal status timeline](#)

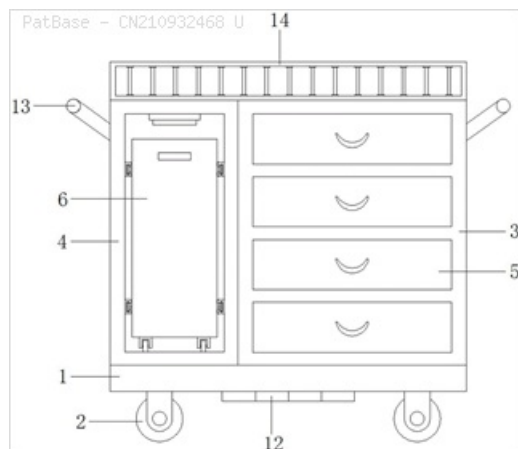
Patent	Date recorded	Event group	Code	Event	Details
DE102019219054 B3	20210211	LSGT	+	granted / extensions (spc, cpc, pte)	
DE102019219054 B3	20391206	PEXP		Calculated Patent Term Expiry	

Title: GYNECOLOGICAL OPERATION NURSING DEVICE

Abstract: The utility model relates to a gynecological operation nursing device. Including a base, universal wheels are symmetrically and fixedly arranged at the bottom of the base. Wherein a first box body anda second box body are fixedly arranged at the top of the base; storage **drawers** are arranged on the first box body at equal intervals; a **garbage can** is arranged in an inner cavity of the second box body; u-shaped frames are symmetrically and fixedly arranged at the bottom of the **garbage can**; nursing **garbage can** be **collected** and stored; storage **drawer**, a vertical partition plate and a transverse partition plate are arranged in an inner cavity of the storage **drawer**; the inner cavity of the storage **drawer can** be divided into a plurality of groups of storage cavities by the vertical partition plates and the transverse partition plates; medical nursing instruments **can** be stored in a classified manner; nursing **garbage can** be **collected** by arranging a **garbage can**, the nursing **garbage collected** inthe **garbage can can** be sterilized and disinfected by arranging an ultraviolet sterilization lamp, bacteria breeding **can** be prevented, the **garbage can** is conveniently pulled by arranging a sliding groove and a strip-shaped sliding plate, the **garbage can** is conveniently taken out of an inner cavity of the second box body, and **garbage** pouring and **garbage** cleaning are facilitated.

Classifications:

International (IPC 8-9): A61G12/00 A61L11/00 A61L2/10

**Family:**

Publication number	Publication date	Application number	Application date
CN210932468 U	20200707	CN201921605082U	20190925

Priority:

CN201921605082U 20190925

Probable Assignee: NORMALLY XIAO HAN
Assignee(s): (std): CHANG XIAOHAN
Assignee(s): NORMALLY XIAO HAN
Inventor(s): (std): CHANG XIAOHAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN210932468 U	20200707	LSGT	+	granted / extensions (spc, cpc, pte)	
CN210932468 U	20200707	LSGT	+GR01	PATENT GRANT	
CN210932468 U	20200707	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN210932468 U	20290925	PEXP		Calculated Patent Term Expiry	

Title: TRASH RECEPTACLE **GARBAGE** BAG DISPENSER

Abstract: A trash receptacle capable of receiving and dispensing **garbage** bags. The receptacle may include a compartment enclosed by walls of the trash receptacle, the compartment being the enclosure for receiving trash, two parallel and planar horizontal bars or rods within the compartment, with the bars or rods being structurally configured to receive and dispense **garbage** bags. The receptacle may also have a lid over the compartment, the lid providing access into the compartment.

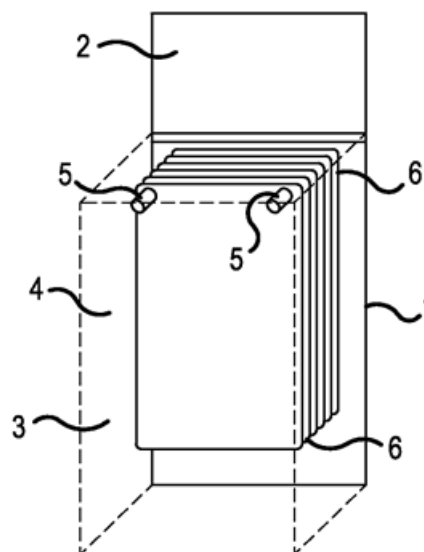
Classifications:

International (IPC 8-9): A47B81/00 A47F13/08 A47G29/00 B65B67/12 B65D1/34 B65D25/02 B65D25/10 B65D43/14 B65D83/00 B65D85/00 B65F B65F1/06 B65F1/14 B65F1/16 F16B2/20

CPC: B65B2067/1261 B65B2067/1294 B65B59/003 B65B59/04 B65B67/1216 B65B67/1227 B65B67/1233 B65B67/1266 B65D1/34 B65F1/062 B65F1/068 B65F1/1415 B65F1/1426 B65F2210/148 B65F2210/18 B65B43/14 B65F1/16 B65F2220/106

US: 211/85 211/85.15 220/200 220/495.07 220/571

PatBase - US2016001973 AA



Family:

Publication number	Publication date	Application number	Application date
CA2974537 AA	20170720	CA20162974537	20160202
CA2974537 C	20200310	CA20162974537	20160202
CN107207156 A	20170926	CN201680008562	20160202
EP3253689 A1	20171213	EP20160747113	20160202
EP3253689 A4	20181107	EP20160747113	20160202
HK1247902 A1	20181005	HK20180100254	20180108
US10370187 BB	20190806	US20150854913	20150915
US2016001973 AA	20160107	US20150854913	20150915
US2019270584 AA	20190905	US20190419708	20190522
WO16126704 A1	20160811	WO2016US16168	20160202

Priority:

US20150112465P 20150205 US20150854913 20150915 WO2016US16168 20160202
US20190419708 20190522

Probable Assignee: RDC SYSTEMS LLC

Assignee(s): (std): CASTRO DEJA S ; RDC SYSTEMS LLC

Inventor(s): (std): CASTRO DEJA S

Agent(s): AIRD AND MCBURNEY LP; BARTLE READ; EVANS ANDREA H; HNC INNOVATION LTD; LAW FIRM OF ANDREA HENCE EVANS LLC

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 IR 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CA2974537 AA	20170720	LSPB	+	published / reissued	
CA2974537 AA	20170824	LSES	+EEER	EXAMINATION REQUEST	Effective date: 20170720
CA2974537 C	20200310	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2974537 C	20360202	PEXP		Calculated Patent Term	

Expiry					
CN107207156 A	20170926	LSPB	+	published / reissued	
CN107207156 A	20170926	LSPB	PB01	PUBLICATION	
CN107207156 A	20170926	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN107207156 A	20180130		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN107207156 A	20180130		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
CN107207156 A	20181005		REG	REFERENCE TO A NATIONAL CODE	Ref country code: HK Ref document number: 1247902 Ref legal event code: DE Country of Ref document: HK
CN107207156 A	20191115	LSAS	TA01	TRANSFER OF PATENT APPLICATION RIGHT	
CN107207156 A	20191115	LSAS	TA01	专利申请权的转移 (Transfer of patent application right)	Applicant After Change: 瑞迪斯系统有限责任公司 (Rui Artis system limited liability company) Applicant Before Change: 德亚·S·卡斯特罗 (Der alkylene · S · Castro) Effective date: 20191028 Text: 专利申请权、专利权的转移 (Transfer of Patent Application or Patent Right)
CN107207156 A	20191227	LSAS	TA01	TRANSFER OF PATENT APPLICATION RIGHT	
CN107207156 A	20191227	LSAS	TA01	专利申请权的转移 (Transfer of patent application right)	Applicant After Change: 瑞迪斯系统有限责任公司 (Rui Artis system limited liability company) Applicant Before Change: 瑞迪斯系统有限责任公司 (Rui Artis system limited liability company) Effective date: 20191206 Text: 专利申请权、专利权的转移 (Transfer of Patent Application or Patent Right)
EP3253689 A1	20171213	LSPB	+	published / reissued	
EP3253689 A1	20171213	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20170815
EP3253689 A1	20171213		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: 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
EP3253689 A1	20171213		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD
EP3253689 A1	20171213		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3253689 A1	20180509		DAV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (DELETED)	
EP3253689 A1	20180509		DAX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)	
EP3253689 A4	20181107	LSES	+A4	SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED	Effective date: 20181010
EP3253689 A4	20181107		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65D 85/00 20060101ALI20181003BHEP
EP3253689 A4	20181107		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65F 1/06 20060101AFI20181003BHEP
EP3253689 A4	20181107		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65B 67/12 20060101ALI20181003BHEP
EP3253689 A4	20181107		RIC1	INFORMATION PROVIDED ON IPC CODE ASSIGNED	ClassificationScheme: IPC ClassificationSymbol: B65D

EP3253689 A4	20181107		RIC1	BEFORE GRANT INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	83/00 20060101ALI20181003BHEP ClassificationScheme: IPC ClassificationSymbol: B65D 43/14 20060101ALI20181003BHEP
EP3253689 A4	20181107		RIC1	BEFORE GRANT INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65D 25/10 20060101ALI20181003BHEP
EP3253689 A4	20181107		RIC1	BEFORE GRANT INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65F 1/14 20060101ALI20181003BHEP
EP3253689 A4	20181107		RIC1	BEFORE GRANT INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT	ClassificationScheme: IPC ClassificationSymbol: B65D 25/02 20060101ALI20181003BHEP
EP3253689 A4	20191225	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: RDC SYSTEMS, LLC PartyType: owner
HK1247902 A1	20181005	LSPB	+	published / reissued	
US10370187 BB	20190806	LSGT	+	granted / extensions (spc, cpc, pte)	
US10370187 BB	20191108	LSAS	AS	ASSIGNMENT	Effective date: 20191108 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:RDC SYSTEMS LLC;REEL/FRAME:050963/0216 Owner: RDC SYSTEMS LLC, NEVADA PartyType: owner
US10370187 BB	20370810	PEXP		Calculated Patent Term Expiry (PTA 695 days)	
US2016001973 AA	20151215		RFE1	Docketed New Case - Ready for Examination	
US2016001973 AA	20160107	LSPB	+	published / reissued	
US2016001973 AA	20161222	LSAS	AS	ASSIGNMENT	Effective date: 20161222 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:CASTRO, DEJA S;REEL/FRAME:040756/0924 Owner: RDC SYSTEMS, LLC, CALIFORNIA PartyType: owner
US2016001973 AA	20171223	LSES	NFA2	Non Final Action Counted, Not Yet Mailed	
US2016001973 AA	20180514	LSES	NFA1	Non Final Action Mailed	
US2016001973 AA	20181030		RSP4	Response to Non-Final Office Action Entered and Forwarded to Examiner	
US2016001973 AA	20190128		FRM1	Final Rejection Mailed	
US2016001973 AA	20190128		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: FINAL REJECTION MAILED
US2016001973 AA	20190402		RSP1	Response after Final Action Forwarded to Examiner	
US2016001973 AA	20190402		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: RESPONSE AFTER FINAL ACTION FORWARDED TO EXAMINER
US2016001973 AA	20190415	LSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2016001973 AA	20190415		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2016001973 AA	20190621	LSFE	PPR1	Publications -- Issue Fee Payment Received	
US2016001973 AA	20190621		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: PUBLICATIONS -- ISSUE FEE PAYMENT RECEIVED

US2016001973 AA	20190717	LSGT	PAT1	Patented Case	
US2016001973 AA	20190717	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2019270584 AA	20190606	LSAS	AS	ASSIGNMENT	Effective date: 20190528 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:CASTRO, DEJA S;REEL/FRAME:049398/0800 Owner: RDC SYSTEMS LLC, CALIFORNIA PartyType: owner
US2019270584 AA	20190712		APP1	Application Dispatched from Preexam, Not Yet Docketed	
US2019270584 AA	20190712		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: APPLICATION DISPATCHED FROM PREEXAM, NOT YET DOCKETED
US2019270584 AA	20190905	LSPB	+	published / reissued	
US2019270584 AA	20191028		RFE1	Docketed New Case - Ready for Examination	
US2019270584 AA	20191028		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: DOCKETED NEW CASE - READY FOR EXAMINATION
US2019270584 AA	20191108	LSAS	AS	ASSIGNMENT	Effective date: 20191108 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:RDC SYSTEMS LLC;REEL/FRAME:050963/0216 Owner: RDC SYSTEMS LLC, NEVADA PartyType: owner
US2019270584 AA	20201123	LSES	NFA1	Non Final Action Mailed	
WO16126704 A1	20160811	LSPB	+	published / reissued	
WO16126704 A1	20160928		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 16747113 Country of Ref document: EP
WO16126704 A1	20170720	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2974537 Country of Ref document: CA
WO16126704 A1	20170808	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO16126704 A1	20170815		+REEP	REQUEST FOR ENTRY INTO THE EUROPEAN PHASE	Ref document number: 2016747113 Country of Ref document: EP

Title: AIR VACUUM RUBBISH TREATMENT SYSTEM - DRAWS AIR THROUGH GRILLE AT BASE OF A COMPACTION CHAMBER

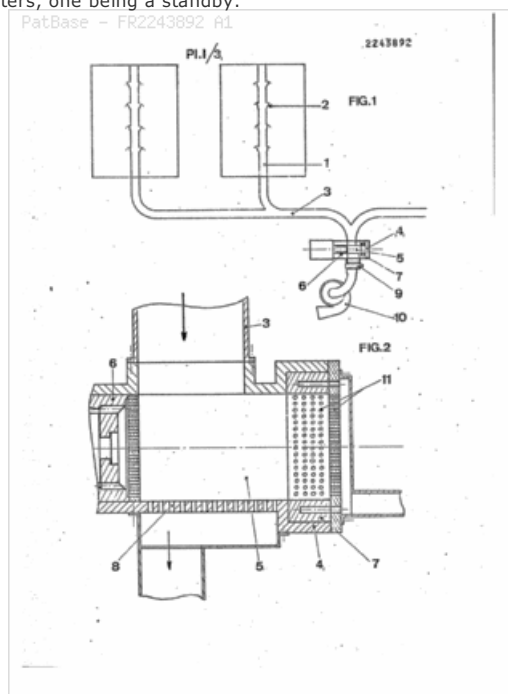
Abstract: The rubbish treatment system is suitable for multi storey buildings using a sealed, ducted air system. A chamber (5) is fitted at the end of the final duct (3). When full of rubbish, a photoelectric cell operates the piston (6) which moves forward and compresses the material into the cavity of a die (4, 7), forming a block of reduced volume. Liquids extracted during this process are disposed of through holes (11) in the walls of the chamber. Operating air for the system is drawn through a grille (8) in the compression chamber; refuse passing through this is **collected** on two filters, one being a standby.

Classifications:

International (IPC 8-9): B30B9/00 B30B9/30 B65F1/12 B65F3/02 B65F5/00

International (IPC 1-7): B30B15/30 B30B9/30 B65F1/12 B65F5/00 B65G53/24

CPC: B30B9/301 B65F1/127 B65F3/0209 B65F5/005



Family:

Publication number	Publication date	Application number	Application date
FR2243892 A1	19750411	FR19730033535	19730919

Priority:

FR19730033535 19730919

Probable Assignee:

HYDROMER SOC CIV

Assignee(s): (std):

HYDROMER SOC CIV

Assignee(s):

HYDROMER STE CIVILE FR

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR2243892 A1	19750411	LSPB	+	published / reissued	
FR2243892 A1	19771118	LSLE	-ST	NOTIFICATION OF LAPSE	

Title: FACILITATING ACCESS TO MEMORY LOCALITY DOMAIN INFORMATION

Abstract: Processing within a computing environment is facilitated by ascertaining locality domain information of a unit of memory to processing capability within the computing environment. Once ascertained, the locality domain information of the unit of memory may be cached in a data structure to facilitate one or more subsequent lookups of the locality domain information associated with one or more affinity evaluations of the unit of memory to processing capability of the computing environment.

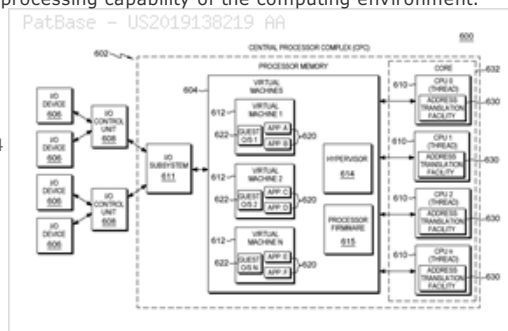
Classifications:

International (IPC 8-9): G06F12/00 G06F12/02 G06F12/0811
G06F12/0862 G06F12/1009 G06F12/1027 G06F13/00 G06F3/06
G06F9/445 G06F9/455

CPC: G06F12/023 G06F12/0253 G06F12/0811 G06F12/0862 G06F12/1009
G06F12/1027 G06F12/1036 G06F2212/1016 G06F2212/2542
G06F2212/283 G06F2212/602 G06F2212/65 G06F2212/651 G06F2212/654
G06F2212/657 G06F2212/68 G06F2212/681 G06F2212/702 G06F3/0611
G06F3/0659 G06F3/0685

US: 1/1

JP F-Term: 5B205 5B205/JJ11 5B205/KK14 5B205/MM01 5B205/MM36
5B205/MM51 5B205/RR03 5B205/RR04 5B205/UU31

**Family:**

Publication number	Publication date	Application number	Application date
CN111316248 A	20200619	CN201880071960	20181029
DE112018005404 T5	20200625	DE201811005404T	20181029
GB202007647 A0	20200708	GB20200007647	20181029
GB2581924 A1	20200902	GB20200007647	20181029
JP2021502637 T2	20210128	JP20200524789T	20181029
US10445249 BB	20191015	US20170807949	20171109
US2019138219 AA	20190509	US20170807949	20171109
US2019286572 AA	20190919	US20190427595	20190531
WO19092548 A1	20190516	WO20181B58444	20181029

Priority:

US20170807949 20171109 WO20181B58444 20181029 US20190427595 20190531

Probable Assignee: IBM

Assignee(s): (std): IBM ; IBM CHINA INVESTMENT CO LTD ; IBM UK

Assignee(s): IBM UNITED KINGDOM LTD ; INT BUSINESS MACHINES ARMONK CORP ; INT BUSINESS MACHINES CORP

Inventor(s): (std): BRADBURY JONATHAN ; BRADBURY JONATHAN D ; GSCHWIND MICHAEL K ; GSCHWIND MICHAEL KARL ; JONATHAN DAVID BRADBURY ; MICHAEL KARL GSCHWIND

Inventor(s): BRADBURY JONATHAN PUGHKEEPSIE ; GSCHWIND MICHAEL KARL PUGHKEEPSIE

Agent(s): CHIU ESQ STEVEN; HESLIN ROTHENBERG FARLEY AND MESITI PC; LIFETECH IP SPIES AND BEHRNDT PATENTANWALTE PARTG MBB; LITHERLAND DAVID; RADIGAN ESQ KEVIN P

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
CN111316248 A	20200619	LSPB	+	published / reissued	
CN111316248 A	20200619	LSPB	PB01	PUBLICATION	
CN111316248 A	20200619	LSPB	PB01	公开 (The publication of application)	Text: 公开 (Disclosure)
CN111316248 A	20200714		SE01	ENTRY INTO FORCE OF REQUEST FOR SUBSTANTIVE EXAMINATION	
CN111316248 A	20200714		SE01	实质审查请求的生效 (The entry into substantive examination)	Text: 实质审查的生效 (Force of substantive review)
DE112018005404 T5	20200507	LSES	+R012	REQUEST FOR EXAMINATION VALIDLY FILED	

DE112018005404 T5	20200625	LSPB	+	published / reissued	
DE112018005404 T5	20200709		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: G06F0012102700 Text: PREVIOUS MAIN CLASS: G06F0013000000
DE112018005404 T5	20200709		R079	AMENDMENT OF IPC MAIN CLASS	ClassificationScheme: IPC ClassificationSymbol: G06F0012102700 Text: PREVIOUS MAIN CLASS: G06F0013000000
GB2581924 A1	20200902	LSPB	+	published / reissued	
JP2021502637 T2	20200825	LSRE	A521	WRITTEN AMENDMENT	Text: JAPANESE INTERMEDIATE CODE: A523 Effective date: 20200612
JP2021502637 T2	20200930		RD12	NOTIFICATION OF ACCEPTANCE OF POWER OF SUB ATTORNEY	Text: JAPANESE INTERMEDIATE CODE: A7432 Effective date: 20200930
JP2021502637 T2	20210128	LSPB	+	published / reissued	
US10445249 BB	20171109	LSAS	AS	ASSIGNMENT	Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW Y OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:GSCHWIND, MICHAEL K.;BRADBURY, JONATHAN D.;SIGNING DATES FROM 20171107 TO 20171108;REEL/FRAME:044081/0369 PartyType: owner
US10445249 BB	20171109	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: ENTITY STATUS SET TO UNDISCOUNTED (ORIGINAL EVENT CODE: BIG.); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY
US10445249 BB	20191015	LSGT	+	granted / extensions (spc, cpc, pte)	
US10445249 BB	20371109	PEXP		Calculated Patent Term Expiry	
US2019138219 AA	20190509	LSPB	+	published / reissued	
US2019138219 AA	20190528	LSSES	NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications	
US2019138219 AA	20190528		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
US2019138219 AA	20190904	LSFE	AWA3	Awaiting TC Resp, Issue Fee Payment Verified	
US2019138219 AA	20190904		STPP	INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL	Text: AWAITING TC RESP, ISSUE FEE PAYMENT VERIFIED
US2019138219 AA	20190925	LSGT	PAT1	Patented Case	
US2019138219 AA	20190925	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2019286572 AA	20190531	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:GSCHWIND, MICHAEL K.;BRADBURY, JONATHAN D.;SIGNING DATES FROM 20171107 TO 20171108;REEL/FRAME:049329/0016 Owner: INTERNATIONAL BUSINESS MACHINES CORPORATION, NEW Y PartyType: owner
US2019286572 AA	20190614		RFE1	Docketed New Case - Ready for Examination	
US2019286572 AA	20190919	LSPB	+	published /	

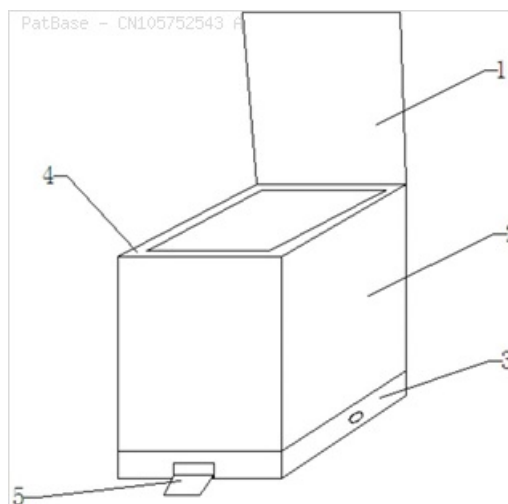
					reissued
WO19092548 A1	20190516	LSPB	+		published / reissued
WO19092548 A1	20190626		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 18876267 Country of Ref document: EP
WO19092548 A1	20200507	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2020524789 Kind code of Ref document: A Country of Ref document: JP
WO19092548 A1	20200522	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Text: PCT FILING DATE = 20181029 Ref document number: 202007647 Kind code of Ref document: A Country of Ref document: GB
WO19092548 A1	20201118	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 18876267 Country of Ref document: EP

Title: DIFFUSION PREVENTING **GARBAGE CAN**

Abstract: The invention provides a diffusion preventing **garbage can**. The diffusion preventing **garbage can** comprises a **can** cover, a **can** body, a **collecting drawer**, an extensible unit, a pedal and an air draft unit. The air draft unit comprises a controller, an electric motor, a position sensor and a suction fan. Air suction ports of the suction fan are evenly distributed in the outer wall of the extensible baffle, an air outlet of the suction fan is communicated with the **collecting drawer** at the bottom of the **can** body, the **collecting drawer** is provided with a filter screen and **can** be outwards pulled out with respect to the **can** body, the position sensor is located at the bottom of the pedal, and the controller is electrically connected with the electric motor and the position sensor. During **garbage** dumping, **garbage can** be effectively prevented from being dumped to the outside and is not limited by the **can** cover of the **garbage can**, smell inside the **garbage can can** be prevented from diffusing, and the **garbage can** is convenient to clean.

Classifications:

International (IPC 8-9): B65D43/26 B65F1/00 B65F1/10

**Family:**

Publication number	Publication date	Application number	Application date
CN105752543 A	20160713	CN201410801850	20141219

Priority:

CN201410801850 20141219

Probable Assignee: TIANJIN DONGXIANG CHEMICAL FACTORY

Assignee(s): (std): TIANJIN DONGXIANG CHEMICAL FACTORY

Assignee(s): TIANJIN EAST CHEUNG CHEMICAL PLANT

Inventor(s): (std): WANG WENCAI

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN105752543 A	20160713	LSPB	+	published / reissued	
CN105752543 A	20160713	LSPB	+C06	PUBLICATION	
CN105752543 A	20180710	LSDW	-WD01	INVENTION PATENT APPLICATION DEEMED WITHDRAWN AFTER PUBLICATION	

Title: THE HYGIENIC **GARBAGE** BIN WITH A **DRAWER**

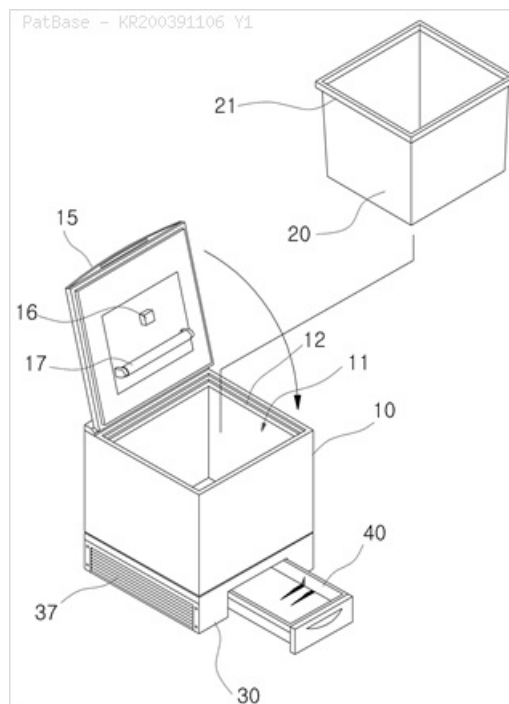
Abstract: Source: KR200391106 Y1 **Machine translation:** This causes the microbial disinfection capabilities within the stench of **garbage** materials by oxidizing various features as well as to get rid of the odor, **garbage** separation of sewage, are included in the sterilization for hygiene bins that **can** be processed. This, the upper part being open, besides passing the internal space formed; Apart from opening and closing the upper side of the hinge makes it possible to combine, and the lower part of the magnetron and the UV lamp is equipped with a cover and; Besides being accommodated in the internal space of, a network of the manure to pass within the section; Besides, if the lower part of the detachable part is assembled to the frame; The lower part of the frame, it is possible to withdraw to outside the installed **drawer** sewage **collection** and; My tub and outer shell and bin is equipped with adjoining portion between my thong to the natural downfall from various sewage sewage that exhausts into the side of the bin **collection** structure. **Garbage**, UV, ozone, sewage **collection**, magnetron

Classifications:

International (IPC 8-9): B65F1/14 B65F1/16

International (IPC 1-7): B65F1/14 B65F1/16

CPC: B65D51/24 B65F1/08 B65F1/14 B65F1/16 B65F1/1646
B65F2001/1653 B65F2210/1026 B65F2210/129 B65F2210/132
B65F2210/137 B65F7/00



Family:

Publication number	Publication date	Application number	Application date
KR200391106 Y1	20050801	KR20050008789U	20050331

Priority:

KR20050008789U 20050331

Probable Assignee: ADVANCED BIO TECHNOLOGY CO LTD

Assignee(s): ADVANCED BIO TECHNOLOGY CO LTD

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
KR200391106 Y1	20050720		+REGI	REGISTRATION OF ESTABLISHMENT	
KR200391106 Y1	20050801	LSGT	+	granted / extensions (spc, cpc, pte)	
KR200391106 Y1	20060417	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20060418 Year of fee payment: 3
KR200391106 Y1	20080721	LSLE	-LAPS	LAPSE DUE TO UNPAID ANNUAL FEE	
KR200391106 Y1	20150331	PEXP		Calculated Patent Term Expiry	

Title: REFUSE **COLLECTION** CONTAINER

Abstract: The invention relates to a **collection** container (2) for refuse, having at least two individual containers (4) releasably fixed on a common mounting (6). Preferably, six individual containers (4) are fixed on the mounting (6) in at least two mutually adjacent rows of, in each case, three individual containers (4) arranged one above the other. The **collection** container (2) according to the invention facilitates the sorting of refuse, so that certain materials such as glass, waste paper and metals **can** be taken for recycling. As a result, the burden on landfills and incinerators is reduced.

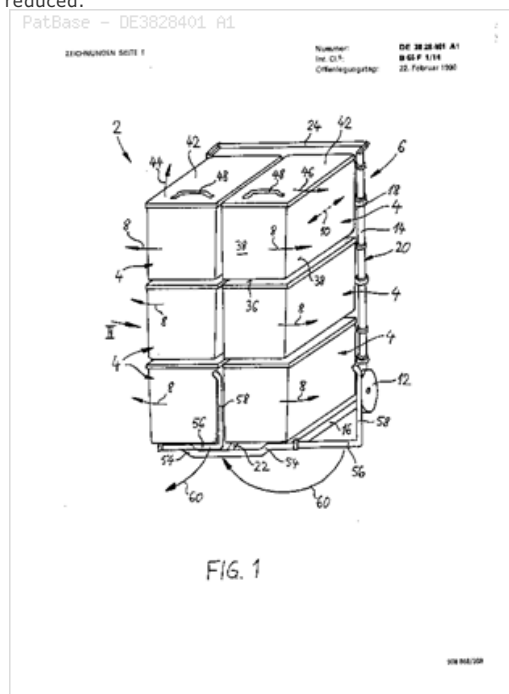
Classifications:

International (IPC 8-9): B62B1/00 B62B1/26 B65F1/00 B65F1/14

International (IPC 1-7): B65F1/14

CPC: B62B1/26 B62B2202/12 B62B2202/20 B62B2203/071

B62B2203/073 B65F1/0066 B65F1/141 B65F1/1468 Y02W30/60



Family:

Publication number	Publication date	Application number	Application date
DE8816784 U1	19900927	DE19880016784U	19880820
DE3828401 A1	19900222	DE19883828401	19880820

Priority:

DE19883828401 19880820

Probable Assignee: WIEBEL ADOLF

Assignee(s): (std): WIEBEL ADOLF

Assignee(s): WIEBEL ADOLF 5600 WUPPERTAL DE

Inventor(s): VERZICHT DES ERFINDERS AUF NENNUNG

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE3828401 A1	19900222	LSPB	+	published / reissued	
DE3828401 A1	19950810	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE8816784 U1	19900927	LSGT	+	granted / extensions (spc, cpc, pte)	
DE8816784 U1	19980820	PEXP		Calculated Patent Term Expiry	

Title: LIQUID EXTRACTING REFUSE PRESS - VERT. PISTON COMPRESSES REFUSE INSIDE PERFORATED CHAMBER FOR SIDEWAYS EJECTION

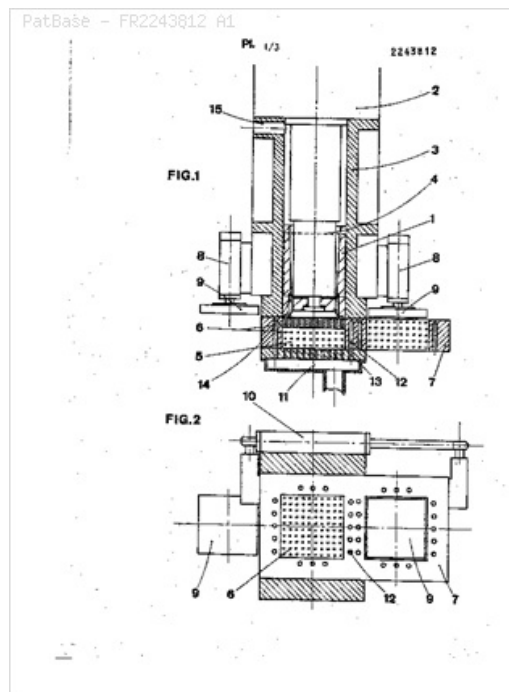
Abstract: A liquid suitable for high quality compost is removed, leaving a non-fermenting residue. A cylinder (3) has side entries through which the material is forced for compression by downwards movement of a piston (1) which blocks off the entries as it travels. A perforated plate (6) compresses the material inside a perforated chamber (5) and the liquid passes through channels into a collector chamber (11) below. The compressed material is moved sideways by a sliding movement of the whole block (7) housing the chamber, and the compressed mass is ejected by a pusher device (8, 9) alongside the cylinder. Simultaneously, the next compression stroke takes place. The compressed material **can** be ejected by another pusher at the opposite side of the cylinder.

Classifications:

International (IPC 8-9): B30B9/02 B30B9/04 B30B9/06

International (IPC 1-7): B30B9/06 B65F5/00

CPC: B30B9/042



Family:

Publication number	Publication date	Application number	Application date
FR2243812 A1	19750411	FR19730033532	19730919
FR2243812 B1	19780512	FR19730033532	19730919

Priority:

FR19730033532 19730919

Probable Assignee: HYDROMER SOC CIV

Assignee(s): (std): HYDROMER SOC CIV

Assignee(s): HYDROMER STE CIVILE ; HYDROMER STE CIVILE FR

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR2243812 A1	19750411	LSPB	+	published / reissued	
FR2243812 B1	19780512	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2243812 B1	19781117	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2243812 B1	19930919	PEXP		Calculated Patent Term Expiry	

Title: DEVICE IN DISHWASHING MACHINE FOR RECOVERING SILVERWARE AND THE LIKE

Abstract: (Claim 1) 1. In a dish and cutlery washing machine having a spray washing compartment with an open front end provided with an extending platform integral therewith and having a bracket therein, .5(i) SUDPorting means in the compartment for retaining dishes and cutlery thereon, conduit means disposed above and below the bracket in the compartment, the improvement comprising a sloping flooring in said compartment below the support- _r, r, ing means having a drain slot, another compartment in connection with the washing compartment provided with a drain, a removable open, perforated basket mounted in the second compartment adapted to **collect** food refuse and es- (30) caping cutlery and the like from the dishes and cutlery being washed, means in connection with the first and second compartments for recirculating washing fluid from one compartment through the conduit means of the other and wash the contents in said first compartment and by recirculation subdivide the **garbage** particles to permit drainage of same, tray means on the basket aligned with said drain slot in the sloping flooring for catching cutlery and other small objects 7(and receiving the stream of drainage water from the slot and to discharge a major portion of said stream over the upper edges of the tray in order that the stream and **garbage** therein overflow into the subiacent basket, a closure member hingedly eqnnected to one face of the lower CQM- partment, and actuable brushing means extending through the second compartment adapted for removing and comminuting waste food matter **collected** by the removable tray means.

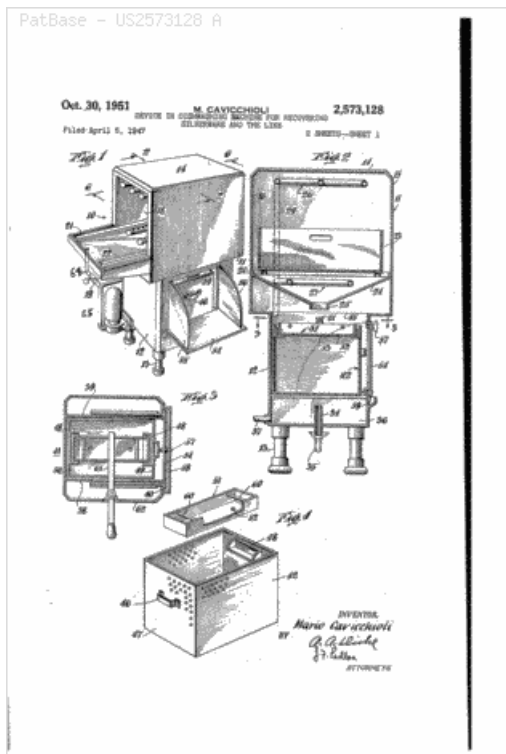
Classifications:

International (IPC 8-9): A47L15/42

International (IPC 1-7): A47L15/16

CPC: A47L15/00

US: 134/104.1 134/110



Family:

Publication number	Publication date	Application number	Application date
US2573128 A	19511030	US19470739705	19470405

Priority:

US19470739705 19470405

Probable Assignee:

MARIO CAVICCHIOLI

Assignee(s): (std):

MARIO CAVICCHIOLI

Inventor(s): (std):

MARIO CAVICCHIOLI

Inventor(s):

CAVICCHIOLI MARIO

Legal status (INPADOC)

[View legal status timeline](#)

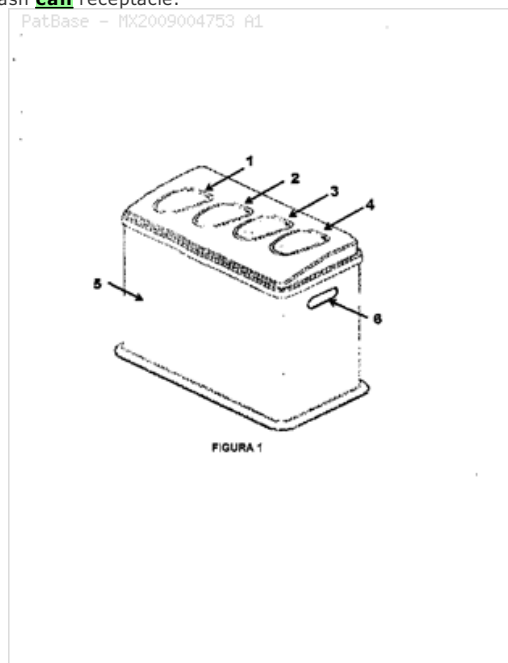
Patent	Date recorded	Event group	Code	Event	Details
US2573128 A	19511030	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: MULTIPLE TRASH **CAN** WITH DEPOSIT OF DISPOSABLE BAGS.

Abstract: The present invention describes a trash **can** with multiple compartments intended to select the different types of trash, also being useful as a bag supplying device located at the base of each trash **can** receptacle.

Classifications:

International (IPC 8-9): B65F1/12



Family:

Publication number	Publication date	Application number	Application date
MX2009004753 A1	20101116	MX20090004753	20090506

Priority:

MX20090004753 20090506

Probable Assignee: GALEAZZI SILVIO HUMBERTO JOSE JACOBO CONCHA

Assignee(s): (std): GALEAZZI SILVIO HUMBERTO JOSE JACOBO CONCHA

Assignee(s): SILVIO HUMBERTO JOSE JACOBO CONCHA GALEAZZI

Inventor(s): (std): GALEAZZI SILVIO HUMBERTO JOSE JACOBO CONCHA

Inventor(s): SILVIO HUMBERTO JOSE JACOBO CONCHA GALEAZZI

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
MX2009004753 A1	20101116	LSPB	+	published / reissued	
MX2009004753 A1	20170228	LSWD	-FA	ABANDONMENT OR WITHDRAWAL	

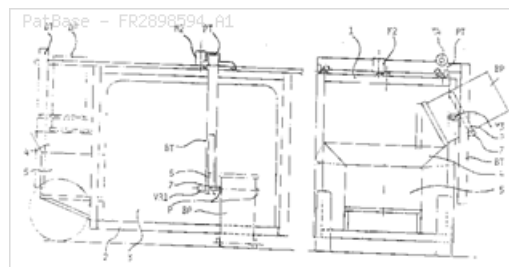
Title: URBAN AND RURAL HOUSEHOLD WASTE **COLLECTING** CONTAINER FOR USE WITH E.G. TRANSPORT LORRY, HAS LOADING/UNLOADING UNIT, WHERE CONTAINER IS CONNECTED TO PICK UP TRAILER THAT HAS BRIDGE CRANE FOR CARRYING VERTICAL TELESCOPIC ARM

Abstract: The container has a loading/unloading unit, where the container is connected to a pick up trailer and a transport vehicle e.g. transport lorry. The pickup trailer is equipped with a hopper (4) that cooperates with a compactor (5) and a bridge crane (PT) that carries a vertical telescopic arm (BT), for three transported containers (3). The telescopic arm is displaced on entire length of a part corresponding to the pick-up trailer, and includes a pivoting clamp that is self-centered on a bin (BP) with household wastes.

Classifications:

International (IPC 8-9): B65F3/00

CPC: B65F2003/023 B65F2003/0266 B65F2003/0269 B65F2003/0276 B65F3/00 B65F3/08 B65F3/20 B65F3/26



Family:

Publication number	Publication date	Application number	Application date
FR2898594 A1	20070921	FR20060002292	20060316
FR2898594 B1	20090213	FR20060002292	20060316

Priority:

FR20060002292 20060316

Probable Assignee:

ANDRE DEJOUX

Assignee(s): (std):

DEJOUX ANDRE ; LABBE BENOIT

Assignee(s):

ANDRE DEJOUX ; BENOIT LABBE

Inventor(s): (std):

DEJOUX ANDRE ; LABBE BENOIT

Inventor(s):

ANDRE DEJOUX ; BENOIT LABBE

Agent(s):

ANDRE DEJOUX

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR2898594 A1	20070921	LSPB	+	published / reissued	
FR2898594 A1	20070921		SC	SEARCH COMPLETED	BOPI Date: 2007-38
FR2898594 B1	20090213	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2898594 B1	20100224	LSFE	+PLFP	Fee Payment	Payment date: 20100224 Year of fee payment: 5
FR2898594 B1	20110331	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2898594 B1	20111223	LSLE	-ST	NOTIFICATION OF LAPSE	Effective date: 20111130
FR2898594 B1	20260316	PEXP		Calculated Patent Term Expiry	

Title: WASTE DISPOSAL DEVICE

Abstract: A device (10) for disposing of preferably infectious or toxic waste has a processing chamber with a processing section provided with spaces (12) for waste-receiving containers, at least one heat source and at least one connecting member (18), preferably a hollow piercing or injection needle which may be connected with at least one supply or evacuation line. The processing section preferably has a **collecting** main (20, 22) for each supply or evacuation line.

Classifications:

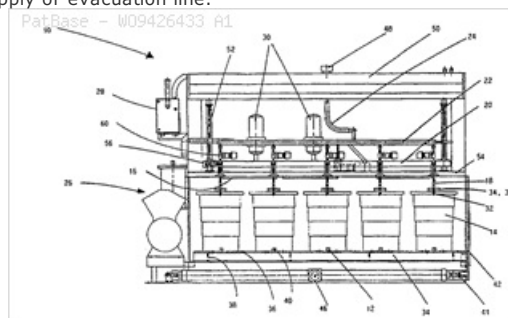
International (IPC 8-9): A61G12/00 A61L11/00 A61L2/26 A61L2/28 B09B3/00 B65F3/00 B65F7/00

International (IPC 1-7): A61G12/00 A61L11/00 B09B3/00 B65F3/00 B65F7/00

CPC: A61L11/00 A61L2/02 A61L2/04 A61L2/06 A61L2/12 A61L2/28 B09B3/0075

JP F-Term: 3E024 4C058 4C341 4D004 3E024/BA06 3E024/DA01 3E024/DA10 4C058/AA27 4C058/BB05 4C058/BB06 4C058/DD01 4C058/DD16 4C058/EE03 4C058/EE12 4C058/EE23 4C058/KK04 4C341/LL12 4C341/LL13 4C341/LL16 4C341/LL22 4D004/AA48 4D004/AA50 4D004/AB10 4D004/BA04 4D004/CA03 4D004/CA22 4D004/CA32 4D004/CA43 4D004/CA46 4D004/CA48 4D004/CA50 4D004/CB01 4D004/CB15 4D004/CB31 4D004/CB32 4D004/CB33 4D004/CB41 4D004/CB42 4D004/CB43 4D004/CB50 4D004/CC01 4D004/CC02 4D004/CC03 4D004/CC11 4D004/DA01 4D004/DA02 4D004/DA04 4D004/DA06 4D004/DA07 4D004/DA08 4D004/DA09 4D004/DA16 4D004/DA20

JP F-Index: A61G12/00@W A61L11/00 B09B3/00,303@Z B65F3/00@K



Family:

Publication number	Publication date	Application number	Application date
AT198999 E	20010215	AT19940917620T	19940511
AU199469274 A1	19941212	AU19940069274	19940511
BRPI9406398 A	19960213	BR1994PI06398	19940511
CA2162693 AA	19951110	CA19942162693	19940511
CN1126449 A	19960710	CN19941092604	19940511
CZ294995 A3	19960214	CZ19950002949	19940511
CZ9502949 A3	19960214	CZ19950002949	19940511
DE9411696 U1	19950119	DE19940011696U	19940511
DE4493042 D2	19961031	DE19944493042T	19940511
DE59409651 D1	20010308	DE19945009651T	19940511
EP0697923 A1	19960228	EP19940917620	19940511
EP0697923 B1	20010131	EP19940917620	19940511
JP9500318 T2	19970114	JP19940524961T	19940511
KR19960702357 A	19960427	KR19950705024	19951111
KR960702357 A	19960427	KR19950705024	19951111
KR19967002357 A	19960427	KR19957005024	19940511
PL311629 A1	19960304	PL19940311629	19940511
RU2108173 C1	19980410	RU19950121762	19940511
WO9426433 A1	19941124	WO1994EP01523	19940511

Priority:

DE19934315735 19930511 WO1994EP01523 19940511 DE19944493042T 19940511
DE19945009651T 19940511 DE19940011696U 19940511

Probable Assignee: MAIHOFFER ELISABETH

Assignee(s): (std): MAIHOFFER ELISABETH ; MAIHOFFER WILHELM EUGEN ; NORDPUNKT AG

Assignee(s): NORDPUNKT AG NOVAGGIO CH ; NORDPUNKT NOVAGGIO CH AG

Inventor(s): (std): MAIHOFFER EUGEN ; MAIHOFFER WILHELM EUGEN ; VIL KHEL M OJGEN MAJKHOFFER

Inventor(s): MAIHOFFER WILHELM EUGEN NOVAGGIO CH ; WILHELM EUGEN MAIHOFFER

Agent(s): ASPEN PHARMA PTY LTD ; MACRAE AND CO ; SPRUSON AND FERGUSON

Designated states: AT AU BE BG BR BY CA CH CN CZ DE DK ES FI FR GB GR HU IE IT JP KR LI LU LV MC NL NO NZ PL PT RO RU SE SI SK UA US

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AT198999 E	20010215	LSGT	+	granted / extensions (spc, cpc, pte)	
AT198999 E	20020815	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT198999 E	20140511	PEXP		Calculated Patent Term Expiry	

AU199469274 A1	19941212	LSPB	+	published / reissued	
BRPI9406398 A	19960213	LSPB	+	published / reissued	
BRPI9406398 A	20020205	LSFE	-FD5	APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW	
CA2162693 AA	19951110	LSPB	+	published / reissued	
CA2162693 AA	19990511	LSLE	-FZDE	DEAD	
CN1126449 A	19960710	LSPB	+	published / reissued	
CN1126449 A	19960710	LSPB	+C06	PUBLICATION	
CN1126449 A	19960828		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN1126449 A	20000906	LSDW	-C01	DEEMED WITHDRAWAL OF PATENT APPLICATION (PATENT LAW 1993)	
CZ294995 A3	19960214	LSPB	+	published / reissued	
CZ9502949 A3	19960214	LSPB	+	published / reissued	
DE4493042 D2	19970507	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE4493042 D2	19970507	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE59409651 D1	20020718	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE59409651 D1	20020718	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE9411696 U1	19950119	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9411696 U1	20040511	PEXP		Calculated Patent Term Expiry	
EP0697923 A1	19960228	LSPB	+	published / reissued	
EP0697923 A1	19960228	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 19950316
EP0697923 A1	19960228		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP0697923 A1	19980603	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 19980417
EP0697923 A1	19990324	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: MAIHOFER, ELISABETH PartyType: owner
EP0697923 B1	20010131	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0697923 B1	20010131		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION	Lapsed date: 20010131 NotificationOfLapse: THE PATENT HAS BEEN ANNULLED BY A DECISION OF A NATIONAL AUTHORITY Country of Ref document: ES

				FROM NATIONAL OFFICE TO EPO]	
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010131 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: GR
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: THE PATENT HAS BEEN ANNULLED BY A DECISION OF A NATIONAL AUTHORITY Lapsed date: 20010131 Country of Ref document: SE
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20010131 Country of Ref document: IT
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010131 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP0697923 B1	20010131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010131 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRE;WARNING: LAPSES OF ITALIAN PATENTS WITH EFFECTIVE DATE BEFORE 2007 MAY HAVE OCCURRED AT ANY TIME BEFORE 2007. THE CORRECT EFFECTIVE DATE MAY BE DIFFERENT FROM THE ONE RECORDED. TIME-LIMIT Country of Ref document: IT
EP0697923 B1	20010131		REF	CORRESPONDS TO:	Kind code of Ref document: T Date of Ref document: 20010215 Ref document number: 198999 Country of Ref document: AT
EP0697923 B1	20010131	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP0697923 B1	20010307	LSGT	REG	REFERENCE TO A NATIONAL CODE	Ref country code: IE Ref legal event code: FG4D Text: GERMAN
EP0697923 B1	20010308		REF	CORRESPONDS TO:	Ref document number: 59409651 Date of Ref document: 20010308 Country of Ref document: DE
EP0697923 B1	20010430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010430 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: DK
EP0697923 B1	20010430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20010430 Country of Ref document: PT
EP0697923 B1	20010511	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	Lapsed date: 20010511 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: AT

EP0697923 B1	20010511	LSLE	-PG25	EPO] LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20010511 Country of Ref document: GB
EP0697923 B1	20010511	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20010511 Country of Ref document: IE
EP0697923 B1	20010511	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20010511 Country of Ref document: LU
EP0697923 B1	20010523		+GBT	GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6) (A)/1977)	Effective date: 20010501
EP0697923 B1	20010531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20010531 Country of Ref document: BE
EP0697923 B1	20010531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20010531 Country of Ref document: MC
EP0697923 B1	20010608		+ET	FR: TRANSLATION FILED	
EP0697923 B1	20010610	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010610 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP0697923 B1	20010610	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20010610 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LI
EP0697923 B1	20010702	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	Ref country code: EP
EP0697923 B1	20011130	LSLE	-BERE	BE: LAPSED	Owner: MAIHOFER ELISABETH PartyType: owner Ref country code: EP Effective date: 20010531
EP0697923 B1	20020102	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20010511 Ref country code: EP

EP0697923 B1	20020115	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP0697923 B1	20020123	LSGT	+26N	NO OPPOSITION FILED	
EP0697923 B1	20020131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20020131 Country of Ref document: FR
EP0697923 B1	20020301	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20020301 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP0697923 B1	20020306	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: MM4A Ref country code: IE
EP0697923 B1	20140511	PEXP		Calculated Patent Term Expiry	
JP9500318 T2	19970114	LSPB	+	published / reissued	
KR19960702357 A	19960427	LSPB	+	published / reissued	
KR19967002357 A	19960427	LSPB	+	published / reissued	
KR960702357 A	19960427	LSPB	+	published / reissued	
PL311629 A1	19960304	LSPB	+	published / reissued	
RU2108173 C1	19980410	LSGT	+	granted / extensions (spc, cpc, pte)	
RU2108173 C1	20140511	PEXP		Calculated Patent Term Expiry	
WO9426433 A1	19940511	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 94192604.4 Country of Ref document: CN
WO9426433 A1	19941124	LSPB	+	published / reissued	
WO9426433 A1	19941124		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AT AU BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KR LU LV NL NO NZ PL PT RO RU SE SI SK UA US
WO9426433 A1	19941124		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
WO9426433 A1	19950202		DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)	
WO9426433 A1	19950210	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 1994917620 Country of Ref document: EP
WO9426433 A1	19950301		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	

WO9426433 A1	19951109	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: PV1995-2949 Country of Ref document: cz
WO9426433 A1	19951110	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2162693 Country of Ref document: ca
WO9426433 A1	19960111	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 1996 532806 Kind code of Ref document: A Date of Ref document: 19960111 Country of Ref document: us
WO9426433 A1	19960214	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: PV1995-2949 Country of Ref document: cz
WO9426433 A1	19960228	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: 1994917620 Country of Ref document: ep
WO9426433 A1	19961031		+REF	CORRESPONDS TO	Ref document number: 4493042 Date of Ref document: 19961031 Country of Ref document: de
WO9426433 A1	19961031	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 4493042 Country of Ref document: de
WO9426433 A1	20000527	LSRV	-WWR	WIPO INFORMATION: REFUSED IN NATIONAL OFFICE	Ref document number: PV1995-2949 Country of Ref document: cz
WO9426433 A1	20010131	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	Ref document number: 1994917620 Country of Ref document: ep

Title: SORTER **GARBAGE** FOR SELECTION OF HOUSEHOLD WASTE AT SOURCE. (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

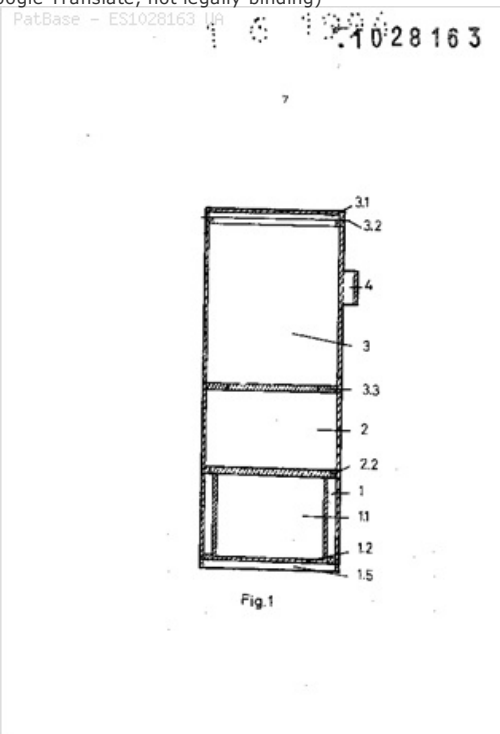
Abstract: Sort of **garbage** for selection in origin waste **collection**, characterized by being divided into 3 modules or bins separable and embedded in light pressure manual, and an additional third module or superior chamber container, and why your placement **can** be different spatial criteria due to your separability. Initially in three floors, but optionally could take other positions depending on space availability domestic: one after another or separate independently. Thus, the classification of different waste is depending on its composition. (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/00

International (IPC 1-7): B65F1/00

CPC: Y02W30/10



Family:

Publication number	Publication date	Application number	Application date
ES1028163 UA	19941201	ES19940001512U	19940601
ES1028163 Y1	19950501	ES19940001512U	19940601
ES1028163 YA	19950501	ES19940001512U	19940601

Priority:

ES19940001512U 19940601

Probable Assignee:

BERMEJO GARCIA CARMEN

Assignee(s): (std):

BERMEJO GARCIA CARMEN

Inventor(s): (std):

BERMEJO GARCIA CARMEN

Legal status (INPADOC)

[View legal status timeline](#)

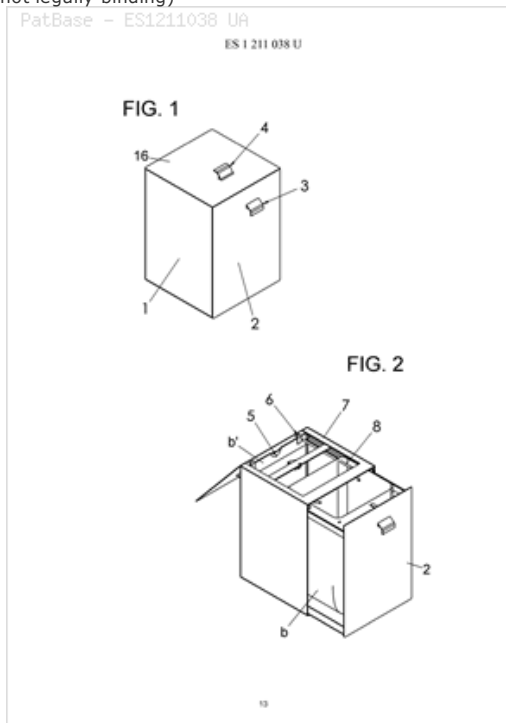
Patent	Date recorded	Event group	Code	Event	Details
ES1028163 UA	19941201	LSPB	+	published / reissued	
ES1028163 Y1	19950501	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1028163 Y1	20030616	LSLE	-FD1K	UTILITY MODEL LAPSED	Effective date: 20030401
ES1028163 Y1	20040601	PEXP		Calculated Patent Term Expiry	
ES1028163 YA	19950501	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1028163 YA	20040601	PEXP		Calculated Patent Term Expiry	

Title: **GARBAGE** CUBE WITH AUTOMATIC BAG REPLACEMENT (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: A **garbage can** with automatic bag replenishment characterized by comprising an external body (1) of parallelepiped configuration, to which an upper lid (16), which covers its upper open mouth, and a front lid (2) joined together are coupled to a structure with base defining a removable **drawer** (15), through the open front part of the external body (1), where the bag in use (b) is incorporated, in the open position, the external body being (1) and the structure of the **drawer** (15) with the front cover (2) linked together by a translation mechanism (11) that moves a clamp (9) that, in the fully open **drawer** (15) position, is clamped to the handle of a new spare bag (b'), of the set of empty spare bags incorporated to the effect inside the external body (1), and, with the displacement of the **drawer** (15) until it is closed again, it drags the handle and deploy said spare bag (b') leaving it each under the top cover (16). (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/04 B65F1/14



Family:

Publication number	Publication date	Application number	Application date
ES1211038 UA	20180425	ES20180030416U	20180327
ES1211038 Y	20180717	ES20180030416U	20180327

Priority:

ES20180030416U 20180327

Probable Assignee:

MENENDEZ LLANO DIEGO

Assignee(s): (std):

MENENDEZ LLANO DIEGO

Assignee(s):

DIEGO MENENDEZ LLANO

Inventor(s): (std):

MENENDEZ LLANO DIEGO

Inventor(s):

DIEGO MENENDEZ LLANO

Agent(s):

ESPIELL EDUARDO MARIA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1211038 UA	20180425	LSPB	+	published / reissued	
ES1211038 UA	20180717	LSGT	+FG1K	UTILITY MODEL GRANTED	Effective date: 20180711
ES1211038 UA	20180717	LSGT	+FG1K	UTILITY MODEL GRANTED	Effective date: 20180711 Kind code of Ref document: Y Ref document number: 1211038 Country of Ref document: ES
ES1211038 Y	20180717	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1211038 Y	20280327	PEXP		Calculated Patent Term Expiry	

Title: CUTTING BOARD DEVICE

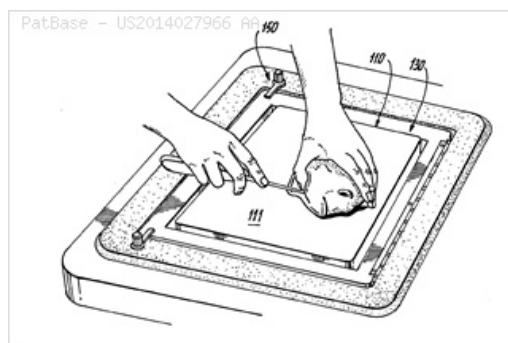
Abstract: The present invention is an improved cutting board device. The device allows a user to prepare food on one side of the cutting board while the other is being cleaned. The device provides a user a quick and easy transition to a new, clean, cutting board work surface without the need to carry waste to a disposal bin, without having to stop to wash and dry the soiled surface of the cutting board.

Classifications:

International (IPC 8-9): A47J47/00 A47J47/16 A47L15/00 A47L15/42
B08B3/02 B23Q3/00

CPC: A47J47/005 A47J47/16 A47L15/0089 A47L15/0097 A47L15/4251
B08B3/02

US: 134/115R 134/135 134/198 134/200 269/15 269/20 269/302.1 269/9

**Family:**

Publication number	Publication date	Application number	Application date
US2014027966 AA	20140130	US20120559971	20120727
US8800984 BB	20140812	US20120559971	20120727
US2014339750 AA	20141120	US20140446614	20140730
US8985567 BB	20150324	US20140446614	20140730

Priority:

US20120559971 20120727 US20140446614 20140730

Probable Assignee: CONSTANTINO JR JOHN

Assignee(s): (std): CONSTANTINO JR JOHN ; CONSTANTINO SR JOHN

Inventor(s): (std): CONSTANTINO JR JOHN ; CONSTANTINO SR JOHN

Agent(s): BRAD M BEHAR AND ASSOCIATES PLLC

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US2014027966 AA	20140130	LSPB	+	published / reissued	
US2014027966 AA	20140723	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2014339750 AA	20141120	LSPB	+	published / reissued	
US2014339750 AA	20150304	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US8800984 BB	20140723	LSGT	PAT1	Patented Case	
US8800984 BB	20140812	LSGT	+	granted / extensions (spc, cpc, pte)	
US8800984 BB	20180205	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US8800984 BB	20321213	PEXP		Calculated Patent Term Expiry (PTA 139 days)	
US8985567 BB	20150304	LSGT	PAT1	Patented Case	
US8985567 BB	20150324	LSGT	+	granted / extensions (spc, cpc, pte)	
US8985567 BB	20180925	LSFE	FEPP	FEE PAYMENT PROCEDURE	Text: SURCHARGE FOR LATE PAYMENT, MICRO ENTITY (ORIGINAL EVENT CODE:

					M3554); ENTITY STATUS OF PATENT OWNER: MICROENTITY
US8985567 BB	20180925	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 4
US8985567 BB	20320727	PEXP		Calculated Patent Term Expiry	

Title: TRAEGER FUER ABFALLSAMMLER

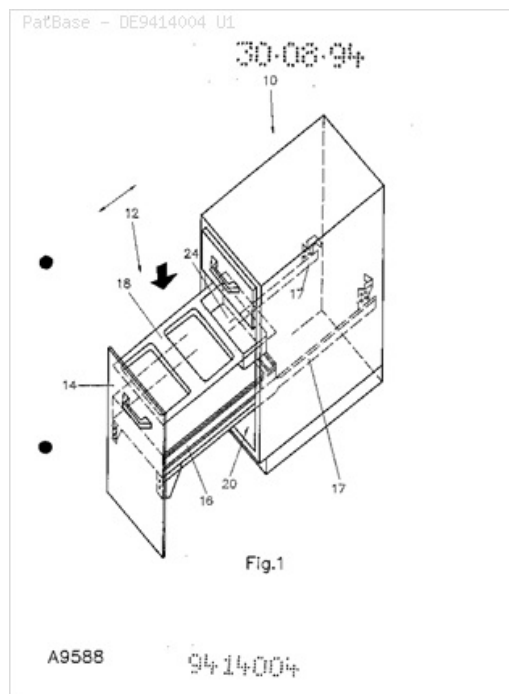
Abstract: Source: DE9414004 U1 **Machine translation:** (Claim 1) 1. Carrier (29) for at least one in a cabinet (10) an orderable waste **collecting** tank (38) as well as marked by at least one waste doing donor (24), by the fact that the waste doing donor (24) is arranged in the cover page range of the carrier (29).

Classifications:

International (IPC 8-9): A47B77/04 A47B77/18 B65F1/14

International (IPC 1-7): A47B077/18 A47B77/18 B65F1/14

CPC: A47B77/18 B65F1/1436



Family:

Publication number	Publication date	Application number	Application date
CZ3357 U1	19950712	CZ19940002999U	19941010
DE9414004 U1	19950330	DE19940014004U	19940830
IT234147 Y1	20000223	IT1994MI00669U	19941007
ITMI940669 U0	19941007	IT1994MI00669U	19941007
ITMI940669 U1	19950411	IT1994MI00669U	19941007

Priority:

DE19930015298U 19931011 DE19940014004U 19940830

Probable Assignee: LOH HAILO WERK KG

Assignee(s): (std): LOH HAILO WERK KG ; LOH KG HAILO WERK

Assignee(s): HAILO WERK RUDOLF LOH GMBH AND CO 35708 HAIGER DE KG ; HAILO WERK RUDOLF LOH GMBH AND CO KG ; HAILO WERK RUDOLF LOH GMBH AND CO KG 35708 HAIGER ; HAILO WERK RUDOLF LOH GMBH AND CO KG 35708 HAIGER DE

Inventor(s): (std): PFEIFER RUDOLF

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CZ3357 U1	19950712	LSGT	+	granted / extensions (spc, cpc, pte)	
CZ3357 U1	20041010	PEXP		Calculated Patent Term Expiry	
DE9414004 U1	19950330	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9414004 U1	20040830	PEXP		Calculated Patent Term Expiry	
IT234147 Y1	20000223	LSPB	+	published / reissued	
IT234147 Y1	20000223	LSGT	0001	GRANTED	
ITMI940669 U1	19950411	LSPB	+	published / reissued	

Title: **GARBAGE** CONTAINER FOR A SWEEPER

Abstract: A sweeper includes a sweeper body mounted on at least one pair of wheels. At least one brush is coupled to a forward end of the sweeper body for sweeping **garbage** from a ground surface and a suction device is coupled to the sweeper body. The suction device communicates with the forward end of the sweeper body. A **garbage** container assembly is mounted inside the sweeper body, for receiving **garbage** drawn into the sweeper by the suction device. A basket is movable into and out of the **garbage** container assembly and a lift mechanism is coupled to an underside of the basket. The lift mechanism is movable between a retracted position and an extended position. In the extended position, the basket is tiltable to dump **garbage** contained in the basket.

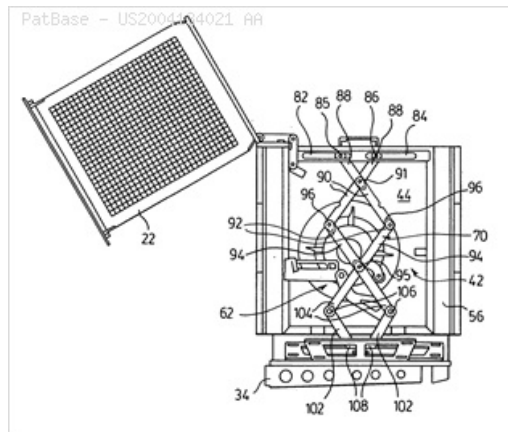
Classifications:

International (IPC 8-9): A47L11/24 E01H1/04 E01H1/08

International (IPC 1-7): A47L11/24 E01H1/04 E01H1/08

CPC: E01H1/047 E01H1/0827

US: 15/340.2 15/340.200P 15/340.3 15/340.300S



Family:

Publication number	Publication date	Application number	Application date
CA2450514 AA	20040602	CA20032450514	20031125
EP1426493 A2	20040609	EP20030257552	20031201
EP1426493 A3	20050126	EP20030257552	20031201
US2004134021 AA	20040715	US20030723837	20031126

Priority:

US20020430071P 20021202 CA20032450514 20031125 US20030723837 20031126

Probable Assignee: MADVAC INC

Assignee(s): (std): MADVAC INC

Assignee(s): CHARKY GABRIEL ; DUBOIS JEAN PAUL ; PILOTTE JEAN NOEL

Inventor(s): (std): CHARKY GABRIEL ; DUBOIS JEAN PAUL ; PILOTTE JEAN NOEL

Inventor(s): GABRIEL CHARKY ; JEAN NOEL PILOTTE ; JEAN PAUL DUBOIS

Agent(s): PERRY AND CURRIER

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CA2450514 AA	20031125	LSSES	+EEER	EXAMINATION REQUEST	
CA2450514 AA	20040602	LSPB	+	published / reissued	
CA2450514 AA	20081125	LSLE	-FZDE	DEAD	
EP1426493 A2	20040609	LSPB	+	published / reissued	
EP1426493 A2	20040609		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A2 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1426493 A2	20040609		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1426493 A3	20050126		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A3 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
EP1426493 A3	20050126		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL LT LV MK
EP1426493 A3	20051012	LSFE	+AKX	DESIGNATION FEES	

PAID					
EP1426493 A3	20051117		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: 8566 Ref country code: DE
EP1426493 A3	20060607	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20050727
US2004134021 AA	20040308	LSAS	AS	ASSIGNMENT	Effective date: 20031218 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CHARKY, GABRIEL;DUBOIS, JEAN-PAUL;PILOTTE, JEAN-NOEL;REEL/FRAME:015060/0439 Owner: MADVAC INC., CANADA PartyType: owner
US2004134021 AA	20040715	LSPB	+	published / reissued	
US2004134021 AA	20070426	LSWD	ABD2	Abandoned -- Failure to Pay Issue Fee	
US2004134021 AA	20070426		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO PAY ISSUE FEE

Title: COMPOST MATERIAL COLLECTOR

Abstract: A method for **collecting** organic waste including: a) hooking a mounting structure over an edge of an upright planar **drawer** face of a **drawer** underlying a work surface, said mounting structure coupled to a container including one or more walls made with a pliable elastomeric material, said container including a top opening and a closed bottom with a side wall enclosing a storage volume; b) supporting said top opening using said hooked mounting structure near a portion of said work surface having a quantity of organic matter; c) scooping said quantity of organic matter into said storage volume; d) unhooking said mounting structure from said **drawer** face; and thereafter e) freezing said quantity of organic matter while it is in said storage volume.

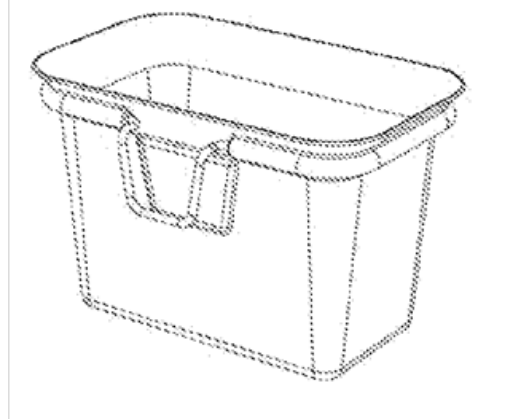
Classifications:

International (IPC 8-9): B65B1/04 B65D25/22

CPC: B65F1/02 B65F2001/1489 B65F2210/18 B65F2250/00 B65F2250/10

US: 220/476 53/473

PatBase - US2012223078 HH



Family:

Publication number	Publication date	Application number	Application date
US2012223078 AA	20120906	US20110041385	20110305

Priority:

US20110041385 20110305

Probable Assignee: GENIMEX JERSEY LTD

Assignee(s): (std): CHITAYAT DAVID DENNY ; GENIMEX JERSEY LTD ; SCHOUTEN PIETER ; TOMASETTI HEATHER

Inventor(s): (std): CHITAYAT DAVID DENNY ; SCHOUTEN PIETER ; TOMASETTI HEATHER

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US2012223078 AA	20110518	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CHITAYAT, DAVID DENNY;TOMASETTI, HEATHER;SCHOUTEN, PETER;SIGNING DATES FROM 20110407 TO 20110503;REEL/FRAME:026303/0338 Owner: GENIMEX JERSEY LTD., CHINA PartyType: owner
US2012223078 AA	20120906	LSPB	+	published / reissued	
US2012223078 AA	20150309	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2012223078 AA	20150309		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

Title: Rubbish bin

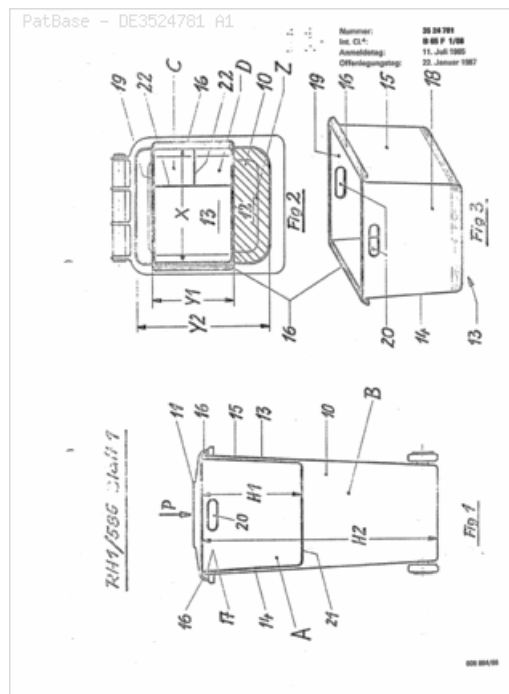
Abstract: A rubbish bin is described which, by means of an insert, **can** be divided up into a plurality of chambers for different types of rubbish. A rubbish bin of this type is intended to facilitate separation of different types of rubbish, which are suitable for recycling.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/16

International (IPC 1-7): B65F1/08

CPC: B65F1/004 B65F1/006 B65F1/16 B65F2210/183



Family:

Publication number	Publication date	Application number	Application date
DE3524781 A1	19870122	DE19853524781	19850711

Priority:

DE19853524781 19850711

Probable Assignee:

HESCH ROSINA

Assignee(s): (std):

HESCH ROSINA

Inventor(s): (std):

HESCH ROSINA

Legal status (INPADOC)

[View legal status timeline](#)

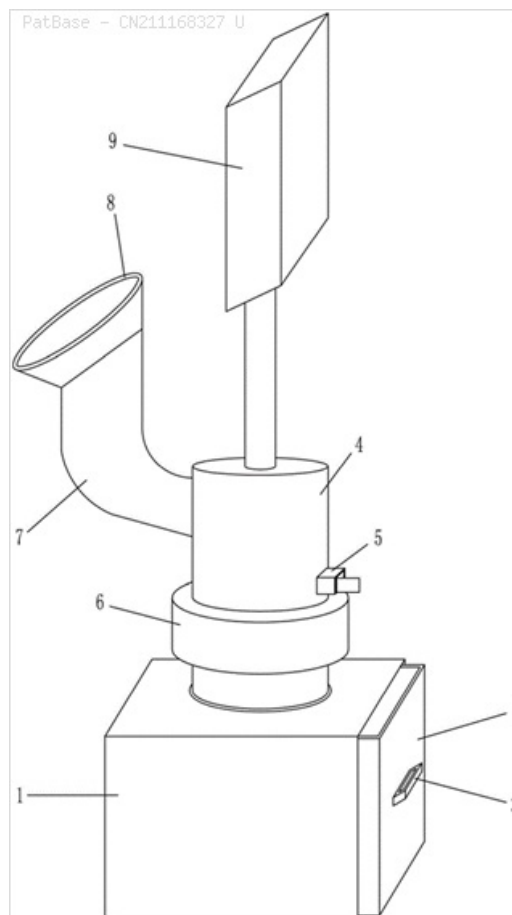
Patent	Date recorded	Event group	Code	Event	Details
DE3524781 A1	19870122	LSPB	+	published / reissued	
DE3524781 A1	19880616	LSSES	+8101	REQUEST FOR EXAMINATION AS TO NOVELTY	
DE3524781 A1	19880623	LSSES	+8105	SEARCH REPORT AVAILABLE	
DE3524781 A1	19890706	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	

Title: **GARBAGE CAN** CAPABLE OF CRUSHING **GARBAGE**

Abstract: The utility model relates to the field of **garbage** disposal, in particular to a **garbage can** capable of conducting crushing disposal for **garbage** disposal. The technical problem to be solved by the utility model is to provide the **garbage can** capable of being crushed for **garbage** disposal, which **can** safely **collect garbage** and **can** safely crush solid **garbage** with larger volume. A **garbage can** with a crushing treatment function for **garbage** treatment comprises a **collecting** box, a **collecting drawer**, a pull frame, a treatment barrel, a stockpiling device, a crushing device, a curved pipe and a **garbage** hopper. The **collecting drawer** is inserted into the **collecting** box and is in sliding connection with the **collecting** box; the pulling frame is fixedly connected to the outer wall of the **collecting drawer**; the treatment cylinder is fixedly connected to the outer top surface of the **collection** box and communicates with the interior of the treatment box; and the crushing device and the stockpiling device are fixedly connected to the treatment barrel in sequence and communicate with the interior of the treatment barrel. According to the **garbage** disposal device, the effects of safely **collecting garbage** and safely crushing solid **garbage** with a relatively large volume are achieved.

Classifications:

International (IPC 8-9): B02C4/08 B02C4/30 B65F1/00 B65F1/14



Family:

Publication number	Publication date	Application number	Application date
CN211168327 U	20200804	CN201921192326U	20190726

Priority:

CN201921192326U 20190726

Probable Assignee: CHEN SICHUAN

Assignee(s): (std): CHEN XICHUAN

Assignee(s): CHEN SICHUAN

Inventor(s): (std): CAI SHANGQIN ; CHEN XICHUAN ; WU SHAOLIANG

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN211168327 U	20200804	LSGT	+	granted / extensions (spc, cpc, pte)	
CN211168327 U	20200804	LSGT	+GR01	PATENT GRANT	
CN211168327 U	20200804	LSGT	+GR01	授权	Text: 授权 (Authorization)

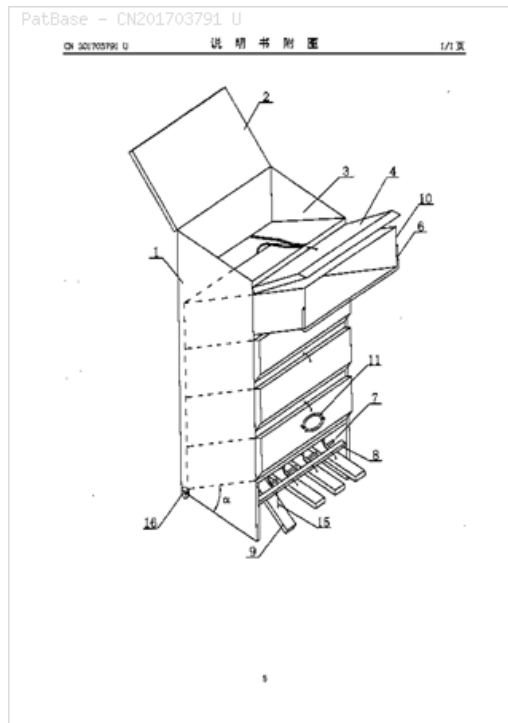
Title: SEMI-AUTOMATIC **COLLECTING** DEVICE CONVENIENT FOR **GARBAGE** CLASSIFICATION

Abstract: The utility model relates to a semi-automatic **collecting** device convenient for **garbage** classification, which comprises a **garbage can** body and an inlet baffle plate mounted on the **garbage can** body by the aid of a hinge. The inside of the **garbage can** body in a floor cabinet structure is divided into a plurality of cases from top to bottom by the aid of partition plates; each case is used for containing a **drawer**-type **garbage** cabinet with an opening on the lateral surface; and the inlet baffle plate is vertically arranged to shade the opening. By adopting a **drawer**-type multi-layer inclined structure and controlling the opening of the **drawer**-type **garbage** cabinet in combination with a pedal switch, the semi-automatic **collecting** device has the advantages of beautiful appearance, fine integration, simple installation and maintenance, convenient carrying and easy popularization and application.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/14

CPC: Y02W30/10



Family:

Publication number	Publication date	Application number	Application date
CN201703791 U	20110112	CN201020185572U	20100510

Priority:

CN201020185572U 20100510

Probable Assignee:

KAIHUA YANG

Assignee(s): (std):

KAIHUA YANG

Assignee(s):

YANG KAIHUA

Inventor(s): (std):

KAIHUA YANG

Inventor(s):

YANG KAIHUA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN201703791 U	20110112	LSGT	+	granted / extensions (spc, cpc, pte)	
CN201703791 U	20110112	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN201703791 U	20130703	LSLE	-C17	CESSATION OF PATENT RIGHT	
CN201703791 U	20200510	PEXP		Calculated Patent Term Expiry	

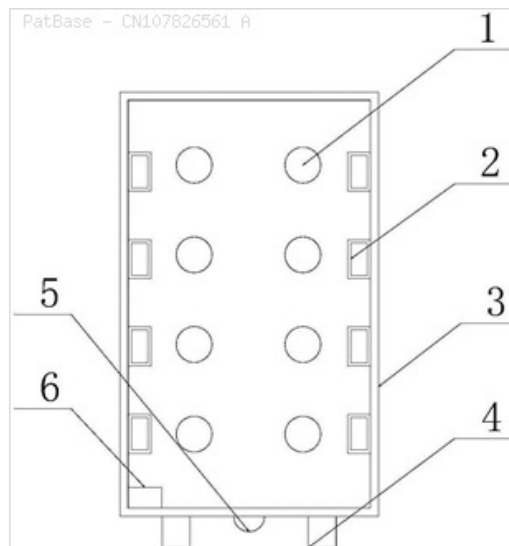
Title: WATER COLLECTION DRAWER FOR GARBAGE CAN SEWAGE COLLECTION

Abstract: The invention relates to the field of garbage collection devices, and discloses a water collection drawer for garbage can sewage collection. The water collection drawer comprises a water collection drawer body with the top being opened; drawing bracelets are arranged at the exterior of the water collection drawer body; ultraviolet sterilizing lamps and a plurality of sterilizing grooves are arranged in an inner cavity of the water collection drawer body; the sterilizing grooves are placed at different heights of the inner walls of the water collection drawer body; notches of the sterilizing grooves face upwards; and the sterilizing grooves contain disinfectants. Sewage deterioration can be inhibited effectively, the occurrence rate a fetor is further reduced, and the reliability is good.

Classifications:

International (IPC 8-9): A61L2/10 B65F1/00 B65F1/14

CPC: A61L2/10 B65F1/00 B65F1/14 B65F2210/132



Family:

Publication number	Publication date	Application number	Application date
CN107826561 A	20180323	CN201711287061	20171207

Priority:

CN201711287061 20171207

Probable Assignee: SICHUAN JUHAI FISHERIES TECH CO LTD

Assignee(s): (std): SICHUAN JUHAI FISHERIES TECH CO LTD

Assignee(s): SICHUAN JUHAI FISHERIES TECHNOLOGY CO ; SICHUAN SEA FISHERY SCIENCE AND TECHNOLOGY CO LTD

Inventor(s): (std): WU YINGBIN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN107826561 A	20180323	LSPB	+	published / reissued	
CN107826561 A	20180323	LSPB	PB01	PUBLICATION	
CN107826561 A	20180323	LSPB	PB01	公开	Text: 公开 (Disclosure)
CN107826561 A	20190305	LSWD	-WW01	INVENTION PATENT APPLICATION WITHDRAWN AFTER PUBLICATION	
CN107826561 A	20190305	LSWD	-WW01	发明专利申请公布后的撤回	Text: 发明专利申请公布后的撤回 (Withdrawal of Patent Application for Invention after Publication)

Title: AUTOMATIC SELF-CLEANING STRAINER ASSEMBLY

Abstract: A strainer assembly for separating solid particles, such as food particles, from drain water includes a straining apparatus made up of discrete portions which travel on an endless path with the path having platform and dumping segments. Incoming drain water impacts the discrete portions of the straining apparatus in the platform segment so that the solid particles are held on the discrete portions while water passes to the drain and the solid particles travel with the discrete portions to the dumping segment, where they are dumped to a **collection** facility.

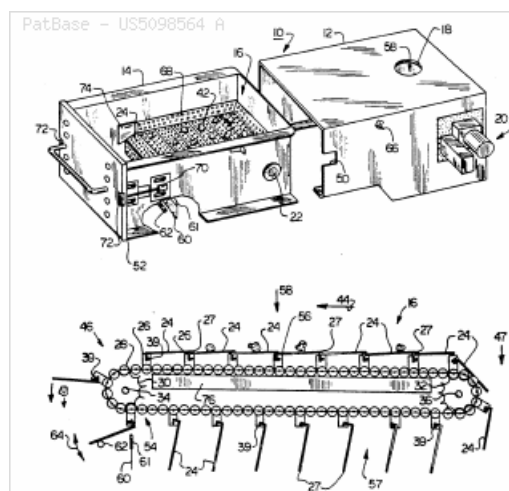
Classifications:

International (IPC 8-9): B01D33/00 B01D33/327

International (IPC 1-7): B01D33/327

CPC: B01D33/327 B01D33/466

US: 210/236 210/391 210/396 210/400



Family:

Publication number	Publication date	Application number	Application date
US5098564 A	19920324	US19900557962	19900725

Priority:

US19900557962 19900725

Probable Assignee: THERMACO INC

Assignee(s): (std): THERMACO INC

Inventor(s): (std): BATTEN WILLIAM C ; MILLER B GLENN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US5098564 A	19900725	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST.;ASSIGNORS:MILLER, B. GLENN;BATTEN, WILLIAM C.;REEL/FRAME:005412/0182 PartyType: owner Owner: THERMACO, INC., NORTH CAROLINA Effective date: 19900723
US5098564 A	19920312	LSGT	PAT1	Patented Case	
US5098564 A	19920312	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US5098564 A	19920324	LSGT	+	granted / extensions (spc, cpc, pte)	
US5098564 A	19950728	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US5098564 A	19990706	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US5098564 A	20030814	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US5098564 A	20100725	PEXP		Calculated Patent Term Expiry	

Title: Indoor **garbage can** with flowerpot

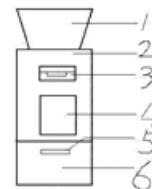
Abstract: The utility model discloses an indoor **garbage can** with a flowerpot. The indoor **garbage can** with the flowerpot is characterized in that the flowerpot is put at the top end of the indoor **garbage can** and is used for planting flowers; the part below the top end of the **garbage can** is provided with a square ashtray; the bottom part of the ashtray is a square opening of the **garbage can** and is used for throwing in **garbage**; the lower part of the opening of the **garbage can** is provided with a **garbage can drawer**; the **garbage can drawer** can be conveniently installed and detached through a **drawer** handle, and thus, the **garbage can** be conveniently **collected** and carried away. By adopting the indoor **garbage can** designed by the utility model, the flowerpot at the top end of the **garbage can** is used for planting the flowers; the flowers bloom to adorn indoors, and thereby, the indoor environment **can** be obviously improved, and the **garbage can** is not a disgusting article for daily use any longer. The indoor **garbage can** with the flowerpot is simple in design, convenient in use, low cost and easy in manufacturing, is one of indispensable articles for use in daily lives of people, and has a very promotion value.

Classifications:

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

PatBase - CN202687235 U

说明书附图 1/3页



Family:

Publication number	Publication date	Application number	Application date
CN202687235 U	20130123	CN201220202529U	20120508

Priority:

CN201220202529U 20120508

Probable Assignee:

WANG GUIHONG

Assignee(s): (std):

WANG GUIHONG

Inventor(s): (std):

WANG GUIHONG

Legal status (INPADOC)

[View legal status timeline](#)

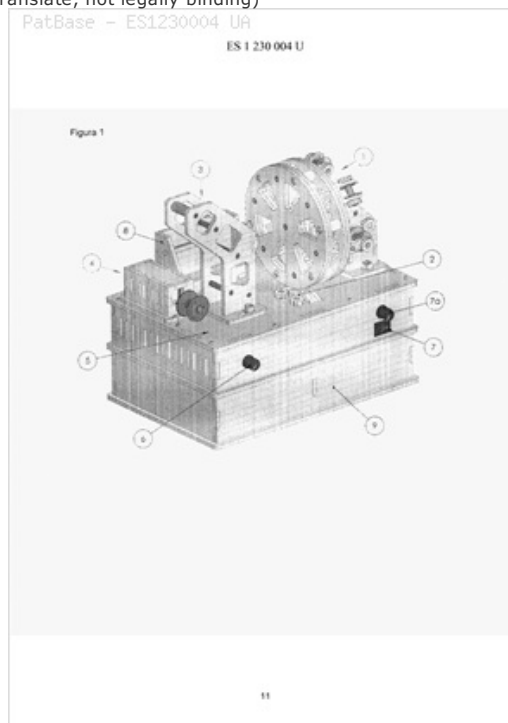
Patent	Date recorded	Event group	Code	Event	Details
CN202687235 U	20130123	LSGT	+	granted / extensions (spc, cpc, pte)	
CN202687235 U	20130123	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN202687235 U	20140702	LSLE	-C17	CESSATION OF PATENT RIGHT	
CN202687235 U	20220508	PEXP		Calculated Patent Term Expiry	

Title: COMPACT, MOTORIZED AND ELECTRONICALLY CONTROLLED MACHINE FOR THE PRODUCTION OF ROPES BY THE TWISTING SYSTEM (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Compact machine, motorized and electronically controlled to make ropes by the twisting system that requires a small working space for its operation, characterized by containing: a twister/wire twister mechanism, a set of guides located in a structure that they adjust the tension and twist of the elaborated rope, a **collection** mechanism that in turn is used for winding the coils, a control box in which inside there is fixed a mechanism of power transmission to the twister plate and the electronics. On the outside, there are the control knobs and switches of the motors, a bobbin holder fixed on the control box and a lower stacking **drawer** under the control box. (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): D01H1/08 D01H1/14



Family:

Publication number	Publication date	Application number	Application date
ES1230004 UA	20190524	ES20190030096U	20190121
ES1230004 Y	20190814	ES20190030096U	20190121

Priority:

ES20190030096U 20190121

Probable Assignee: YANAC ZEGARRA JOSE ANTONIO
Assignee(s): (std): YANAC ZEGARRA JOSE ANTONIO
Assignee(s): JOSE ANTONIO YANAC ZEGARRA
Inventor(s): (std): YANAC ZEGARRA JOSE ANTONIO
Inventor(s): JOSE ANTONIO YANAC ZEGARRA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1230004 UA	20190524	LSPB	+	published / reissued	
ES1230004 UA	20190524	LSPB	+CA1K	UTILITY MODEL APPLICATION PUBLISHED	Kind code of Ref document: U Effective date: 20190524 Ref document number: 1230004 Country of Ref document: ES
ES1230004 UA	20190814	LSGT	+FG1K	UTILITY MODEL GRANTED	Kind code of Ref document: Y Ref document number: 1230004 Effective date: 20190808 Country of Ref document: ES
ES1230004 Y	20190814	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: **Garbage can** for subdistricts

Abstract: The invention relates to a **garbage can** for subdistricts, which mainly comprises a **can** body and a **can** cap, wherein the bottom of the **can** body is provided with a discharge opening; both sides of the bottom of the **can** body are provided with **drawer** outside plates, each **drawer** outside plate is provided with a sewage **drawer** forming slide fit with the **drawer** outside plate, a filter gauze which **can** be drawn and inserted is arranged between the sewage **drawer** and the discharge opening, and the inside chamber of the **can** body is communicated with the inside chamber of the sewage **drawer** by the discharge opening and the filter gauze which **can** be drawn and inserted. Both sides of the bottom of the **can** body are provided with axle base seats, each axle base seat is connected with an axle, both ends of the axle are provided with **can** wheels, and the **can** body is provided with a handle. The invention has the advantages that toilet paper and other organic **garbage** are specially **collected**, which is favorable to the classification of house **garbage**; moisture in **garbage can** be effectively filtered, the leakage of sewage in the process of **garbage** transportation is avoided, and the cleanliness of environment is protected.

Classifications:

International (IPC 8-9): B65F1/12 B65F1/14 B65F1/16 B65F7/00

CPC: B65F1/1468 B65F2001/1489 B65F2210/132

PatBase - CN101445183 A

0000102046139_4

说明书附图

第1/3页

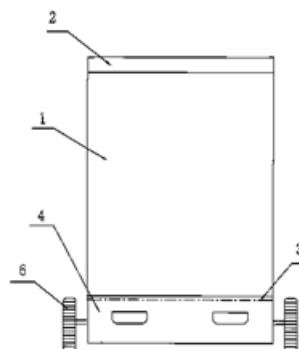


图1

Family:

Publication number	Publication date	Application number	Application date
CN101445183 A	20090603	CN200810164139	20081225

Priority:

CN200810164139 20081225

Probable Assignee:

JIAN CHEN

Assignee(s): (std):

JIAN CHEN

Assignee(s):

CHEN JIAN

Inventor(s): (std):

JIAN CHEN

Inventor(s):

CHEN JIAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN101445183 A	20090603	LSPB	+	published / reissued	
CN101445183 A	20090603	LSPB	+C06	PUBLICATION	
CN101445183 A	20090729		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN101445183 A	20121107	LSRV	-C12	REJECTION OF A PATENT APPLICATION AFTER ITS PUBLICATION	

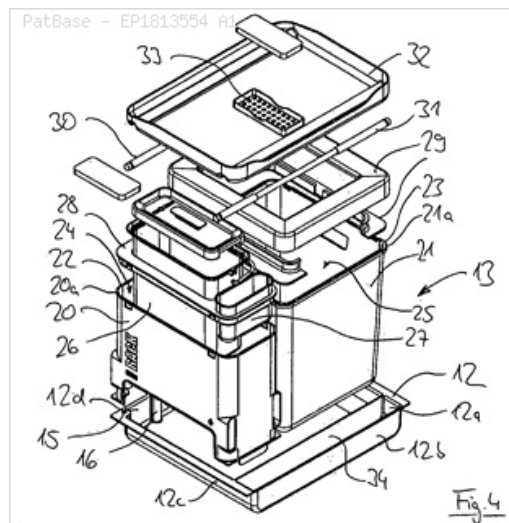
Title: SUPPORT DEVICE FOR REFUSE **COLLECTING** RECEPTACLES

Abstract: A support/carrier device (13) has a bottom tray (12) mounted on a kitchen **drawer** (1) and at least one retention element (20,21) extending upwards from the bottom tray (12), for at least one waste **collection** container (26,27). An independent claim is included for a kitchen **drawer** with waste collector.

Classifications:

International (IPC 8-9): B65F1/14

CPC: B65F1/1436



Family:

Publication number	Publication date	Application number	Application date
EP1813554 A1	20070801	EP20060026018	20061215

Priority:

CH20060000143 20060127

Probable Assignee: NIRO PLAN AG

Assignee(s): (std): NIRO PLAN AG

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
EP1813554 A1	20070801	LSPB	+	published / reissued	
EP1813554 A1	20070801		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
EP1813554 A1	20070801		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: AL BA HR MK YU
EP1813554 A1	20071010	LSSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20070824
EP1813554 A1	20071107	LSSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 20071009
EP1813554 A1	20080409	LSFE	+AKX	DESIGNATION FEES PAID	Country of Ref document: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR
EP1813554 A1	20101222	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20100701

Title: MODULAR LAUNDRY SYSTEM WITH HORIZONTAL AND VERTICAL MODULES

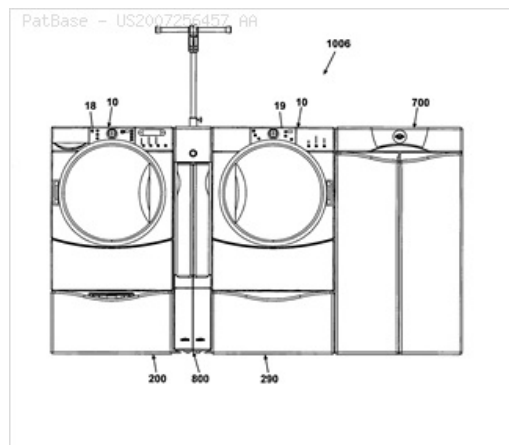
Abstract: A modular laundry system comprises first and second laundry appliances in a horizontal arrangement, a single width horizontal module vertically arranged with one of the first and second laundry appliances, and a vertical module horizontally arranged relative to the first and second laundry appliances.

Classifications:

International (IPC 8-9): D06F37/00

CPC: D06F29/00

US: 68/300R 68/3R



Family:

Publication number	Publication date	Application number	Application date
US2007256457 AA	20071108	US20050322739	20051230

Priority:

US20050322739 20051230

Probable Assignee: WHIRLPOOL CORP

Assignee(s): (std): ACHTERBERG LORRAINE L ; DOYLE COLLEEN M ; KENDALL JAMES W ; VISWANATHAN AMERESH B

Assignee(s): WHIRLPOOL CORP

Inventor(s): (std): ACHTERBERG LORRAINE L ; DOYLE COLLEEN M ; KENDALL JAMES W ; VISWANATHAN AMERESH B

Inventor(s): ACHTERBERG LORRAINE ; DOYLE COLLEEN ; DOYLE COLLEEN MARIE ; KENDALL JAMES ; KENDALL JAMES WILLIAM ; VISWANATHAN AMERESH ; VISWANATHAN AMERESH BABU

Agent(s): WHIRLPOOL PATENTS COMPANY - MD 0750

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US2007256457 AA	20060222	LSAS	AS	ASSIGNMENT	OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KENDALL, JAMES WILLIAM;ACHTERBERG, LORRAINE L.;VISWANATHAN, AMERESH BABU;AND OTHERS;REEL/FRAME:017301/0716;SIGNING DATES FROM 20051229 TO 20060124 Owner: WHIRLPOOL CORPORATION, MICHIGAN PartyType: owner
US2007256457 AA	20071108	LSPB	+	published / reissued	
US2007256457 AA	20090922	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2007256457 AA	20090922		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

Title: WASTE RECEIVING DEVICE

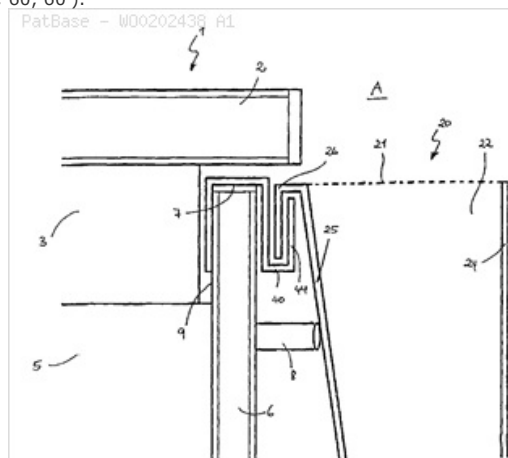
Abstract: The invention relates to a device for receiving waste arising from a work-top. Said device comprises a support (16, 40, 50, 50', 60, 60') which is used to secure the inventive device to the front panel (6) of a **drawer** or the door of a cupboard, and a waste container (12,22,32) which is connected to the support (16, 40, 50', 60, 60').

Classifications:

International (IPC 8-9): B65F1/14

International (IPC 1-7): A47B77/18 B65F1/14

CPC: B65F1/141 B65F2210/18



Family:

Publication number	Publication date	Application number	Application date
DE20013625 U1	20010329	DE20002013625U	20000630
WO0202438 A1	20020110	WO2001EP07385	20010628

Priority:

DE20002013625U 20000630

Probable Assignee: QUILITZ UDO

Assignee(s): (std): QUILITZ UDO

Inventor(s): (std): QUILITZ UDO

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR US

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE20013625 U1	20010329	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20013625 U1	20010329	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 20010329
DE20013625 U1	20040212	LSGT	+R150	UTILITY MODEL MAINTAINED AFTER PAYMENT OF FIRST MAINTENANCE FEE AFTER THREE YEARS	Effective date: 20031202
DE20013625 U1	20070419	LSLE	-R157	LAPSE OF IP RIGHT AFTER 6 YEARS	Effective date: 20070103
DE20013625 U1	20100630	PEXP		Calculated Patent Term Expiry	
WO0202438 A1	20020110	LSPB	+	published / reissued	
WO0202438 A1	20020110		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: us
WO0202438 A1	20020110		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
WO0202438 A1	20020306		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO0202438 A1	20030820	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref country code: WO

Title: DEVICE AND PROCESS FOR PROCESSING ORGANIC WASTE

Abstract: Organic matter is converted into a composition or outcome after it is deemed to be waste but before it is finally disposed of or used, for example as compost. One outcome is a solid of substantially fixed shape made of the pieces of organic matter, optionally bound together with a binder. The outcome is dry enough to substantially reduce microbial growth and related odors. The outcome is more convenient to handle and less offensive than raw organic waste and so encourages users to divert organic waste from other **garbage** and to participate in composting or other programs. The outcome **can** also be kept in the home or garage for extended periods of time without creating intolerable odors and so the user may take **garbage** to the curb less often than once a week. Processes for making outcomes involve reducing raw organic waste to pieces, drying the raw organic waste and, optionally mixing the pieces with a binder or water, forming the mixture into a shape and drying the formed mixture into a solid. Apparatuses for performing the processes may include a portable receiving module that interacts with a processing module. The outcomes decompose when exposed to the weather and may be used privately, for example as compost, or exchanged for consideration to an organization.

Classifications:

International (IPC 8-9): B02C19/00 B02C23/16 B02C23/18 B09B1/00 B09B3/00 C05F17/02 C05F9/00 C05F9/02

International (IPC 1-7): B01J20/00 B09B3/00

CPC: B09B1/00 B09B3/00 B09B3/0025 C05F17/971 C05F9/00 Y02A40/20 Y02P20/145 Y02W30/40

US: 241/3 241/62 241/62P 241/74 425/110 502/400 71/14

**Family:**

Publication number	Publication date	Application number	Application date
AU2003266880 AA	20040430	AU20030266880	20030912
CA2496488 AA	20050224	CA20032496488	20030912
US2004127355 AA	20040701	US20030661567	20030915
US7621472 BB	20091124	US20030661567	20030915
US2008035769 AA	20080214	US20070858398	20070920
US7625195 BB	20091201	US20070858398	20070920
WO04024355 A1	20040325	WO2003CA01395	20030912

Priority:

US20020410327P 20020913 WO2003CA01395 20030912 US20030661567 20030915
 US20070858398 20070920

Probable Assignee: AXIS GROUP INT INC

Assignee(s): (std): MANU ALEXANDER ; WHIRLPOOL CANADA INC ; WHIRLPOOL CO

Assignee(s): AXIS GROUP INT ; AXIS GROUP INT INC ; WHIRLPOOL CORP

Inventor(s): (std): MANU ALEXANDER

Inventor(s): ALEXANDER MANU

Agent(s): JOHN W; KIRBY EADES GALE BAKER; MCGARRY BAIR 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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AU2003266880 AA	20040430	LSPB	+	published / reissued	

AU2003266880 AA	20050616	LSLE	-MK6	APPLICATION LAPSED SECTION 142(2)(F)/REG. 8.3(3) - PCT APPLIC. NOT ENTERING NATIONAL PHASE	
CA2496488 AA	20050224	LSPB	+	published / reissued	
CA2496488 AA	20080826	LSES	+EEER	EXAMINATION REQUEST	
CA2496488 AA	20110808	LSLE	-FZDE	DEAD	
US2004127355 AA	20040701	LSPB	+	published / reissued	
US2004127355 AA	20070912	LSAS	AS	ASSIGNMENT	Effective date: 20060917 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:WHIRLPOOL CANADA INC.;REEL/FRAME:019815/0722 Owner: WHIRLPOOL CORPORATION, MICHIGAN PartyType: owner
US2004127355 AA	20091104	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US2008035769 AA	20080214	LSPB	+	published / reissued	
US2008035769 AA	20091111	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US7621472 BB	20040122	LSAS	AS	ASSIGNMENT	Effective date: 20040119 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:AXIS GROUP INTERNATIONAL INC.;REEL/FRAME:014914/0343 Owner: WHIRLPOOL CANADA INC., ONTARIO PartyType: owner
US7621472 BB	20040122	LSAS	AS	ASSIGNMENT	Effective date: 20040119 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:MANU, ALEXANDER;REEL/FRAME:014914/0351 Owner: AXIS GROUP INTERNATIONAL INC., ONTARIO PartyType: owner
US7621472 BB	20091104	LSGT	PAT1	Patented Case	
US7621472 BB	20091124	LSGT	+	granted / extensions (spc, cpc, pte)	
US7621472 BB	20101026	LSRE	CC	CERTIFICATE OF CORRECTION	
US7621472 BB	20130214	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7621472 BB	20170505	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US7621472 BB	20270514	PEXP		Calculated Patent Term Expiry (PTA 1337 days)	
US7625195 BB	20091111	LSGT	PAT1	Patented Case	
US7625195 BB	20091201	LSGT	+	granted / extensions (spc, cpc, pte)	
US7625195 BB	20130214	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7625195 BB	20170525	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US7625195 BB	20230915	PEXP		Calculated Patent Term Expiry	
WO04024355 A1	20040325	LSPB	+	published / reissued	
WO04024355 A1	20040325		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MY NZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
WO04024355 A1	20040325		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AM AT AZ BE BF BG BJ BY CF CG CH CI CM CY CZ DE DK EE ES FI FR GA GB GH GM GN GQ GR GW HU IE IT KE KG KZ LS LU MC MD ML MR MW MZ NE NL PT RO RU SD SE SI SK SL SN SZ TD TG TJ TM TR TZ UG ZM ZW
WO04024355 A1	20040519		121	EP: THE EPO HAS BEEN INFORMED	

				BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO04024355 A1	20050224	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Ref document number: 2496488 Country of Ref document: CA
WO04024355 A1	20051102	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref country code: WO
WO04024355 A1	20060814	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: JP
WO04024355 A1	20060814	LSWD	-WWW	WIPO INFORMATION: WITHDRAWN IN NATIONAL OFFICE	Text: JP

Title: **COLLECTION** DEVICE FOR POLLUTANTS

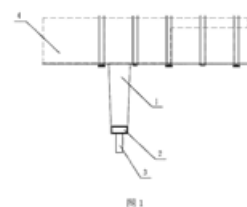
Abstract: The invention relates to a **collection** device for pollutants, wherein the **collection** device is applied to a **garbage** compressor. The **collection** device for the pollutants is characterized by comprising a **collection** box body, a filtering **drawer** and a liquid discharging pipe, wherein the top end of the **collection** box body is connected with the bottom of a storage bin and communicated with the storage bin, a **drawer** opening is formed in the side wall of the lower portion of the **collection** box body, the filtering **drawer** is arranged in the **collection** box body through the **drawer** opening, the bottom of the filtering **drawer** is hollow, and the bottom of the **collection** box body is connected with the liquid discharging pipe. The **collection** device for the pollutants has the advantages of being simple and reasonable in structure, and capable of eliminating the pollutants from each storage bin, avoiding that **garbage** compression equipment is polluted and corroded, reducing the maintenance cost, and prolonging the service life of the equipment. **Garbage collected** by the **collection** device for the pollutants **can** be separated into a solid portion and a liquid portion, and is favorable for follow-up treatment, environment-friendly and energy-saving.

Classifications:

International (IPC 8-9): B65F5/00 B65F9/00

PatBase - CN103129886 A

CN 103129886 A 说明书附图 1/3 页



Family:

Publication number	Publication date	Application number	Application date
CN103129886 A	20130605	CN201310087422	20130319
CN203127569 U	20130814	CN201320126642U	20130319

Priority:

CN201310087422 20130319 CN201320126642U 20130319

Probable Assignee: WUXI SHENGTENG METAL STRUCTURE EQUIPMENT CO LTD

Assignee(s): (std): WUXI SHENGTENG METAL STRUCTURE EQUIPMENT CO LTD

Assignee(s): WUXI SHENGTENG METAL STRUCTURE EQUIPMENT CO

Inventor(s): (std): CAI WEIFU ; ZHAO BO

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN103129886 A	20130605	LSPB	+	published / reissued	
CN103129886 A	20130605	LSPB	+C06	PUBLICATION	
CN103129886 A	20130710		C10	ENTRY INTO SUBSTANTIVE EXAMINATION	
CN103129886 A	20160323	LSRV	-C12	REJECTION OF A PATENT APPLICATION AFTER ITS PUBLICATION	
CN203127569 U	20130814	LSGT	+	granted / extensions (spc, cpc, pte)	
CN203127569 U	20130814	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN203127569 U	20230319	PEXP		Calculated Patent Term Expiry	

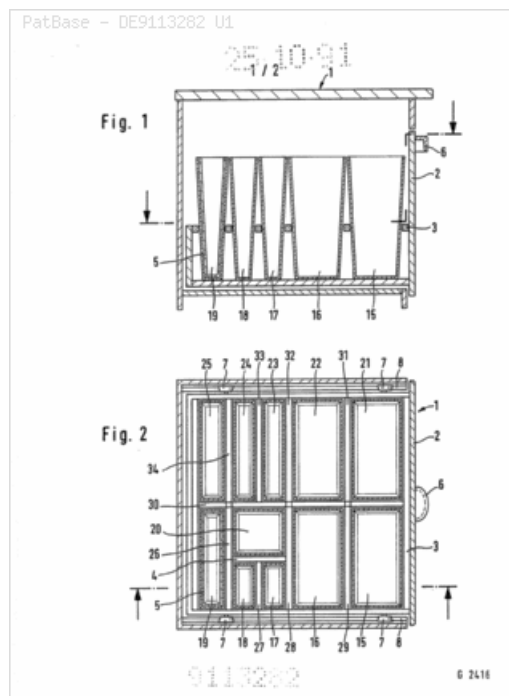
Abstract: Source: DE9113282 U1 **Machine translation:** (Claim 1) 1 Device for the separate **collection** of waste, especially in the kitchen with several (1) in a cabinet located and individually removable container (1), characterized in that there are open on the top of the container (15-25) in a horizontally movable **drawer**.

Classifications:

International (IPC 8-9): B65F1/00

International (IPC 1-7): B65F1/08

CPC: B65F1/006



Family:

Publication number	Publication date	Application number	Application date
DE9113282 U1	19920130	DE19910013282U	19911025

Priority:

DE19910013282U 19911025

Probable Assignee: WERNER MARGIT 8781 GRAEFENDORF DE

Assignee(s): WERNER MARGIT 8781 GRAEFENDORF DE

Legal status (INPADOC)

[View legal status timeline](#)

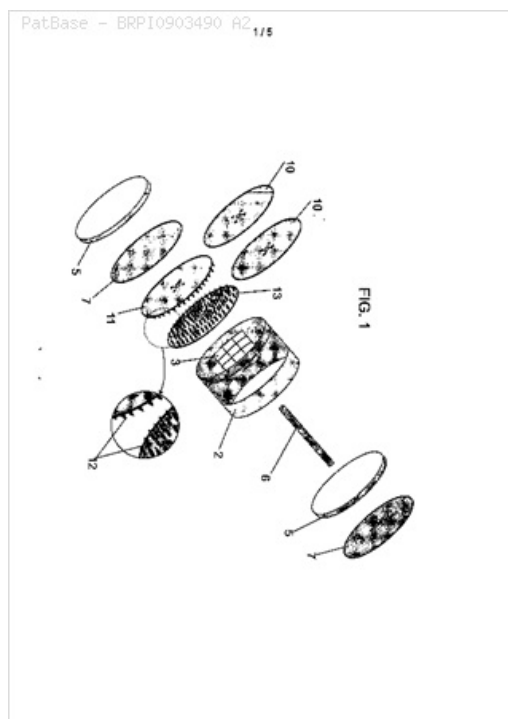
Patent	Date recorded	Event group	Code	Event	Details
DE9113282 U1	19920130	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9113282 U1	20011025	PEXP		Calculated Patent Term Expiry	

Title: TrituraCco plastics equipment and other pets, a disk system rotatorio (Machine translation)

Abstract: Source: BRPI0903490 A2 **Machine translation:** TRITURACCO EQUIPMENT FOR PLASTICS AND OTHER PET BY SYSTEM DISK ROTATARIO. This equipment has greatly reduced size and weight compared to the conventional system due to an unpublished grinding discs equipped with a sharp pin, among which are placed objects such as bottles and packaging in general, being crushed by the pins of the rotating discs in high rotation as they are approximate objects, resulting in a crunch with very small granules. The crusher and basically formed by a cylindrical box containing the inner two disks, one fixed and one rotating static, the two discs dated numerous sharp pins distributed radially. The chopper and attached to a tower, is having a superior, the input material by gravity, below a **collecting** box of shredded material.

Classifications:

International (IPC 8-9): B02C7/06



Family:

Publication number	Publication date	Application number	Application date
BRPI0903490 A2	20110510	BR2009PI03490	20090911

Priority:

BR2009PI03490 20090911

Probable Assignee: DE SOUSA THIAGO APARECIDO FEDRAO

Assignee(s): (std): DE SOUSA THIAGO APARECIDO FEDRAO ; LUIZ FABIO RESCIA ; RIBEIRO MARCO ANTONIO ; RODRIGUES DANILO DA SILVA

Assignee(s): DANILO DA SILVA RODRIGUES ; FABIO RESCIA LUIZ ; MARCO ANTONIO RIBEIRO ; THIAGO APARECIDO FEDRAO DE SOUSA

Inventor(s): (std): DE SOUSA THIAGO APARECIDO FEDRAO ; LUIZ FABIO RESCIA ; RIBEIRO MARCO ANTONIO ; RODRIGUES DANILO DA SILVA

Inventor(s): DANILO DA SILVA RODRIGUES ; FABIO RESCIA LUIZ ; MARCO ANTONIO RIBEIRO ; THIAGO APARECIDO FEDRAO DE SOUSA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
BRPI0903490 A2	20110510	LSPB	+	published / reissued	
BRPI0903490 A2	20110510	LSPB	B03A	PUBLICATION OF AN APPLICATION: PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION	
BRPI0903490 A2	20120807	LSFE	-B08F	APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW	Text: REFERENTE A 3A ANUIDADE(S).
BRPI0903490 A2	20120828	LSAS	B25A	REQUESTED TRANSFER OF RIGHTS APPROVED	OldParty: TRANSFERIDO DE: MARCO ANTONIO RIBEIRO

Owner: MARCO
ANTONIO RIBEIRO
(BR/SP) , THIAGO
APARECIDO F
PartyType: owner

BRPI0903490 A2 20131022

LSLE

-B08K

LAPSE AS NO EVIDENCE OF
PAYMENT OF THE ANNUAL FEE HAS
BEEN FURNISHED TO INPI (ACC.
ART. 87)

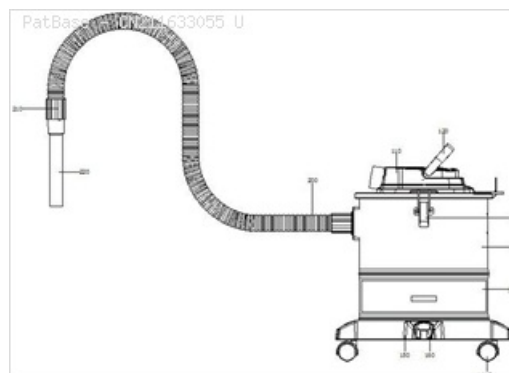
Text: REFERENTE AO
NAO CUMPRIMENTO DO
DESPACHO 8.6 NA RPI
2170 DE 07/08/2012.

Title: DUST COLLECTOR FACILITATING **GARBAGE** CLASSIFICATION

Abstract: The utility model belongs to the technical field of dust collectors. The utility model relates to a dust collector facilitating **garbage** classification. The dust collector comprises a dust collector body, dust **collecting** pipes and **collecting drawers**. The dust **collection** pipe is arranged at the top of the left side wall of the dust collector main body; the other end of the dust suction pipe is provided with a dust suction nozzle through a dust suction nozzle connector. A **drawer** groove is formed in the bottom of an inner cavity of the dust collector body. Sliding grooves are formed in the left side wall and the right side wall of the bottom of an inner cavity of the **drawer** groove. The **collection drawer** is arranged in the **drawer** groove; pulleys matched with the sliding grooves are arranged on the left side wall and the right side wall of the bottom of the **collecting drawer**. An iron core is arranged in a **collection drawer** in a dust collector main body; the iron core is arranged in the dust collector body, the conductive wire set is connected to the iron core in a wound mode, after the conductive wire set is powered on, the electromagnet formed by the iron core and the conductive wire set in a matched mode generates attraction force to adsorb metal in **garbage** adsorbed by the dust collector body, a user **can** conveniently separate out the metal for recycling when cleaning the **garbage**, and practicability is improved.

Classifications:

International (IPC 8-9): A47L5/12 A47L7/02 A47L9/10



Family:

Publication number	Publication date	Application number	Application date
CN211633055 U	20201009	CN201922082604U	20191128

Priority:

CN201922082604U 20191128

Probable Assignee: YONGKANG MAIJIDA TOOLS MFG CO LTD

Assignee(s): (std): YONGKANG MAIJIDA TOOLS MFG CO LTD

Assignee(s): YONGKANG COMMERCIAL WHEAT JEDDAH TOOL MFG CO LTD ; YONGKANG MAIJIDA TOOLS MFG CO

Inventor(s): (std): ZHANG LIYU

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN211633055 U	20201009	LSGT	+	granted / extensions (spc, cpc, pte)	
CN211633055 U	20201009	LSGT	+GR01	PATENT GRANT	
CN211633055 U	20201009	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN211633055 U	20291128	PEXP		Calculated Patent Term Expiry	

Title: WASTE LOADING SYSTEM FOR REFUSE LORRY - HAS PIVOTAL CHARGING BLADES IN HINGED LOADING AND IN MAIN RECEPTACLES

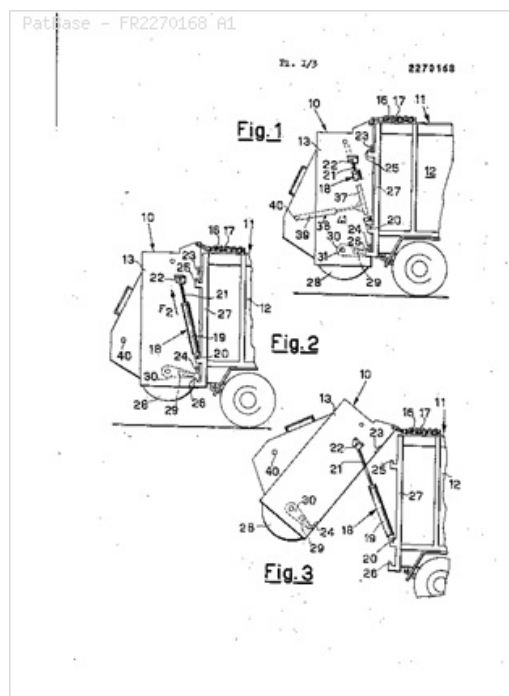
Abstract: There is a receptacle of parallel piped shape (10) which has a door at the front for loading. At the rear is a discharge door communicating with the main receptacle (12). The first receptacle (10) is lifted at its upper part so as to swivel to unload into the main receptacle (12). Two arms support the first receptacle which is lifted under power, for example, by hydraulic rams (18) or motors. There is a first inner blade above the semi-cylindrical base of the receptacle which is pivotal to raise and advance the **collected** waste. There is an upper blade inside the main receptacle which oscillates in synchronism with the first blade to push the raised waste into the main receptacle.

Classifications:

International (IPC 8-9): B60P B65F3/00 B65F3/20

International (IPC 1-7): B60P B65D B65F3/14 B65F3/20

CPC: B65F3/205 B65F3/20



Family:

Publication number	Publication date	Application number	Application date
BE828853 A	19750901	BE19750156169	19750507
DE2518834 A1	19751120	DE19752518834	19750428
ES437560 A1	19770416	ES19750437560	19750509
FR2270168 A1	19751205	FR19750014390	19750507
FR2270168 B1	19791005	FR19750014390	19750507
IT1014155 A	19770420	IT19740068472	19740510
IT1046941 A	19800731	IT19740070738	19741224
NL7505484 A	19751112	NL19750005484	19750509

Priority:

IT19740068472 19740510 IT19740070738 19741224

Probable Assignee: LAZZARONE G

Assignee(s): (std): GIUSEPPE LAZZARONE ; LAZZARONE G ; LAZZARONE GIUSEPPE

Assignee(s): GIUSEPPE LAZZARONE TE TROFARELLO ITALIE ; LAZZARONE GIUSEPPE IT

Inventor(s): (std): LAZZARONE GIUSEPPE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
BE828853 A	19750901	LSPB	+	published / reissued	
BE828853 A	19881130	LSLE	-RE	PATENT LAPSED	Owner: FARID S.P.A. PartyType: owner Effective date: 19880531
DE2518834 A1	19751120	LSPB	+	published / reissued	
DE2518834 A1	19820826	LSAS	8127	NEW PERSON/NAME/ADDRESS OF THE APPLICANT	Owner: FARID S.P.A., MONCALIERI, TORINO, IT PartyType: owner

DE2518834 A1	19830601	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE
ES437560 A1	19770416	LSGT	+	granted / extensions (spc, cpc, pte)
ES437560 A1	19970416	PEXP		Calculated Patent Term Expiry
FR2270168 A1	19751205	LSPB	+	published / reissued
FR2270168 B1	19791005	LSGT	+	granted / extensions (spc, cpc, pte)
FR2270168 B1	19810626	LSAS	TP	TRANSMISSION OF PROPERTY
FR2270168 B1	19890324	LSLE	-ST	NOTIFICATION OF LAPSE
FR2270168 B1	19950507	PEXP		Calculated Patent Term Expiry
IT1014155 A	19770420	LSGT	+	granted / extensions (spc, cpc, pte)
IT1014155 A	19940510	PEXP		Calculated Patent Term Expiry
IT1046941 A	19800731	LSGT	+	granted / extensions (spc, cpc, pte)
IT1046941 A	19941224	PEXP		Calculated Patent Term Expiry
NL7505484 A	19751112	LSPB	+	published / reissued
NL7505484 A	19810817	LSAS	CNR	TRANSFER OF RIGHTS (PATENT APPLICATION AFTER ITS LAYING OPEN FOR PUBLIC INSPECTION) Text: FARID S.P.A.
NL7505484 A	19820701	LSLE	-BV	THE PATENT APPLICATION HAS LAPSED

Title: REFUSE-COLLECTING -TANK ARRANGEMENT

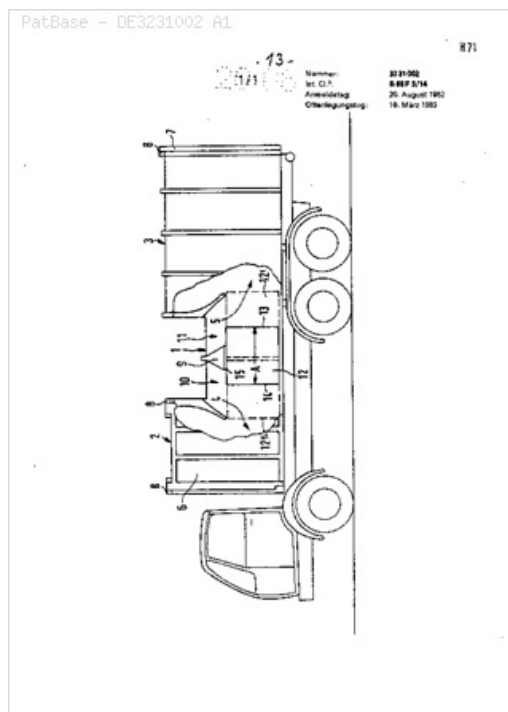
Abstract: The refuse-collecting -tank arrangement comprises two refuse-collecting tanks (2 and 3) which are arranged one behind the other, in front of and behind a refuse-receiving means (1), and the mutually opposite push-in openings (4 and 5) of which open into the trough-shaped refuse-receiving means (1) on the end side. In the refuse-receiving means (1) there is arranged a push-in member (12) which transversely subdivides said receiving means and pushes refuse passing onto its front side (13) into the refuse-collecting tank (3) during the forwards displacement and pushes refuse passing onto its rear side (14) into the refuse-collecting tank (2) during the rearwards displacement.

Classifications:

International (IPC 8-9): B65F3/00 B65F3/14 B65F3/20

International (IPC 1-7): B65F3/00 B65F3/14

CPC: B30B9/301 B30B9/3046 B65F3/001 B65F3/201



Family:

Publication number	Publication date	Application number	Application date
DE8124771 U1	19820211	DE19810024771U	19810825
DE3231002 A1	19830310	DE19823231002	19820820
DE3231002 C2	19840705	DE19823231002	19820820

Priority:

DE19810024771U 19810825 DE19823231002 19820820

Probable Assignee: HALLER GMBH FAHRZEUGBAU

Assignee(s): (std): HALLER GMBH FAHRZEUGBAU

Assignee(s): FAHRZEUGBAU HALLER GMBH 7000 STUTTGART DE

Inventor(s): VERZICHT DES ERFINDERS AUF NENNUNG

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE3231002 A1	19830310	LSPB	+	published / reissued	
DE3231002 A1	19830519	LSSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE3231002 A1	19840315		8125	CHANGE OF THE MAIN CLASSIFICATION	ClassificationScheme: IPC ClassificationSymbol: B65F 3/00
DE3231002 C2	19840705	LSGT	+	granted / extensions (spc, cpc, pte)	
DE3231002 C2	19840705	LSGT	+D2	GRANT AFTER EXAMINATION	
DE3231002 C2	19841004		8380	MISCELLANEOUS PART III	Text: DIE PRIORITAET(EN) IST(SIND) ZU STREICHEN 03.04.82 DE 32125097
DE3231002 C2	19850110	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	

DE3231002 C2	19980813	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE
DE8124771 U1	19820211	LSGT	+	granted / extensions (spc, cpc, pte)

Title: Trash and **garbage** compactor

Abstract: A trash-and-**garbage**-compactor apparatus having a power-driven cam lobe, whereby the circular motion of the cam lobe is transferred into an alternating rectilinear motion for the overriding spring-loaded ram rod. The ram rod includes a first tubular ram-rod member and a second ram-rod member having an overriding spring interposed therebetween, the first ram-rod member operably engaging the cam lobe and the second ram-rod member having a pressure plate attached thereto. The pressure plate is formed to be received in a trash receptacle defined by a **drawer** slidably mounted to the compactor housing.

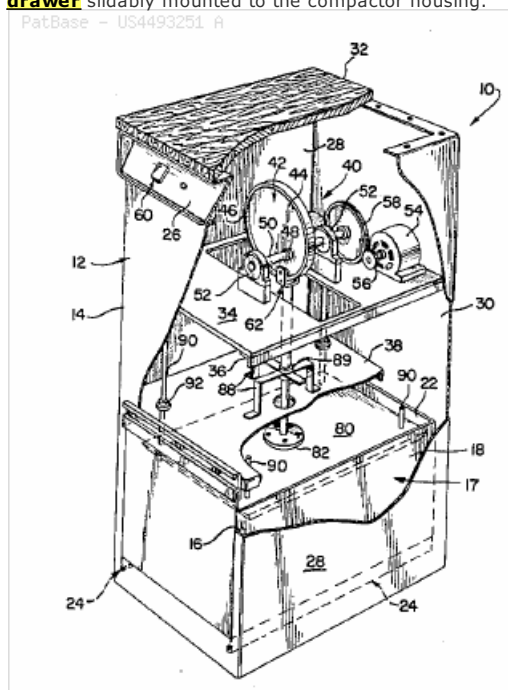
Classifications:

International (IPC 8-9): B30B1/00 B30B1/26 B30B9/00 B30B9/30

International (IPC 1-7): B30B1/26

CPC: B30B1/00 B30B1/261 B30B9/306

US: 100/229A 100/268 100/292 100/341 100/53



Family:

Publication number	Publication date	Application number	Application date
US4493251 A	19850115	US19820427913	19820929

Priority:

US19820427913 19820929

Probable Assignee:

GREEN RICHARD

Assignee(s): (std):

GREEN RICHARD

Inventor(s): (std):

GREEN RICHARD

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US4493251 A	19850115	LSGT	+	granted / extensions (spc, cpc, pte)	
US4493251 A	19880816		REMI	MAINTENANCE FEE REMINDER MAILED	
US4493251 A	19890115	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US4493251 A	19890115	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US4493251 A	19890115	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US4493251 A	19890404	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 19880115

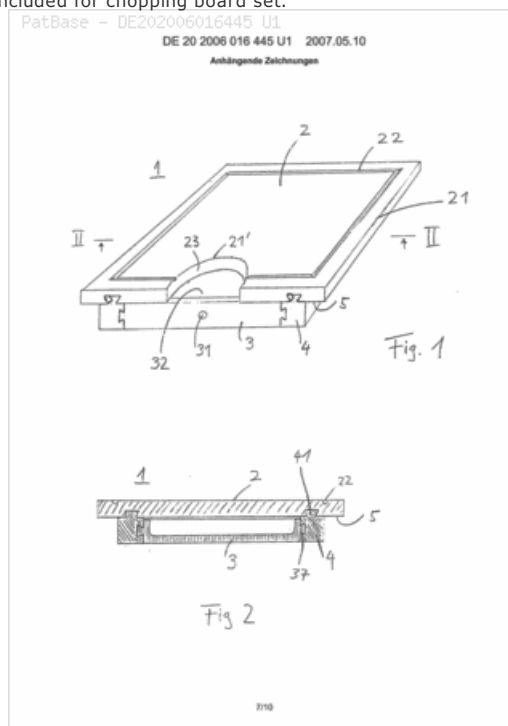
Title: CHOPPING BOARD FOR INDEPENDENT HANDLING OF HOUSEHOLD PURPOSE, CONSISTS OF PLANE CHOPPING SURFACE WITH CHOPPING SURFACE EDGE AND **GARBAGE DRAWER**, ARRANGED BELOW CHOPPING SURFACE, WHICH ARE ADJUSTABLE BETWEEN DIFFERENT POSITIONS

Abstract: Chopping board (1) consists of plane chopping surface (2) with a chopping surface edge (21,21') and a **garbage drawer** (3), arranged below the chopping surface, which are adjustable between different positions. The **garbage** is movable in a first position by using the gravitational force over the chopping surface edge and in a second position the **garbage drawer** is decoupled completely from the chopping board. An independent claim is included for chopping board set.

Classifications:

International (IPC 8-9): A47J47/00

CPC: A47J47/005



Family:

Publication number	Publication date	Application number	Application date
DE202006016445 U1	20070405	DE200620016445U	20061026

Priority:

DE200620016445U 20061026

Probable Assignee:

ZIAD ASSASSA

Assignee(s): (std):

ZIAD ASSASSA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE202006016445 U1	20070405	LSGT	+	granted / extensions (spc, cpc, pte)	
DE202006016445 U1	20070510	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 20070510
DE202006016445 U1	20100121	LSGT	+R150	UTILITY MODEL MAINTAINED AFTER PAYMENT OF FIRST MAINTENANCE FEE AFTER THREE YEARS	Effective date: 20091118
DE202006016445 U1	20130529	LSGT	+R151	UTILITY MODEL MAINTAINED AFTER PAYMENT OF SECOND MAINTENANCE FEE AFTER SIX YEARS	Effective date: 20130410
DE202006016445 U1	20150501	LSLE	-R158	LAPSE OF IP RIGHT AFTER 8 YEARS	
DE202006016445 U1	20161026	PEXP		Calculated Patent Term Expiry	

Title: **GARBAGE** DISPOSAL UNIT

Abstract: A **garbage** disposal unit is provided with a stationery compacting piston fixed at the upper end thereof and with a fixed receptacle member at the lower end thereof. A movable combination member adapted to act as both a receptacle and a compacting piston is mounted intermediate the fixed piston and the fixed receptacle. The disposal unit is thus capable of separately handling different types of **garbage**, with bottles, cans and the like being placed within the movable combination member to be compacted by upward movement thereof for compacting engagement with the upper fixed piston. Ordinary foodstuffs may be placed within the fixed receptacle at the bottom of the unit and movement of the combination member downwardly enables utilization of the combination member as a compacting piston for crushing **garbage** within the lower fixed receptacle.

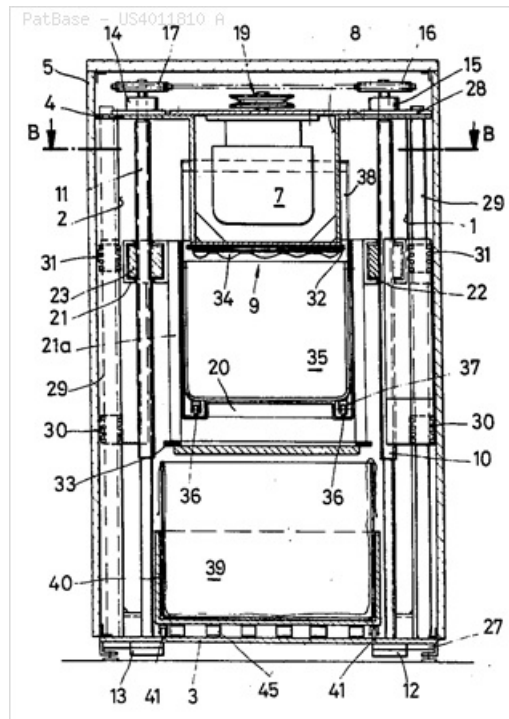
Classifications:

International (IPC 8-9): B30B9/00 B30B9/30

International (IPC 1-7): B30B15/06 B30B7/02 B30B9/30 B65F1/00 B65F1/10 B65F1/14

CPC: B30B9/3042 B30B9/3064 Y10S100/915

US: 100/203 100/209 100/229.00A 100/229A 100/290 100/295 100/915



Family:

Publication number	Publication date	Application number	Application date
AT347857 B	19790125	AT19750009716	19751219
AT971675 A	19780515	AT19750009716	19751219
BE837021 A	19760416	BE19750163066	19751223
CH605110 A	19780929	CH19750016496	19751219
DE2461242 A1	19750828	DE19742461242	19741223
DE2461242 B1	19750828	DE19742461242	19741223
DE2461242 C2	19760401	DE19742461242	19741223
FR2295835 A1	19760723	FR19750040181	19751222
FR2295835 B1	19820813	FR19750040181	19751222
GB1473809 A	19770518	GB19750052723	19751223
IT1054698 A	19811130	IT19750030646	19751222
SE408544 B	19790618	SE19750014543	19751222
SE408544 C	19790927	SE19750014543	19751222
SE7514543 L	19760624	SE19750014543	19751222
US4011810 A	19770315	US19750643870	19751223

Priority:

DE19742461242 19741223

Probable Assignee: MENGELE AND SOEHNE MASCH KARL

Assignee(s): (std): MENGELE AND SOEHNE MASCH KARL ; MENGELE AND SOHNE MASCHINENFABRI ; MENGELE FIRMA KARL AND SOEHNE ; MENGELE K SOEHNE MASCHF EISEN ; MENGELE SOEHNE MASCH EISEN ; MENGELE SOEHNE MASCHF UN ; MENGELE SOEHNE MASCHINENFAB UN

Assignee(s): GUNZBURG DONAU ; KARL MENGELE AND SOEHNE MASCHF U EISENGIESSEREI GUENZBURG DONAU ; KARL MENGELE AND SOEHNE MASCHF U EISENGIESSEREI GUENZBURG DONAU 8870 GUENZBURG ; KARL MENGELE AND SOEHNE MASCHINENFABRIK UND EISENGIESSEREI GUENZBURG DONAU ; KARL MENGELE AND SOEHNE MASCHINENFABRIK UND EISENGIESSEREI GUENZBURG DONAU 8870 GUENZBURG ; KARL MENGELE AND SOHNE ; KARL MENGELE AND SOHNE MASCHF U EISENGIESSEREI ; KARL MENGELE AND SOHNE MASCHINENFABRIK UND EISENGIESSEREI ; MENGELE KARL AND SOEHNE FA ; MENGELE KARL AND SOHNE MASCHF U EISENGIESSEREI G ; MENGELE KARL AND SOHNE MASCHINENFABRIK UND EISENGIESSEREI G ; MENGELE SOEHNE MASCHF U EISENGIESSEREI K ; MENGELE SOEHNE MASCHINENFAB UN EISENGIESSEREI K ; MENGELE SOHNE MASCHF ; MENGELE SOHNE MASCHINENFABRIK ; UNZBURG DONAU

Inventor(s): (std): SANTIC B ; SANTIC BLAZ ; SANTIC BLAZ DIPL ING

Inventor(s): B SANTIC ; BLAZ SANTIC ; DIPL ING BLAZ SANTIC ; LANTIC BLAZ DIPL ING

Legal status (INPADOC)

[View legal status timeline](#)

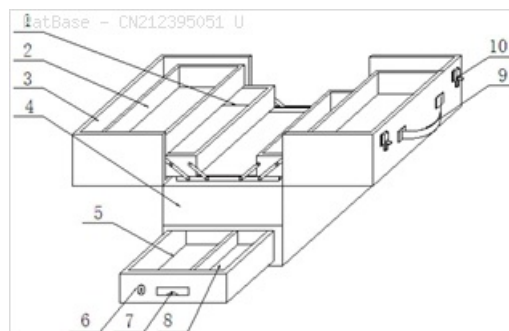
Patent	Date recorded	Event group	Code	Event	Details
AT347857 B	19790125	LSGT	+	granted / extensions (spc, cpc, pte)	
AT347857 B	19880215	LSLE	-ELJ	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT347857 B	19951219	PEXP		Calculated Patent Term Expiry	
AT971675 A	19780515	LSPB	+	published / reissued	
BE837021 A	19760416	LSPB	+	published / reissued	
BE837021 A	19880630	LSLE	-RE	PATENT LAPSED	Effective date: 19871231 PartyType: owner Owner: KARL MENGELE & SOHNE MASCHINENFABRIK UND EISENGIE
CH605110 A	19780929	LSGT	+	granted / extensions (spc, cpc, pte)	
CH605110 A	19870831	LSLE	-PL	PATENT CEASED	
CH605110 A	19951219	PEXP		Calculated Patent Term Expiry	
DE2461242 A1	19750828	LSPB	+	published / reissued	
DE2461242 A1	19771231		+E77	VALID PATENT AS TO THE HEYMANN-INDEX 1977	
DE2461242 A1	19871217	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE2461242 B1	19750828	LSPB	+	published / reissued	
DE2461242 C2	19760401	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2295835 A1	19760723	LSPB	+	published / reissued	
FR2295835 B1	19820813	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2295835 B1	19871023	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2295835 B1	19951222	PEXP		Calculated Patent Term Expiry	
GB1473809 A	19770518	LSGT	+	granted / extensions (spc, cpc, pte)	
GB1473809 A	19770928	LSGT	+PS	PATENT SEALED	
GB1473809 A	19880817	LSLE	-PCNP	PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	
GB1473809 A	19951223	PEXP		Calculated Patent Term Expiry	
IT1054698 A	19811130	LSGT	+	granted / extensions (spc, cpc, pte)	
IT1054698 A	19951222	PEXP		Calculated Patent Term Expiry	
SE408544 B	19790618	LSPB	+	published / reissued	
SE408544 C	19790927	LSGT	+	granted / extensions (spc, cpc, pte)	
SE408544 C	19951222	PEXP		Calculated Patent Term Expiry	
US4011810 A	19770315	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: A multifunctional Kits (Machine translation)

Abstract: Source: CN212395051 U **Machine translation:** The utility model discloses a multifunctional kits, including Kits body placed on the **drawer** and **drawer**, medicament, **garbage collection** activities cover the medicine cabinet body provided with a bottom end of the inner side of the accommodating groove, the bottom surface of the accommodating groove on both sides of the fixed support convex plate, convex plate side surface of the support shaft is provided with a second shaft, said second shaft connecting rod connecting rod is provided with a first shaft, the upper end of the connecting rod kits body both sides of the shaft is provided on the activities cover the activities cover the internal shaft provided with a second storage layer, the said second storage layer storage layer, the lower end is provided with a first **drawer can** be placed within the placement shelves pharmacy drug placement, iodine and alcohol, and the pharmacy placement shelves removed, avoiding the use of touch other objects, causing pollution, **garbage collection drawer** and **drawer** by **drawer** locking agent placed surface with the **garbage drawer** and agents placed in the **drawer** fixed connection, **can** prevent **garbage collection drawer** and **drawer** slide out of pharmacy placed

Classifications:

International (IPC 8-9): A61B50/31 A61B50/36



Family:

Publication number	Publication date	Application number	Application date
CN212395051 U	20210126	CN202020425523U	20200330

Priority:

CN202020425523U 20200330

Probable Assignee: LIUZHOU LIUZHOU RAILWAY CENTRAL HOSPITAL

Assignee(s): LIUZHOU LIUZHOU RAILWAY CENTRAL HOSPITAL

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN212395051 U	20210126	LSGT	+	granted / extensions (spc, cpc, pte)	
CN212395051 U	20210126	LSGT	+GR01	PATENT GRANT	
CN212395051 U	20210126	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN212395051 U	20300330	PEXP		Calculated Patent Term Expiry	

Title: MUELLTUETEN-AUFBEWAHRUNGS- UND -ABROLLHALTERUNG

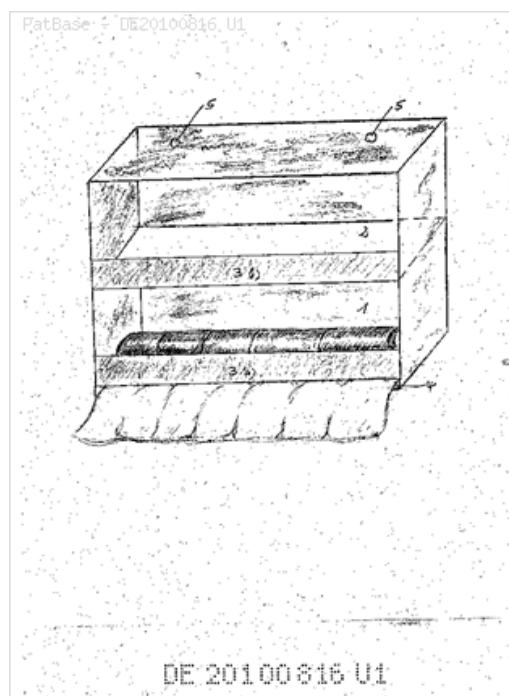
Abstract: Source: DE20100816 U1 **Machine translation:** (Claim 1) requirement for registered design: The **garbage** bag box is characterised by it. that it is intended for mounting at the wall. The rectangular, box shaped execution has back above on the right of and on the left of a wall suspension.

Classifications:

International (IPC 8-9): B65H35/00 B65H35/10

International (IPC 1-7): A47G29/00 B65F1/06 B65H16/02 B65H35/10

CPC: A47F2009/044 B65H2701/191 B65H35/10



Family:

Publication number	Publication date	Application number	Application date
DE20100816 U1	20010913	DE20012000816U	20010117
DE20110680 U1	20020606	DE20012010680U	20010627

Priority:

DE20002021283U 20001215 DE20012000816U 20010117 DE20012010680U 20010627

Probable Assignee:

GORGS BAERBEL

Assignee(s): (std):

GORGS BAERBEL

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE20100816 U1	20010117	LSLI	R086	NON-BINDING DECLARATION OF LICENSING INTEREST	
DE20100816 U1	20010913	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20100816 U1	20010913	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 20010913
DE20100816 U1	20041111	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	Effective date: 20040803
DE20100816 U1	20110117	PEXP		Calculated Patent Term Expiry	
DE20110680 U1	20010627	LSLI	R086	NON-BINDING DECLARATION OF LICENSING INTEREST	
DE20110680 U1	20020606	LSGT	+	granted / extensions (spc, cpc, pte)	
DE20110680 U1	20020606	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 20020606
DE20110680 U1	20050407	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	Effective date: 20050101
DE20110680 U1	20110627	PEXP		Calculated Patent Term Expiry	

Title: Trash classification **collection** box group (Machine translation)

Abstract: Source: TW194363 S1 **Machine translation:** This creation has novel about one kind of modelling, harmonizes symmetrically, the fine artistic trash classification **collection** box group, is first creates also is suitable for the esthetic sense shape of in view of the similar goods. ; This creation provides one kind of trash classification **collection** box group model modelling design, is rests on goods itself the characteristic, but executes gives design the modelling, causes it to have the esthetic sense, to harmonize and outside the symmetry is being converted to, enables revealed fully the refined out of the ordinary novel creativity, makes our vision feel changed beyond recognition, exquisite and the nature the happy effect. ; Like the chart shows, characteristic of the this creation trash classification **collection** box group overall design may induce as follows generally: ; 1. Frame of body in this creation divides four small spaces, so as to the conformity four trash classification box, its both sides have sidewall of the triangle gap by a polygon to encircle symmetrically, the top assumes the roof shape generally, also supposes two scoop channels to enable in addition using of for the accommodation pot decoration environment beautification city's appearance, but it so as to then all around each establishment has the stub to support the overall weight. ; 2. Frame of body its sidewall on this creation the triangle gap is does not send the constitution towering feeling, after mainly is this various trashcans sets into sufficiently makes up this vacancy exactly, conduces toward favor esthetic sense of the display overall integrity. ; 3. Trashcan of the this creation picks the rail track type union coordination of with the body, imitates like the **drawer** to be possible to supply at the right moment advancement with to promote, is different with uses habitually it to make the state type. ; 4. Trashcan of the this creation is picks the color, the writing or the design distinguishes clearly trash classification as a means of, Chang Kesui individual is familiar with by chance changes willfully arranges the arrangement, may urge esthetic sense of firmly the visual feeling change. ; 5. Bonsai of the this creation also may change along with the solar terms, but at the right moment the hyperphoric change, imperceptibly suitable sufficiently unceasingly achieves the change outward appearance ornamented. ; The duty is, the comprehensive survey whole, this creation trash classification **collection** box group it passes through the careful design, not only enable its to have novel Ying different, sharp, harmonizes, modelling of the symmetry, unfolds esthetic sense of fully the industrial design before, moreover applies also not to see has same either is approximate the goods to see in the publication or the public use, or approves the patent in first the fact, thus originality solid also without a doubt, whence proposed legally application the new model patent, beseeches Hui Yu to examine and to kindly grant the patent, true feelings Germany then.

Classifications:



Family:

Publication number	Publication date	Application number	Application date
TW194363 S1	19921101	TW19920300359F	19920114

Legal status (INPADOC)

[View legal status timeline](#)

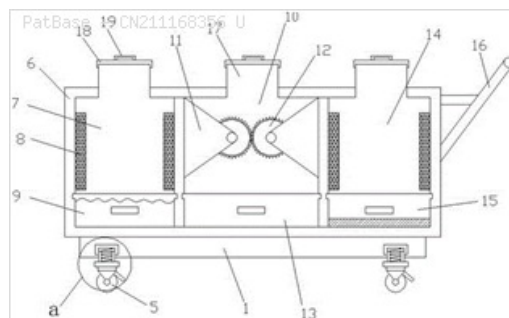
Patent	Date recorded	Event group	Code	Event	Details
TW194363 S1	19921101	LSGT	+	granted / extensions (spc, cpc, pte)	
TW194363 S1	20040114	PEXP		Calculated Patent Term Expiry	

Title: WASTE TEMPORARY STORAGE BOX FOR MEDICAL ANESTHESIA DEPARTMENT

Abstract: The utility model relates to a waste temporary storage box for the medical anesthesia department. Including a base, a positioning pipe is arranged in the upper part of the base; a sleeve is connected into the positioning pipe in an embedded manner; a damping spring is arranged in the sleeve; the top end of the damping spring is connected with the bottom of the positioning pipe; universal wheels are connected to the lower portions of the sleeves. A **collecting** box is connected to the upper portion of the base. A wet **garbage can** is arranged on one side in the **collecting** box; activated carbon layers are arranged on the two sides in the wet **garbage can**. A storage **drawer** is arranged below the wet **garbage can**; a crushing box is arranged on one side of the wet **garbage can**; a positioning plate is arranged on one side in the crushing box; one end of the positioning plate is connected with a smashing gear, a second storage **drawer** is arranged at the bottom of the smashing box, a fragile product **garbage can** is arranged on one side of the smashing box, a third storage **drawer** is arranged on the lower portion in the fragile product **garbage can**, the **collecting** box is divided into **garbage** cans for collecting different kinds of **garbage**, and therefore the **garbage can** be classified conveniently.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/14



Family:

Publication number	Publication date	Application number	Application date
CN211168356 U	20200804	CN201922013336U	20191120

Priority:

CN201922013336U 20191120

Probable Assignee: ZHANG CHENG WEIGHTING

Assignee(s): (std): ZHANG CHENGQUAN

Assignee(s): ZHANG CHENG WEIGHTING

Inventor(s): (std): LI GUANGRONG ; LIU JIMING ; ZHANG CHENGQUAN

Legal status (INPADOC)

[View legal status timeline](#)

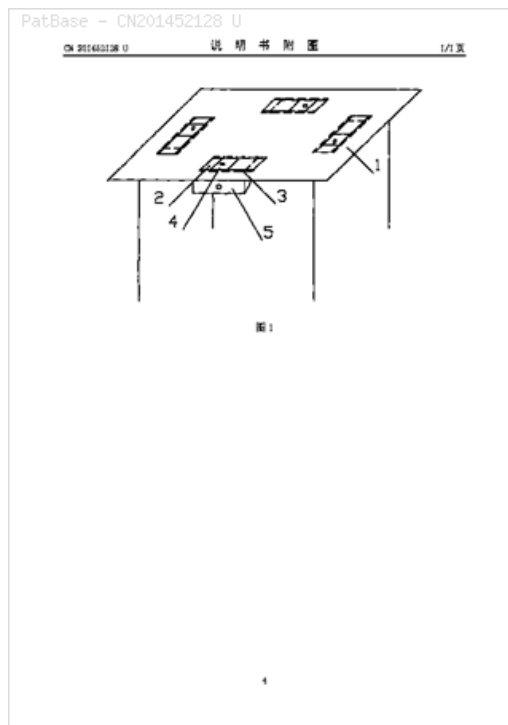
Patent	Date recorded	Event group	Code	Event	Details
CN211168356 U	20200804	LSGT	+	granted / extensions (spc, cpc, pte)	
CN211168356 U	20200804	LSGT	+GR01	PATENT GRANT	
CN211168356 U	20200804	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN211168356 U	20291120	PEXP		Calculated Patent Term Expiry	

Title: Food residue cleaning table

Abstract: The utility model relates to a food residue cleaning table, comprising a table top (1), **garbage** input holes (2) are arranged at all sides of the table top (1), sliding grooves (3) are arranged at two sides of the **garbage** input hole (2), a closed cap (4) **can** slide in a sliding groove (3), **drawers** (5) are arranged below the sides of the table top (1), and the **drawer** opening of the **drawers** (5) is justly opposite to the **garbage** input hole (2); the food residue cleaning table has the advantages that when having dinner, the closed cap is pulled to be open, the food residue is thrown in the **drawers** through the **garbage** input hole, and then the closed cap is closed, so as to keep the table top to be clean all the time; after dining is carried out, the **drawers** are pulled out, the food residue **can** be processed in a **collecting** way, the structure is simple and the usage is sanitary and convenient.

Classifications:

International (IPC 8-9): A47B13/00 A47B31/00



Family:

Publication number	Publication date	Application number	Application date
CN201452128 U	20100512	CN200920087569U	20090727

Priority:

CN200920087569U 20090727

Probable Assignee:	ZIHANG DING
Assignee(s): (std):	ZIHANG DING
Assignee(s):	DING ZIHANG
Inventor(s): (std):	ZIHANG DING
Inventor(s):	DING ZIHANG

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN201452128 U	20100512	LSGT	+	granted / extensions (spc, cpc, pte)	
CN201452128 U	20100512	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN201452128 U	20110928	LSLE	-C17	CESSATION OF PATENT RIGHT	
CN201452128 U	20190727	PEXP		Calculated Patent Term Expiry	

Title: HOUSEHOLD WASTE CONTAINER, WHICH ENABLES ORGANIC WASTE TO BE COMPOSTED

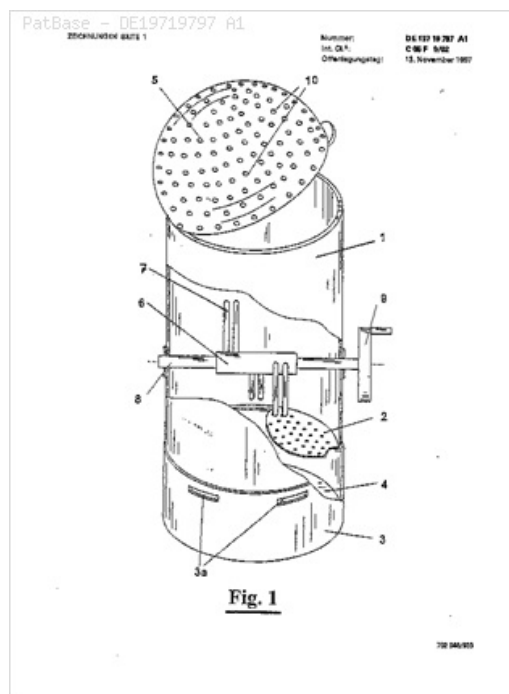
Abstract: A container for household waste, which allows organic waste to compost, comprises a tubular member (1) which has a bath (3) which **can** be separated and which is used to **collect** liquid. The container has a lid (5) with small air holes (10) and a mixing unit (6-8) is located in the member.

Classifications:

International (IPC 8-9): C05F17/02

International (IPC 1-7): C05F9/02

CPC: C05F17/907 Y02P20/145 Y02W30/40



Family:

Publication number	Publication date	Application number	Application date
DE19719797 A1	19971113	DE19971019797	19970510
ITPI960027 A0	19960510	IT1996PI00027	19960510
ITPI960027 A1	19971110	IT1996PI00027	19960510

Priority:

IT1996PI00027 19960510

Probable Assignee: JACOVELLA LUCE

Assignee(s): (std): JACOVELLA LUCE ; LUCE JACOVELLA

Assignee(s): LUCE JACOVELLA PRATO IT

Inventor(s): (std): JACOVELLA LUCE ; LUCE JACOVELLA

Inventor(s): LUCE JACOVELLA PRATO IT

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE19719797 A1	19971113	LSPB	+	published / reissued	
DE19719797 A1	19991230		8128	NEW PERSON/NAME/ADDRESS OF THE AGENT	PartyType: representative Representative: LEWANDOWSKY, K., Dipl.-Ing., Pat.-Anw., 73342 BAD
DE19719797 A1	20000907	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
ITPI960027 A1	19971110	LSPB	+	published / reissued	
ITPI960027 A1	20000221	LSRV	0002	REJECTED	

Title: STACKABLE DOMESTIC CONTAINER. (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Stackable domestic container, intended for the classification of domestic waste for subsequent recycling, which being of the **drawer** type, is formed by an outer casing (1) fig. 1 square plant. Inside, it houses a system of rods (3) and (4) fig. 2 and 3, arranged in pairs two to two symmetrical, acting as a deformable parallelogram, to move the support on which the tank (5) is located. Each pair of rods, limit the displacement of the bucket, making a stop between them when closing, or with the housing when opening the **drawer**. These connecting rods (3) and (4) are fixed by means of lugs in their lower part, to holes that exist in the sides of the housing (1), on which they rotate. To prevent the lugs from coming out of the holes, there are axially arranged distance (7) fig. 2 and also synchronize the movement, so that the pairs of rods move at a time. In the upper part of these pairs of connecting rods, there are other lugs on which the support (2) fig. 3 and 4 of the tank (5) rest. To prevent the upper lugs from coming out of their housing in the tray support, quick-locking washers for shafts (6) fig. 3 are placed, which hold the shaft in the axial direction, allowing freedom in the radial direction. The support of the cuvette, which has slots and projections for the correct situation and fixation of the cuvette, is in turn the element on which the front cover (8) fig. 4 of the furniture and the handle or handle is fixed (9), using thyme. in fig. 5 the exploded assembly of all the elements **can** be seen. Fig. 6 shows the extraction of the tray from the inside of the **drawer**, the latter being in its situation in fig. 7. Fig. 8 shows the stacking of two containers. because the opening of the container is frontal, stacking several containers, we cover the different types of waste, and in the space occupied by a **garbage can**, we **can** place as many containers as we want to classify the types of waste. this container could be encastrado as part of the kitchen furniture, since its dimensions are compatible with said furniture, besides being able to adapt aesthetically because its front is interchangeable. (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/12

International (IPC 1-7): B65F1/12

PatBase - ES1058341 UA

ES 1 058 341 U

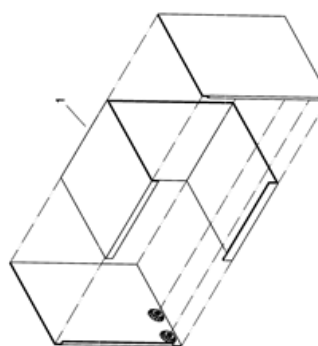


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
ES1058341 UA	20041201	ES20040002099U	20040910
ES1058341 Y1	20050316	ES20040002099U	20040910

Priority:

ES20040002099U 20040910

Probable Assignee:

MORENO RAMON FRANCISCO

Assignee(s): (std):

MORENO RAMON FRANCISCO

Inventor(s): (std):

MORENO RAMON FRANCISCO

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1058341 UA	20041201	LSPB	+	published / reissued	
ES1058341 Y1	20050316	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1058341 Y1	20050316	LSGT	+FG1K	UTILITY MODEL GRANTED	
ES1058341 Y1	20130920	LSLE	-FD1K	UTILITY MODEL LAPSED	Effective date: 20130920
ES1058341 Y1	20140910	PEXP		Calculated Patent Term Expiry	

Title: Universal Furniture Cooking (Machine translation)

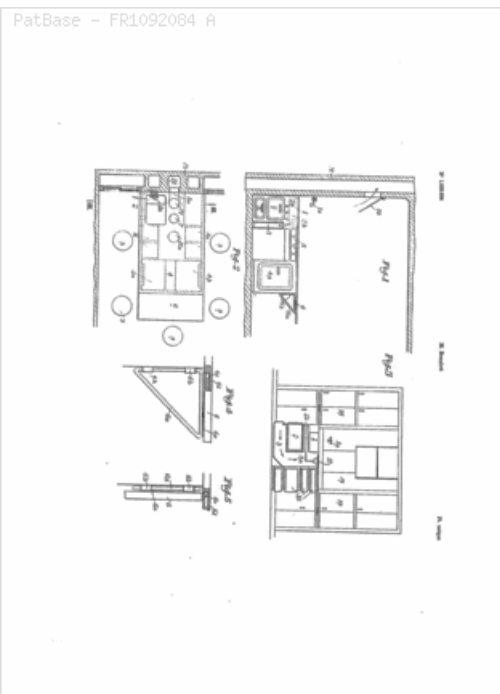
Abstract: Source: FR1092084 A **Machine translation:** [Source: Claim 1] SUMMARY This cabinet, for both the conservation and the preparation of food and the service of meals, is characterized by the following points, take deres isolating or in all combinations compa could together 10 It has the shape of an office of large dimensions, among whom you **can** sit on each side, and it includes a one end of the organs of electrical heating fage, preferably, on the other end a refrigerator; 20 A sink is installed in one of the two portions of the cabinet, preferably on the extreme com taking heaters; 30 a **garbage** bin, with vent duct, is disposed in one of the two parts of the extreme Cabinet, and preferably in that comprising the sink and organs of heating; 40 A folding extension is disposed at the end of the cabinet, preferably at the end of the portion of the cabinet comprising the refrigerator; This extension 50 is hinged folding so as to fold back under the extreme edge of the cabinet; 60 The Cabinet is preferably disposed such that its end having the sink, electric heating components, and the vent pipe of the adosse **garbage** bin, or a wall, facing a conduit of smoke; 70 The Cabinet is preferably used in combination with adosses at this wall cupboards combi; 80 heating components include an electric furnace opening on one of the Side of the cabinet and hot plates and rechauds disposed along the longitudinal axis of the cabinet; 9() has a dryer Tea towels is disposed along the electric furnace; 100 a cupboard or **drawers** are disposed of the rear electric furnace and open on the other side of the cabinet; 110 The refrigerator comprises two cabinets opening@on either side of the cabinet, and a meca refrigeration mechanism between these two cabinets.

Classifications:

International (IPC 8-9): A47B77/08

International (IPC 1-7): A47B77/02

CPC: A47B77/08



Family:

Publication number	Publication date	Application number	Application date
FR1092084 A	19550418		19540128

Inventor(s): (std): BEAUFRET CHARLES

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR1092084 A	19550418	LSGT	+	granted / extensions (spc, cpc, pte)	
FR1092084 A	19740128	PEXP		Calculated Patent Term Expiry	

Title: Improvements in or relating to domestic sinks

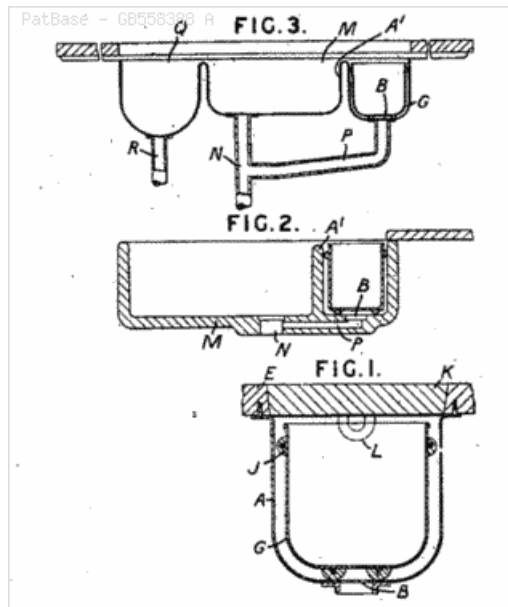
Abstract: 4242. [Class 26] [Also in Group VI] A **garbage** receptacle for use in combination with and at the side of a domestic sink comprises a basin A and a container G, having perforations in the middle of the bottom, which fits into the basin and has distance pieces J thereon, whereby a free air-space is provided between the walls and bottom of the container and the basin, the bottom of the basin being provided with an outlet opening B, independent of the sink outlet, for draining liquid away from the **garbage** in the container, so that such liquid is prevented from entering the sink. The basin may be secured to the underside of a draining board E below an aperture therein, said aperture having a lid K the surface of which lies flush with the surface of the draining board. The basin may, alternatively, be arranged in a corner of or at the side of the sink M, Figs. 2 and 8, the top of the partition A¹ between sink and basin being below the level of the sink top, so that the basin forms an overflow chamber for the sink. The outlet B from the basin may be connected by a passage P to the sink outlet N, said passage being formed in the base of the unit, as shown in Fig. 2 so that only one waste pipe fitting is necessary, or separate pipes may be employed as shown in Fig. 3. A rinsing basin Q, Fig. 3, may be arranged at the side of the sink opposite to the basin A, the outlet pipe R from the rinsing basin being quite separate, or being connected to the sink outlet pipe N. The basin A may be provided with oppositely disposed bearing members L, Fig. 1, for the reception of trunnions or stub shafts of a rotary drum scraper for potatoes or other vegetables, in substitution for the **garbage** container. The scraper may be in the form of a metal drum having inwardly directed rasp teeth formed by punching out tongues of the metal. Reference has been directed by the Comptroller to Specification 339,467, [Class 26].

Classifications:

International (IPC 8-9): E03C 1/26

International (IPC 1-7): E03C 1/26

CPC: E03C 1/26



Family:

Publication number	Publication date	Application number	Application date
GB558388 A	19440104	GB19420004242	19420330

Priority:

GB19420004242 19420330

Probable Assignee:

ROBERT JOHN ENYS SINCOCK

Assignee(s): (std):

ROBERT JOHN ENYS SINCOCK

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
GB558388 A	19440104	LSGT	+	granted / extensions (spc, cpc, pte)	
GB558388 A	19620330	PEXP		Calculated Patent Term Expiry	

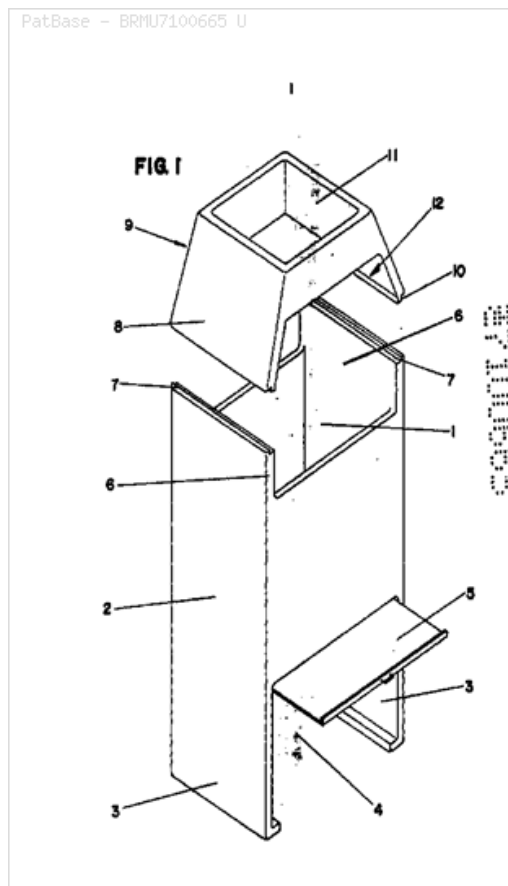
Title: DUMPSTER/PLANT STAND (Machine translation)

Abstract: Source: BRMU7100665 U **Machine translation:** [Source: Claim 1] 1) "DUMP/FLOWER POT", characterized by the fact of understanding body vertical box (1) f whose side walls (2) present 05 extensions below * way to pas (3), among which a access (4), where the bottom of the box (2) presents itself in the form of sliding **drawer** (5), and, yet, these sides (2) extend also also in the upper extremities (6), where there are 10 slots (7) of settlement for the legs or tilted or inside obliquados pas (8) a complement (9), pas. these tambam gifted with suitable fittings (10) and the upper part of such add-on has a compartment that configures 15 actual flower bed (11), below which form free openings (12), anterior and posterior, launch access of trash inside the box #» •••:: MM # e •• M*••••• * M \$: ' • ' * » - ' •• | * * E • * 1 • ' a » (Da

Classifications:

International (IPC 8-9): B65F1/14

International (IPC 1-7): B65F1/14



Family:

Publication number	Publication date	Application number	Application date
BRMU7100665 U	19920609	BR1991MU00665U	19910404

Priority:

BR1991MU00665U 19910404

Probable Assignee: PROMIDIA CRIACAO E PROPAGANDA
Assignee(s): (std): PROMIDIA CRIACAO E PROPAGANDA
Assignee(s): PROMIDIA CRIACAO E PROPAGANDA LTDA
Inventor(s): (std): LAURIA MARCO ANTONIO CASSALI
Inventor(s): MARCO ANTONIO CASSALI LAURIA

Legal status (INPADOC)

[View legal status timeline](#)

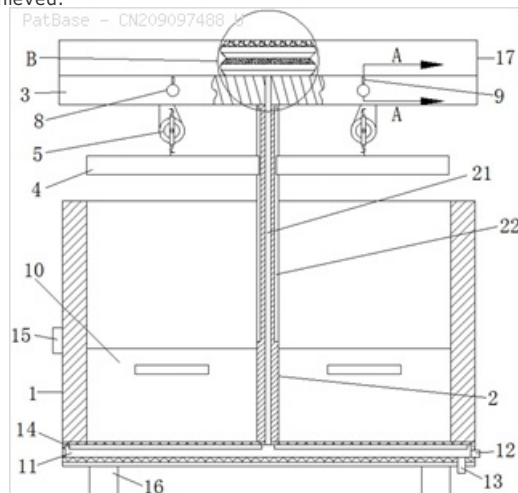
Patent	Date recorded	Event group	Code	Event	Details
BRMU7100665 U	19920609	LSPB	+	published / reissued	
BRMU7100665 U	19950321	LSLE	-FD3	APPL. LAPSED DUE TO NON-PAYMENT OF RENEWAL FEE	

Title: RAINWATER **COLLECTION** MULTIFUNCTIONAL **GARBAGE CAN**

Abstract: The utility model discloses a multifunctional **garbage can** capable of **collecting** rainwater. The **garbage can** comprises a **can** body, a **can** shaft, a **can** cover, two pressing plates, a handle, two **drawers**, two plug pins and two supporting rods. The movable pulley is operated by the handle to drive the pressing plate to move up and down. Fluffy **garbage** is compacted through the pressing plate, and it is guaranteed that the effective space of the **garbage can** is utilized to the maximum extent. And meanwhile, a cleaner is prevented from cleaning the **garbage can** for multiple times, and the burden of the cleaner is relieved. When the **garbage can** is filled with **garbage**, only the **drawer** needs to be pulled outwards, and the **garbage** in the **drawer** is poured out. The **garbage** dumping method is convenient and fast. Rainwater is filtered layer by layer through the cobblestone layer, the first mesh filtering layer, the fine sand layer and the second mesh filtering layer, and the filtered rainwater is **collected** to be used for subsequent irrigation. Therefore, repeated utilization of water resources is achieved, and meanwhile multifunctionality of application of the **garbage can** is achieved.

Classifications:

International (IPC 8-9): B65F1/12 B65F1/14 B65F1/16



Family:

Publication number	Publication date	Application number	Application date
CN209097488 U	20190712	CN201821891982U	20181116

Priority:

CN201821891982U 20181116

Probable Assignee: UNIV INNER MONGOLIA TECHNOLOGY

Assignee(s): (std): INNER MONGOLIA UNIV OF TECHNOLOGY ; UNIV INNER MONGOLIA TECHNOLOGY

Inventor(s): (std): WU YUANYUAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN209097488 U	20190712	LSGT	+	granted / extensions (spc, cpc, pte)	
CN209097488 U	20190712	LSGT	+GR01	PATENT GRANT	
CN209097488 U	20190712	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN209097488 U	20201030	LSLE	-CF01	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE	
CN209097488 U	20201030	LSLE	-CF01	未缴年费专利权终止	Text: 专利权的终止 (Termination of Patent Right) Effective date: 20191116
CN209097488 U	20281116	PEXP		Calculated Patent Term Expiry	

Title: PERFECT PEELER PLUS TABLE

Abstract: A folding table having a hole in the table top is combined with a fruit and vegetable peeler. The table may include a plastic bag retained within and under the hole for containing peelings therein, or may include a variety of other containers in alternative embodiments. In one such alternative embodiment, the table and peeler are combined with a sink and **garbage** disposal, whereby the peelings may pass freely through the table and ultimately through the **garbage** disposal. The table is preferably constructed of materials and components that are easily cleaned, offer stain resistance, and which may be compactly stored.

Classifications:

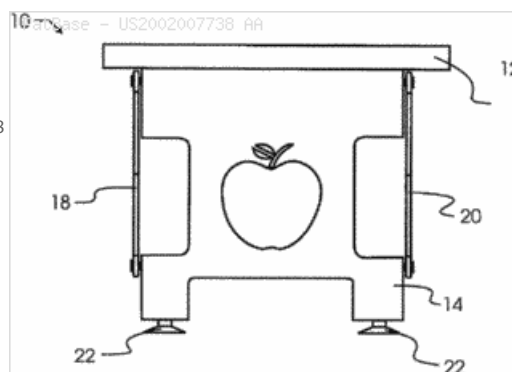
International (IPC 8-9): A47J17/00 A47J17/16 A47J47/00 A47J47/20

International (IPC 1-7): A23N7/00 A23N7/08 A47J17/00 A47J17/04

A47J17/00 A47J17/04 A47J4/328 A47J43/28

CPC: A47J17/16 A47J47/20

US: 108/26 99/542 99/584 99/588 99/588P 99/589 99/593 99/595 99/598 99/599 99/5420



Family:

Publication number	Publication date	Application number	Application date
US2002007738 AA	20020124	US20010904406	20010712
US6347581 BA	20020219	US20010904406	20010712
US6347581 BB	20020219	US20010904406	20010712

Priority:

US20000218011P 20000712

US20010904406 20010712

Probable Assignee:

SAHLI JANET M

Assignee(s): (std):

SAHLI JANET M ; SAHLI MICHAEL J

Inventor(s): (std):

SAHLI JANET M ; SAHLI MICHAEL J

Inventor(s):

JANET M SAHLI ; MICHAEL J SAHLI

Agent(s):

ALBERT W WATKINS

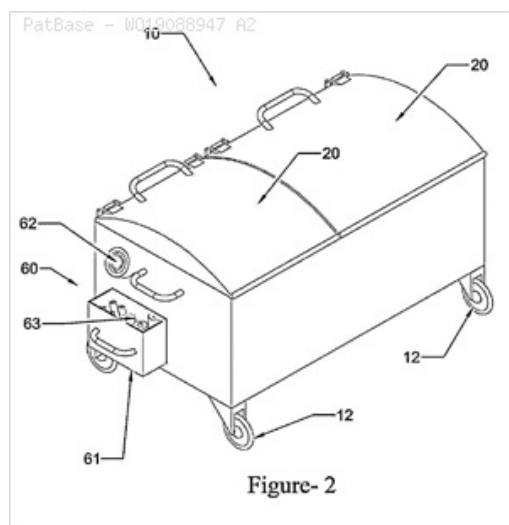
Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US2002007738 AA	20020124	LSPB	+	published / reissued	
US2002007738 AA	20020201	LSGT	PAT1	Patented Case	
US2002007738 AA	20020201	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US6347581 BA	20020219	LSGT	+	granted / extensions (spc, cpc, pte)	
US6347581 BA	20210712	PEXP		Calculated Patent Term Expiry	
US6347581 BB	20020219	LSGT	+	granted / extensions (spc, cpc, pte)	
US6347581 BB	20050817	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US6347581 BB	20090611	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US6347581 BB	20130821	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 12
US6347581 BB	20130821		+SULP	SURCHARGE FOR LATE PAYMENT	Year of fee payment: 11
US6347581 BB	20210712	PEXP		Calculated Patent Term Expiry	

Title: THREE-IN-ONE RECYCLE CONTAINER

Abstract: Each chamber in the container is designed to hold its own type of waste material and emptied independently from one another. The characteristic feature of the container (10) is that it has at least one recyclable solid waste chamber (30) with an independent, lockable hatch (20); at least one non-recycled waste chamber (40) with an independent, lockable hatch (20); at least one liquid oil chamber (50) with a conic shaped oil fill pipe (52) which gets narrower towards the oil reservoir (53); at least one batteries chamber (60) with at least one battery entry hole (62) which allows the disposal of used batteries into batteries box (63) but disallows them to drop out.

Classifications:**International (IPC 8-9):** B65D1/00 B65F1/00 B65F1/14**CPC:** B65F1/00 B65F1/0053 B65F1/10 B65F1/1615 B65F2001/1676 B65F2240/108 B65F2240/152 B65F2240/156 Y02W30/64**Family:**

Publication number	Publication date	Application number	Application date
TR201706682 U	20170721	TR20170006682U	20170505
TR201706682 U3	20190121	TR20170006682U	20170505
TR201706682 U5	20170721	TR20170006682U	20170505
TR201706682 Y	20190923	TR20170006682U	20170505
WO19088947 A2	20190509	WO2018TR50209	20180504
WO19088947 A3	20190801	WO2018TR50209	20180504

Priority:

TR20170006682U 20170505 TR20170006682 20170505

Probable Assignee: ELLIDOKUZOGLU MUSTAFA SAVAS**Assignee(s):** (std): ELLIDOKUZOGLU MUSTAFA SAVAS ; MUSTAFA SAVAS ELLIDOKUZOGLU**Inventor(s):** (std): ELLIDOKUZOGLU MUSTAFA SAVAS ; MUSTAFA SAVAS ELLIDOKUZOGLU**Agent(s):** YAVUZ TIRYAKIOGLU; YILDIRIM MEHMET ENES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

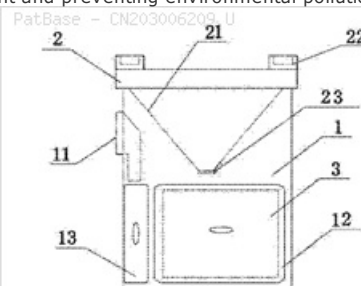
Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
TR201706682 U	20170721	LSGT	+	granted / extensions (spc, cpc, pte)	
TR201706682 U	20270505	PEXP		Calculated Patent Term Expiry	
TR201706682 U5	20170721	LSPB	+	published / reissued	
TR201706682 Y	20190923	LSGT	+	granted / extensions (spc, cpc, pte)	
TR201706682 Y	20270505	PEXP		Calculated Patent Term Expiry	
WO19088947 A2	20190509	LSPB	+	published / reissued	
WO19088947 A3	20191106	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO19088947 A3	20200805	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Ref document number: 18872542 Kind code of Ref document: A2 Country of Ref document: EP

Title: PULL TYPE SEALED **GARBAGE CAN**

Abstract: The utility model discloses a pull type sealed **garbage can**, which comprises a **can** body, a top cover and a **garbage** receiving hopper, wherein the top cover is movably connected to the upper part of the **can** body; the **garbage** receiving hopper is placed in the **can** body; a waste battery hole and a **garbage drawer** cover plate are arranged on the side surface of the **can** body; the **garbage drawer** cover plate is fixedly connected with the **garbage** receiving hopper; a **garbage** hopper is arranged on the top cover; the **garbage** hopper is inverted V-shaped; the lower port of the **garbage** hopper is positioned above the **garbage** receiving hopper; and an elastic sealing cover plate is arranged at the lower port of the **garbage** hopper. The pull type sealed **garbage can** is simple and beautiful in structure, good in sealing property and convenient for **garbage collection** and dumping, is sealed, **can** be used for separate **collection** of **garbage**, is convenient and sanitary to clean, easy to manufacture and low in cost, and is favorable for keeping clean surrounding environment and preventing environmental pollution.

Classifications:**International (IPC 8-9):** B65F1/00 B65F1/14**CPC:** Y02W30/10**Family:**

Publication number	Publication date	Application number	Application date
CN203006209 U	20130619	CN201220606932U	20121116

Priority:

CN201220606932U 20121116

Probable Assignee: DAONAN MIDDLE SCHOOL NANCHUAN CHONGQING**Assignee(s):** (std): DAONAN MIDDLE SCHOOL NANCHUAN CHONGQING**Inventor(s):** (std): PI QIYI**Legal status (INPADOC)**[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN203006209 U	20130619	LSGT	+	granted / extensions (spc, cpc, pte)	
CN203006209 U	20130619	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN203006209 U	20141231	LSLE	-C17	CESSATION OF PATENT RIGHT	
CN203006209 U	20221116	PEXP		Calculated Patent Term Expiry	

Title: Sanitary bird house

Abstract: This invention relates to a closed type of sanitary bird house comprises a body part including a frame provided with slide grooves formed, and transparent viewing side walls, a base support located under the body part to hold the body part, a door member provided as a cover of the body part, an inclined bottom plate, and a discharging system, wherein the discharging system operates to remove the **garbage**, bad smell and the impure air in the bird house and the closed transparent viewing walls prevent the foul air in the bird house from streaming into users' room, so that the inside and outside environment of the sanitary bird house may be maintained clean and the users may enjoy the observation of the pet birds through the transparent viewing walls.

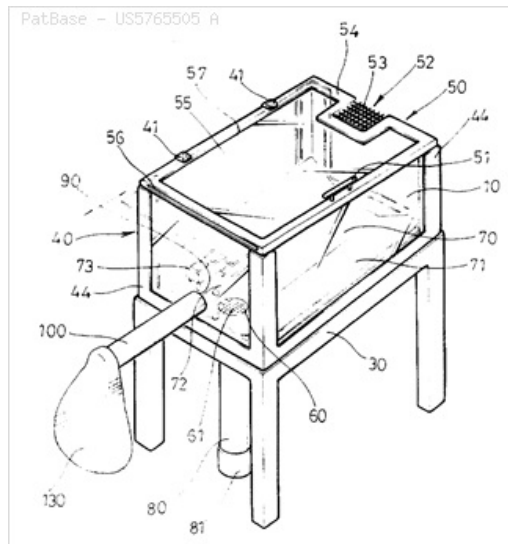
Classifications:

International (IPC 8-9): A01K1/02 A01K1/03 A01K31/00 A01K31/06 A01K31/24

International (IPC 1-7): A01K31/04 A01K31/06 A01K31/24

CPC: A01K1/0052 A01K31/04 A01K31/06 B65D85/50 A01K1/031

US: 119/432 119/458 119/459 119/479



Family:

Publication number	Publication date	Application number	Application date
KR0130893 Y1	19981201	KR19960011167U	19960508
KR19970060265 U	19971210	KR19960011167U	19960508
KR200130893 Y1	19981201	KR19960011167U	19960508
KR970060265 U	19971210	KR19960011167U	19960508
KR19980060171 U	19981105	KR19970004188U	19970307
KR200145594 Y1	19990615	KR19970004188U	19970307
US5765505 A	19980616	US19970853067	19970508

Priority:

KR19960011167U 19960508 KR19970004188U 19970307

Probable Assignee: YOUN CHANG KEUN

Assignee(s): (std): YOUN CHANG KEUN ; YUN CHANG KEUN

Assignee(s): YUN CHANG GEUN

Inventor(s): (std): YOUN CHANG KEUN ; YUN CHANG GEUN ; YUN CHANG KEUN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
KR0130893 Y1	19960508	LSSES	A201	REQUEST FOR EXAMINATION	
KR0130893 Y1	19980623	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR0130893 Y1	19980910		+REGI	REGISTRATION OF ESTABLISHMENT	
KR0130893 Y1	19981201	LSGT	+	granted / extensions (spc, cpc, pte)	
KR0130893 Y1	20030913	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20030915 Year of fee payment: 6
KR0130893 Y1	20040911	LSLE	-LAPS	LAPSE DUE TO UNPAID ANNUAL FEE	
KR0130893 Y1	20060508	PEXP		Calculated Patent Term Expiry	
KR19970060265 U	19971210	LSPB	+	published / reissued	

KR19980060171 U	19981105	LSPB	+	published / reissued	
KR200130893 Y1	19981201	LSGT	+	granted / extensions (spc, cpc, pte)	
KR200130893 Y1	20060508	PEXP		Calculated Patent Term Expiry	
KR200145594 Y1	19970307	LSSES	A201	REQUEST FOR EXAMINATION	
KR200145594 Y1	19981130	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF PATENT RIGHT	
KR200145594 Y1	19990219		+REGI	REGISTRATION OF ESTABLISHMENT	
KR200145594 Y1	19990615	LSGT	+	granted / extensions (spc, cpc, pte)	
KR200145594 Y1	20040221	LSFE	FPAY	ANNUAL FEE PAYMENT	Payment date: 20040223 Year of fee payment: 6
KR200145594 Y1	20050220	LSLE	-LAPS	LAPSE DUE TO UNPAID ANNUAL FEE	
KR200145594 Y1	20070307	PEXP		Calculated Patent Term Expiry	
KR970060265 U	19971210	LSPB	+	published / reissued	
US5765505 A	19980616	LSGT	+	granted / extensions (spc, cpc, pte)	
US5765505 A	20011213	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US5765505 A	20060104		REMI	MAINTENANCE FEE REMINDER MAILED	
US5765505 A	20060616	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5765505 A	20060719	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5765505 A	20060719	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US5765505 A	20060815	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20060616
US5765505 A	20170508	PEXP		Calculated Patent Term Expiry	

Title: WASTE CONTAINER, IN PARTICULAR MADE OF STAINLESS STEEL

Abstract: The invention relates to a waste container, in particular made from stainless steel, whose wall consists of two half-shells (13a, 13b) which are connected at the top by a circumferential rail (19) and, in the first embodiment, are held together at the bottom by one or preferably two reinforcing hoops (17), the reinforcing hoop(s) serving as a securing means for a removable collecting pan (15) which forms the bottom of the waste container, and in a second embodiment the half-shells are tightly bonded, at the bottom, to the bent-over edge (11) of the base (10) made of the same material as the half-shells. The rail (19) is designed as an angled section of metal or plastic whose horizontal leg (19a) serves as a bearing device for the insertion of the waste container into a retaining device, and whose vertical leg (19b) serves as a reinforcement of the wall of the waste container and to receive at least one articulated carrying handle (14) which can be folded against the horizontal leg (19a) and thus serves to fix a waste container bag. The waste container has a circular or square cross-section which preferably tapers somewhat from top to bottom.

Classifications:

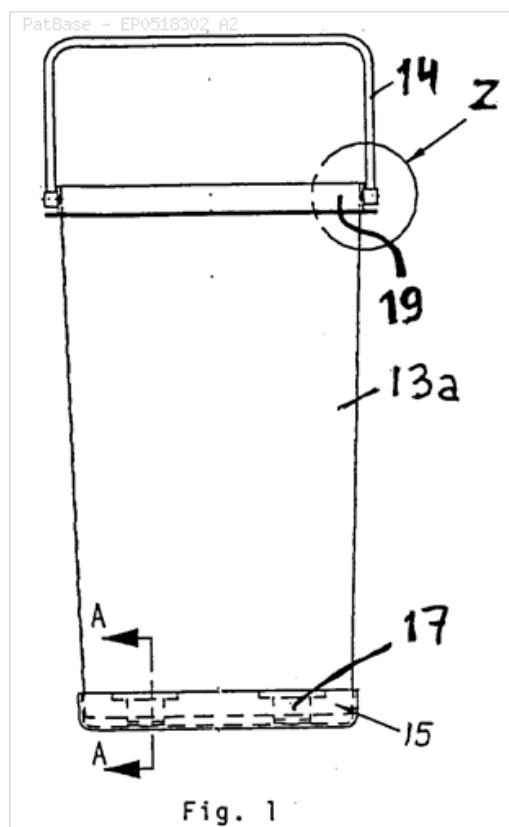
International (IPC 8-9): B65D8/04 B65F1/00 B65F1/02 B65F1/14

International (IPC 1-7): B65D8/04 B65F1/00 B65F1/02 B65F1/14

CPC: B65F1/02 B65F1/06 B65F2250/11 B65F2250/112

JP F-Term: 3E023 3E023/GA05 3E023/GB02 3E023/GC04

JP F-Index: B65F1/00@C B65F1/14@E



Family:

Publication number	Publication date	Application number	Application date
AT120710 E	19950415	AT19920109781T	19920609
DE9107137 U1	19910905	DE19910007137U	19910610
DE9204309 U1	19920625	DE19920004309U	19920330
EP0518302 A2	19921216	EP19920109781	19920609
EP0518302 A3	19930120	EP19920109781	19920609
EP0518302 B1	19950405	EP19920109781	19920609
JP2586123 Y2	19981202	JP19920039375U	19920609
JP5014001 U1	19930223	JP19920039375U	19920609

Priority:

DE19910007137U 19910610 DE19920004309U 19920330

Probable Assignee: BULTHAUP GMBH AND CO KUECHENSYSTEME

Assignee(s): (std): BULTHAUP GMBH AND CO ; BULTHAUP GMBH AND CO KUECHENSYST

Assignee(s): BULTHAUP GMBH AND CO 8318 AICH DE ; BULTHAUP GMBH AND CO KUECHENSYSTEME

Inventor(s): (std): GOTTANKA MARTIN ; LANGER OTTO

Designated states: AT BE CH ES FR IT LI NL

Legal status (INPADOC)

View legal status timeline

Patent	Date recorded	Event group	Code	Event	Details
AT120710 E	19950415	LSGT	+	granted / extensions (spc, cpc, pte)	

AT120710 E	20030315	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT120710 E	20120609	PEXP		Calculated Patent Term Expiry	
DE9107137 U1	19910905	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9107137 U1	20010610	PEXP		Calculated Patent Term Expiry	
DE9204309 U1	19920625	LSGT	+	granted / extensions (spc, cpc, pte)	
DE9204309 U1	20020330	PEXP		Calculated Patent Term Expiry	
EP0518302 A2	19921216	LSPB	+	published / reissued	
EP0518302 A2	19921216		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A2 Country of Ref document: AT BE CH ES FR IT LI NL
EP0518302 A3	19930120		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A3 Country of Ref document: AT BE CH ES FR IT LI NL
EP0518302 A3	19930825	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 19930628
EP0518302 A3	19931118	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 19930927
EP0518302 A3	19950118	LSAS	RAP1	PARTY DATA CHANGED (APPLICANT DATA CHANGED OR RIGHTS OF AN APPLICATION TRANSFERRED)	Owner: BULTHAUP GMBH & CO. KUECHENSYSTEME PartyType: owner
EP0518302 B1	19950405	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0518302 B1	19950405		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE CH ES FR IT LI NL
EP0518302 B1	19950405	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19950405 Country of Ref document: BE
EP0518302 B1	19950405	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19950405 Country of Ref document: FR
EP0518302 B1	19950405	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19950405 NotificationOfLapse: THE PATENT HAS BEEN ANNULLED BY A DECISION OF A NATIONAL AUTHORITY Country of Ref document: ES
EP0518302 B1	19950405	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19950405 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP0518302 B1	19950405		REF	CORRESPONDS TO:	Kind code of Ref document: T Date of Ref document: 19950415 Ref document number: 120710 Country of Ref document: AT
EP0518302 B1	19950619		+ITF	IT: TRANSLATION FOR A EP PATENT FILED	PartyType: owner Owner: ORGANIZZAZIONE D'AGOSTINI

EP0518302 B1	19950901		-EN	FR: TRANSLATION NOT FILED	
EP0518302 B1	19951002	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	Ref country code: EP
EP0518302 B1	19960327	LSGT	+26N	NO OPPOSITION FILED	
EP0518302 B1	20010622	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 10 Payment date: 20010622 Country of Ref document: AT
EP0518302 B1	20010622	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Payment date: 20010622 Year of fee payment: 10 Country of Ref document: CH
EP0518302 B1	20020609	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20020609 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: AT
EP0518302 B1	20020630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20020630 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP0518302 B1	20020630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20020630 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: IT
EP0518302 B1	20030214	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP0518302 B1	20050609	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20050609 Country of Ref document: IT
EP0518302 B1	20050609	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20050609 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES; WARNING: LAPSES OF ITALIAN PATENTS WITH EFFECTIVE DATE BEFORE 2007 MAY HAVE OCCURRED AT ANY TIME BEFORE 2007. THE CORRECT EFFECTIVE DATE MAY BE DIFFERENT FROM THE ONE RECORDED. Country of Ref document: IT
EP0518302 B1	20120609	PEXP		Calculated Patent Term Expiry	
JP2586123 Y2	19981202	LSPB	+	published / reissued	
JP5014001 U1	19930223	LSPB	+	published / reissued	

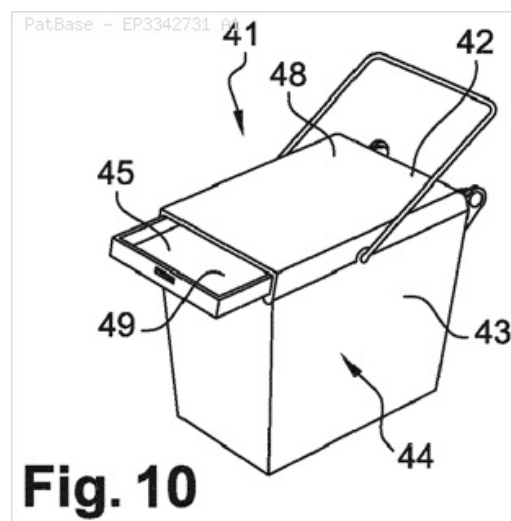
Title: INTERIOR WASTE RECEPTACLE WITH ENCLOSURE FOR BAGS

Abstract: Source: EP3342731 A1 [FR] Poubelle d'interieur (41) comportant un couvercle (42) et un conteneur (43) ayant des parois laterales (44), caracterisee en ce qu'elle comporte en outre un logement (45) pour des sacs, le logement (45) etant situe sur la face exterieure du couvercle (42) ou d'une paroi laterale (44) du conteneur (43).

Classifications:

International (IPC 8-9): B65F1/06 B65F1/14

CPC: B65F1/062



Family:

Publication number	Publication date	Application number	Application date
EP3342731 A1	20180704	EP20170209030	20171220
FR3061485 A1	20180706	FR20160063535	20161229
FR3061485 B1	20201030	FR20160063535	20161229

Priority:

FR20160063535 20161229

Probable Assignee: CIE PLASTIC OMNIUM

Assignee(s): (std): CIE PLASTIC OMNIUM ; PLASTIC OMNIUM CIE

Assignee(s): PLASTIC OMNIUM COMP

Inventor(s): (std): TROTON JEAN

Inventor(s): JEAN TROTON

Agent(s): LLR

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
EP3342731 A1	20180704	LSPB	+	published / reissued	
EP3342731 A1	20180704		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: 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
EP3342731 A1	20180704		+AV	REQUEST FOR VALIDATION OF THE EUROPEAN PATENT	Country of Ref document: MA MD TN
EP3342731 A1	20180704		+AX	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT	Country of Ref document: BA ME
EP3342731 A1	20190220	LSSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 20190104
EP3342731 A1	20190220	LSAS	RAP1	RIGHTS OF AN APPLICATION TRANSFERRED	Owner: PLASTIC OMNIUM SYSTEMES URBAINS PartyType: owner
EP3342731 A1	20190220		+RBV	DESIGNATED CONTRACTING STATES (CORRECTED)	Country of Ref document: 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
EP3342731 A1	20190227	LSSES	+17Q	FIRST EXAMINATION	Effective date: 20190129

REPORT DESPATCHED					
EP3342731 A1	20200115	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 20190809
FR3061485 A1	20171219	LSFE	+PLFP	FEE PAYMENT	Year of fee payment: 2
FR3061485 A1	20180706	LSPB	+	published / reissued	
FR3061485 A1	20180706	LSES	PLSC	SEARCH REPORT READY	Effective date: 20180706
FR3061485 A1	20180706		SC	SEARCH COMPLETED	
FR3061485 A1	20180706		SC	SEARCH COMPLETED	BOPI Date: 2018-27
FR3061485 A1	20181220		CA	Changement d'adresse du titulaire (CHANGE OF ADDRESS)	
FR3061485 A1	20181220		CA	Changement d'adresse du titulaire (CHANGE OF ADDRESS)	Registered Number: 0225478 BOPI Date: 2019-07
FR3061485 A1	20181220	LSFE	+PLFP	Fee Payment (FEE PAYMENT)	Year of fee payment: 3 Payment date: 20181220
FR3061485 A1	20181220		TO	Transmission totale de propriété (Total transfer of ownership)	
FR3061485 A1	20181220		TO	Transmission totale de propriété (Total transfer of ownership)	BOPI Date: 2019-07 Registered Number: 0225480
FR3061485 A1	20191230	LSFE	+PLFP	Fee Payment (FEE PAYMENT)	Payment date: 20191230 Year of fee payment: 4
FR3061485 A1	20191230	LSFE	+PLFP	FEE PAYMENT	Year of fee payment: 4
FR3061485 A1	20200811	LSAS	CA	Changement d'adresse du titulaire (CHANGE OF ADDRESS)	Registered Number: 0237250 BOPI Date: 2020-38
FR3061485 A1	20200811		CD	Changement de nom, de dénomination (CHANGE OF NAME OR COMPANY NAME)	Registered Number: 0237250 BOPI Date: 2020-38
FR3061485 A1	20200918		CA	CHANGE OF ADDRESS	Effective date: 20200811
FR3061485 A1	20200918		CD	CHANGE OF NAME OR COMPANY NAME	PartyType: owner Owner: SULO FRANCE, FR Effective date: 20200811
FR3061485 B1	20201030		+	granted / extensions (spc, cpc, pte)	
FR3061485 B1	20201224	LSFE	+PLFP	Fee Payment (FEE PAYMENT)	Year of fee payment: 5 Payment date: 20201224
FR3061485 B1	20201224	LSFE	+PLFP	FEE PAYMENT	Year of fee payment: 5
FR3061485 B1	20361229	PEXP		Calculated Patent Term Expiry	

Title: DEVICE FOR HOLDING RE-USABLE MATERIALS

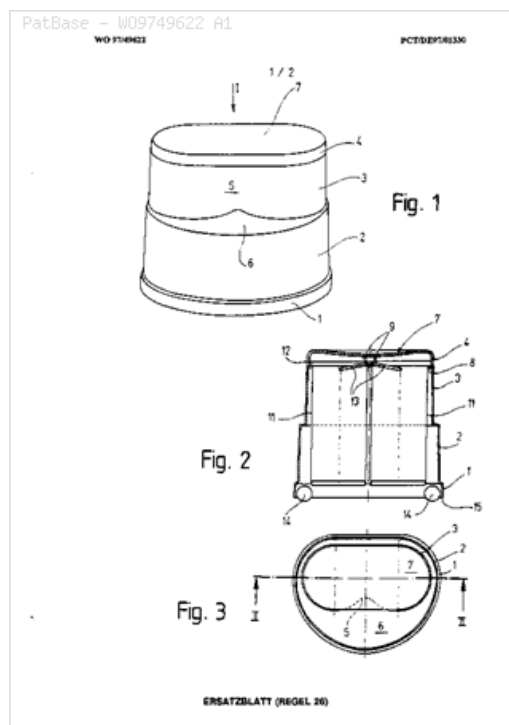
Abstract: The invention concerns a device for holding re-usable materials which comprises a plurality of receptacles for different re-usable materials disposed in a housing (19), which is of a step-like design (16, 17, 18), the lids (26, 28, 29) which allow access to the receptacles simultaneously acting as a tread.

Classifications:

International (IPC 8-9): A47C12/00 A47C13/00 B65F1/00 B65F1/14

International (IPC 1-7): A47C12/00 A47C13/00 B65F1/00 B65F1/08 B65F1/14

CPC: A47C13/00 B65F1/006 B65F1/14 B65F2230/144



Family:

Publication number	Publication date	Application number	Application date
AT193267 E	20000615	AT19970931661T	19970625
AU199735365 A1	19980114	AU19970035365	19970625
DE29521190 U1	19970130	DE19952021190U	19950516
DE19625214 A1	19980102	DE19961025214	19960625
DE19780588 D2	19990617	DE19971080588T	19970625
DE59701770 D1	20000629	DE19975001770T	19970625
EP0912424 A1	19990506	EP19970931661	19970625
EP0912424 B1	20000524	EP19970931661	19970625
WO9749622 A1	19971231	WO1997DE01330	19970625

Priority:

DE19951017412 19950516 DE19952021190U 19950516 DE19961025214 19960625
 WO1997DE01330 19970625 WO1997DE001330 19970625 DE19971080588T 19970625
 DE19975001770T 19970625

Probable Assignee: SCHUSTER CHRISTOPH

Assignee(s): (std): SCHUSTER CHRISTOPH

Assignee(s): CHRISTOPH SCHUSTER ; SCHUSTER CHRISTOPH 70192 STUTTGART DE

Inventor(s): (std): SCHUSTER CHRISTOPH

Inventor(s): CHRISTOPH SCHUSTER ; SCHUSTER CHRISTOPH 70192 STUTTGART DE

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CN CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG US UZ VN WZ

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AT193267 E	20000615	LSGT	+	granted / extensions (spc, cpc, pte)	
AT193267 E	20010915	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	

AT193267 E	20170625	PEXP		Calculated Patent Term Expiry	
AU199735365 A1	19980114	LSPB	+	published / reissued	
DE19625214 A1	19980102	LSPB	+	published / reissued	
DE19625214 A1	19980102	LSES	+OM8	SEARCH REPORT AVAILABLE AS TO PARAGRAPH 43 LIT. 1 SENTENCE 1 PATENT LAW	
DE19625214 A1	19990415	LSWD	-8143	WITHDRAWN DUE TO CLAIMING INTERNAL PRIORITY	
DE19780588 D2	20040923	LSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE19780588 D2	20040923	LSES	+8110	REQUEST FOR EXAMINATION PARAGRAPH 44	
DE19780588 D2	20050407	LSLE	-8139	DISPOSAL/NON- PAYMENT OF THE ANNUAL FEE	
DE19780588 D2	20050407	LSLE	-8139	DISPOSAL/NON- PAYMENT OF THE ANNUAL FEE	
DE29521190 U1	19970130	LSGT	+	granted / extensions (spc, cpc, pte)	
DE29521190 U1	19970130	LSGT	R207	UTILITY MODEL SPECIFICATION	Effective date: 19970130
DE29521190 U1	19990211	LSGT	+R150	UTILITY MODEL MAINTAINED AFTER PAYMENT OF FIRST MAINTENANCE FEE AFTER THREE YEARS	Effective date: 19981127
DE29521190 U1	20020321	LSGT	+R151	UTILITY MODEL MAINTAINED AFTER PAYMENT OF SECOND MAINTENANCE FEE AFTER SIX YEARS	Effective date: 20020116
DE29521190 U1	20031106	LSGT	+R152	UTILITY MODEL MAINTAINED AFTER PAYMENT OF THIRD MAINTENANCE FEE AFTER EIGHT YEARS	Effective date: 20030829
DE29521190 U1	20050516	PEXP		Calculated Patent Term Expiry	
DE29521190 U1	20050531	LSLE	-R071	EXPIRY OF RIGHT	
DE59701770 D1	20010705	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE59701770 D1	20010705	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE59701770 D1	20040415	LSLE	-8339	CEASED/NON- PAYMENT OF THE ANNUAL FEE	
DE59701770 D1	20040415	LSLE	-8339	CEASED/NON- PAYMENT OF THE ANNUAL FEE	
DE59701770 D1	20050210	LSRE	+8370	INDICATION OF LAPSE OF PATENT IS TO BE DELETED	
DE59701770 D1	20050210	LSRE	+8370	INDICATION OF LAPSE OF PATENT IS TO BE DELETED	

DE59701770 D1	20090423	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE59701770 D1	20090423	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
EP0912424 A1	19990506	LSPB	+	published / reissued	
EP0912424 A1	19990506	LSSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 19990123
EP0912424 A1	19990506		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE CH DE DK ES FR GB IT LI NL
EP0912424 A1	19990901	LSSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 19990716
EP0912424 A1	20000524	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20000524 Country of Ref document: IT
EP0912424 B1	20000524	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0912424 B1	20000524		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE CH DE DK ES FR GB IT LI NL
EP0912424 B1	20000524	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: THE PATENT HAS BEEN ANNULLED BY A DECISION OF A NATIONAL AUTHORITY Lapsed date: 20000524 Country of Ref document: ES
EP0912424 B1	20000524	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20000524 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Country of Ref document: NL
EP0912424 B1	20000524	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20000524 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; WARNING: LAPSES OF ITALIAN PATENTS WITH EFFECTIVE DATE BEFORE 2007 MAY HAVE OCCURRED AT ANY TIME BEFORE 2007. THE CORRECT EFFECTIVE DATE MAY BE DIFFERENT FROM THE ONE RECORDED. Country of Ref document: IT
EP0912424 B1	20000524		REF	CORRESPONDS TO:	Date of Ref document: 20000615 Ref document number: 193267 Kind code of Ref document: T Country of Ref document: AT
EP0912424 B1	20000531	LSNP	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: EP
EP0912424 B1	20000625	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20000625 Country of Ref document: AT
EP0912424 B1	20000629		REF	CORRESPONDS TO:	Date of Ref document: 20000629 Ref document number: 59701770 Country of Ref document: DE
EP0912424 B1	20000630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20000630 Country of Ref document: BE

EP0912424 B1	20000824	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 20000824 Country of Ref document: DK
EP0912424 B1	20000825		+ET	FR: TRANSLATION FILED	
EP0912424 B1	20000831		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: NV Representative: PATENTANWALTSBUREAU R. A. MASPOLI PartyType: representative Ref country code: CH
EP0912424 B1	20001025		+GBT	GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)	Effective date: 20000929
EP0912424 B1	20001101	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	Ref country code: EP
EP0912424 B1	20001231	LSLE	-BERE	BE: LAPSED	Owner: SCHUSTER CHRISTOPH PartyType: owner Ref country code: EP Effective date: 20000630
EP0912424 B1	20010516	LSGT	+26N	NO OPPOSITION FILED	
EP0912424 B1	20020101		REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: IF02 Ref country code: GB
EP0912424 B1	20050613	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20050613 Country of Ref document: GB
EP0912424 B1	20050621	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20050621 Country of Ref document: FR
EP0912424 B1	20050624	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 9 Payment date: 20050624 Country of Ref document: CH
EP0912424 B1	20060625	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20060625 Country of Ref document: GB
EP0912424 B1	20060630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20060630 Country of Ref document: CH
EP0912424 B1	20060630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20060630 Country of Ref document: LI
EP0912424 B1	20070215	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: CH Ref legal event code: PL
EP0912424 B1	20070228	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	Effective date: 20060625 Ref country code: EP

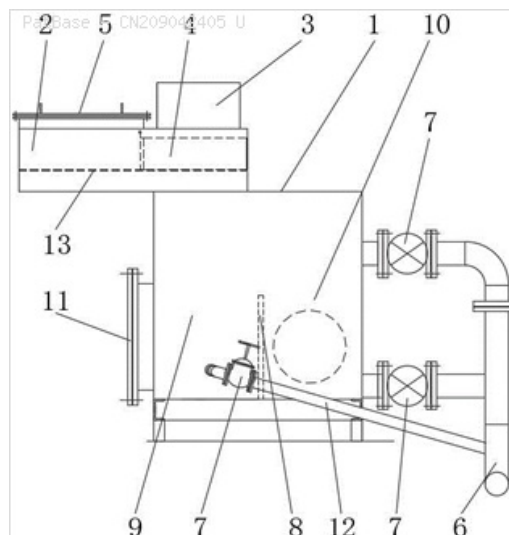
EP0912424 B1	20070427	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref country code: FR Effective date: 20070228 Ref legal event code: ST
EP0912424 B1	20080430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 20060630 Country of Ref document: FR
EP0912424 B1	20080530	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Payment date: 20071220 Year of fee payment: 11 Country of Ref document: DE
EP0912424 B1	20090430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 20090101 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: DE
EP0912424 B1	20170625	PEXP		Calculated Patent Term Expiry	
WO9749622 A1	19971231	LSPB	+	published / reissued	
WO9749622 A1	19971231		+AK	DESIGNATED STATES	Kind code of Ref document: A1 Country of Ref document: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
WO9749622 A1	19971231		+AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS	Kind code of Ref document: A1 Country of Ref document: AT BE BF BJ CF CG CH CI DE DK ES FI FR GB GH GR IE IT KE LS LU MC MW NL PT SD SE SZ UG ZW
WO9749622 A1	19980312		DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)	
WO9749622 A1	19980422		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	
WO9749622 A1	19990123	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 1997931661 Country of Ref document: EP
WO9749622 A1	19990305	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref document number: 98502114 Country of Ref document: JP
WO9749622 A1	19990506	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	Ref document number: 1997931661 Country of Ref document: EP
WO9749622 A1	19990617		+REF	CORRESPONDS TO	Ref document number: 19780588 Date of Ref document: 19990617 Country of Ref document: DE
WO9749622 A1	19990617	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 19780588 Country of Ref document: DE
WO9749622 A1	19991225	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: CA
WO9749622 A1	20000524	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	Ref document number: 1997931661 Country of Ref document: EP

Title: MOISTURE **COLLECTING** DEVICE FOR FEEDING OF **GARBAGE** INCINERATOR

Abstract: The utility model relates to the technical field of **garbage** incinerators. The utility model discloses a moisture **collecting** device for feeding of a **garbage** incinerator. Moisture **collection** tank, an inlet I is formed in the left side of the top of the moisture **collection** box; a filter box is fixedly mounted on the moisture **collection** box; an outlet II is formed in the lower part of the filter box; the inlet I, the outlet II and the inlet II are vertically aligned; the inlet II is connected with a discharging barrel; the upper portion of the discharging barrel is used for being connected with a garbage moisture **collecting** tank, a **drawer** type filter screen is installed in the filter box, the **drawer** type filter screen is located under the second inlet and located over the second outlet, a taking-out opening is formed in the upper portion of the filter box, a cover plate is detachably and fixedly installed on the taking-out opening, and the **drawer** type filter screen **can** be taken out from the taking-out opening; the bottom of the moisture **collection** box is connected with a drain pipe which is provided with a valve. And the **drawer** type filter screen **can** filter most of impurities in water, so that the impurities in the **garbage** are effectively prevented from blocking the water **collecting** box, the valve and subsequent pipelines.

Classifications:

International (IPC 8-9): F23G5/44



Family:

Publication number	Publication date	Application number	Application date
CN209042405 U	20190628	CN201821589090U	20180928

Priority:

CN201821589090U 20180928

Probable Assignee: CHENGDU XINGRONG RENEWABLE ENERGY CO LTD

Assignee(s): (std): CHENGDU XINGRONG RENEWABLE ENERGY CO LTD

Assignee(s): CHENGDU SICHUAN RONG XING RENEWABLE ENERGY CO LTD ; CHENGDU XINGRONG RENEWABLE ENERGY CO

Inventor(s): (std): GUO YONG ; LIU YONGHUA ; RAN YINHUA ; WANG YANG ; XIANG JIE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN209042405 U	20190628	LSGT	+	granted / extensions (spc, cpc, pte)	
CN209042405 U	20190628	LSGT	+GR01	PATENT GRANT	
CN209042405 U	20190628	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN209042405 U	20280928	PEXP		Calculated Patent Term Expiry	

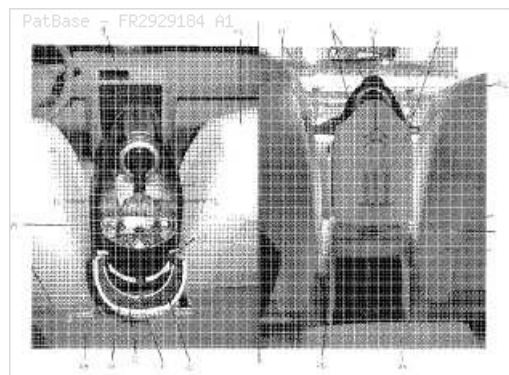
Title: REAR CENTRAL SEAT FOR E.G. FOUR-DOOR SEDAN, HAS MOBILE ARMREST PLACED ON BASE AND RETRACTED INTO BACKREST, WHERE BACKREST HAS REMOVABLE BIN PLACED IN HOUSING BEHIND RETRACTED ARMREST FOR RECEIVING CUPS

Abstract: The seat has a mobile armrest placed on a base (81) and retracted into a backrest. The backrest has a removable bin placed in a housing behind the retracted armrest for receiving cups (31) e.g. coffee cups. The backrest has a mobile intermediate plate located between the housing and the armrest. Openings are respectively located in front and upper surfaces of the bin. The openings are accessible when the bin is housed into and retracted from the backrest, respectively. A plastic receptacle of the bin is surrounded by a leather envelope. An independent claim is also included for a motor vehicle comprising a hot beverage producing machine e.g. coffeepot.

Classifications:

International (IPC 8-9): B60N2/46 B60N2/75 B60N3/08 B60R7/04

CPC: B60N2/757 B60N3/08 B60N3/18 B60R7/04



Family:

Publication number	Publication date	Application number	Application date
FR2929184 A1	20091002	FR20080052049	20080328
FR2929184 B1	20110107	FR20080052049	20080328

Priority:

FR20080052049 20080328

Probable Assignee: PEUGEOT CITROEN AUTOMOBILES SA

Assignee(s): (std): PEUGEOT CITROEN AUTOMOBILES SA

Assignee(s): PEUGEOT CITROEN AUTOMOBILES SA SOCIETE ANONYME ; PEUGEOT CITROEN AUTOMOBILES SOC ANONYME SA

Inventor(s): (std): CELLA CHRISTOPHE

Inventor(s): CHRISTOPHE CELLA

Agent(s): PSA PEUGEOT CITROEN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR2929184 A1	20091002	LSPB	+	published / reissued	
FR2929184 A1	20091002		SC	SEARCH COMPLETED	BOPI Date: 2009-40
FR2929184 B1	20110107	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2929184 B1	20120323	LSFE	+PLFP	Fee Payment	Payment date: 20120323 Year of fee payment: 5
FR2929184 B1	20130402	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2929184 B1	20131227	LSLE	-ST	NOTIFICATION OF LAPSE	Effective date: 20131129
FR2929184 B1	20280328	PEXP		Calculated Patent Term Expiry	

Title: BIN LINER DISPENSER

Abstract: A bin liner dispensing system comprising a receptacle (19) and a bin (10), the receptacle (19) accommodating a number of folded collapsed liners, said liners being formed of a membrane and having a closed end and an open end, the liners being accommodated within the receptacle (19) in an overlying relationship with the open end uppermost, the receptacle having an opening through which the open end of the uppermost liner is accessible, opposed sidewalls (11) of the bin having a set of protrusions (15) in opposed relation to each other and in spaced relation from the base of the bin, the receptacle configured to be supported between the protrusions and the base of the bin to be retained adjacent or at the floor (17) of the bin (10).

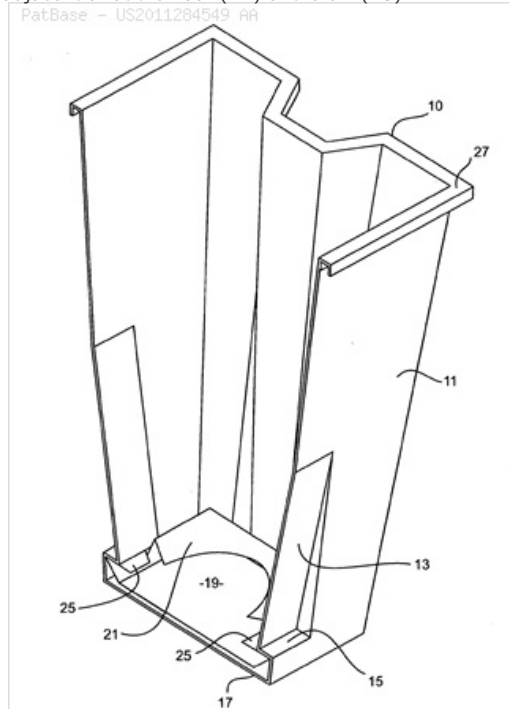
Classifications:

International (IPC 8-9): B65D25/14 B65D30/10 B65D30/20 B65D83/08

B65D90/04 B65F1/04 B65F1/06 B65F1/14

CPC: B65F1/004 B65F1/062 B65F2220/12

US: 220/495.07 220/495.070P



Family:

Publication number	Publication date	Application number	Application date
AU2008247335 AA	20081113	AU20080247335	20080508
US2011284549 AA	20111124	US20080599083	20080508
WO08134827 A1	20081113	WO2008AU00652	20080508

Priority:

AU20070902454 20070508 WO2008AU00652 20080508 AU20080247335 20080508

Probable Assignee: HALLAM JAMES

Assignee(s): (std): HALLAM JAMES ; JAMES PETER

Assignee(s): JAMES HALLAM ; PETER JAMES

Inventor(s): (std): HALLAM JAMES ; JAMES PETER

Inventor(s): JAMES HALLAM ; PETER JAMES

Agent(s): WRAYS

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 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 LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR 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

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AU2008247335 AA	20081113	LSPB	+	published / reissued	
AU2008247335 AA	20131205	LSLE	-MK4	APPLICATION LASED SECTION 142(2) (D) - NO CONTINUATION FEE PAID FOR THE APPLICATION	
US2011284549 AA	20111124	LSPB	+	published / reissued	
US2011284549 AA	20120917	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2011284549 AA	20120917		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED --

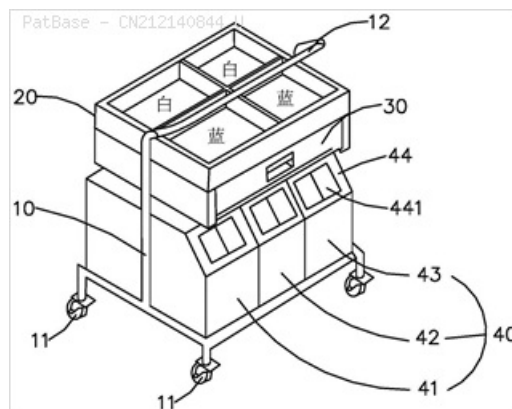
					FAILURE TO RESPOND TO AN OFFICE ACTION
WO08134827 A1	20081113	LSPB	+	published / reissued	
WO08134827 A1	20081231		121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION	Kind code of Ref document: A1 Ref document number: 08747924 Country of Ref document: EP
WO08134827 A1	20090423		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO08134827 A1	20091008		DPE1	REQUEST FOR PRELIMINARY EXAMINATION FILED AFTER EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED FROM 20040101)	
WO08134827 A1	20091106	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 12599083 Country of Ref document: us
WO08134827 A1	20091110	LSNE	NENP	NON-ENTRY INTO THE NATIONAL PHASE	Ref country code: DE
WO08134827 A1	20091201	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 2008247335 Country of Ref document: AU
WO08134827 A1	20091201	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	Ref document number: 581575 Country of Ref document: NZ
WO08134827 A1	20091224	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE	Date of Ref document: 20080508 Kind code of Ref document: A Ref document number: 2008247335 Country of Ref document: AU
WO08134827 A1	20100602	LSNE	-122	EP: PCT APPLICATION NON-ENTRY IN EUROPEAN PHASE	Kind code of Ref document: A1 Ref document number: 08747924 Country of Ref document: EP

Title: A medical treatment car (Machine translation)

Abstract: Source: CN212140844 U **Machine translation:** The utility model provides a medical treatment cart, including the body, Irazu plate, for placing the medical appliance **drawers** and **garbage collection** tank, wherein the base body has a universal wheel, the vehicle body side is provided with a push hands, the body from top to bottom layer provided with a first cavity, a second cavity and a third cavity, said cavity for placing the first layer, the second layer of the Irazu disc cavity for placing **drawer**, said third layer cavity for placing a **garbage collection** box **drawer** removably connected with the body; the body is also provided for covering the protective cover, the protective cover and the Irazu disk body active connection, the utility model has the beneficial effects: The utility model by the body set to a multilayer space architecture, from top to bottom placed Irazu plate, **drawers** and **garbage collection** boxes, without wasting space resources at the same time, but also on the medical articles ordered classification; the utility model of the **garbage collection** box specifically include life **collection** boxes, sharps medical trash and trash **can**, achieve **garbage garbage** classification **collection**.

Classifications:

International (IPC 8-9): A61G12/00



Family:

Publication number	Publication date	Application number	Application date
CN212140844 U	20201215	CN202020403373U	20200326

Priority:

CN202020403373U 20200326

Probable Assignee: JIANGJIN DISTRICT CENTRAL HOSPITAL

Assignee(s): JIANGJIN DISTRICT CENTRAL HOSPITAL

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN212140844 U	20201215	LSGT	+	granted / extensions (spc, cpc, pte)	
CN212140844 U	20201215	LSGT	+GR01	PATENT GRANT	
CN212140844 U	20201215	LSGT	+GR01	授权 (The grant of patent right)	Text: 授权 (Authorization)
CN212140844 U	20300326	PEXP		Calculated Patent Term Expiry	

Title: **COLLECTION** OF HOSPITAL REFUSE

Abstract: Method for the selective and controlled **collection** of hospital refuse of any origin over a given area, with a view to its processing and/or destruction, generally by means of incineration, characterised in that it consists: - in a first stage, in gathering the refuse at its point of origin in a completely sealed disposable volume which cannot be perforated, - in a second stage, in placing this full volume in a stationary lockable receptacle equipped with sterilisation means, - in a third stage, in **collecting** the disposable volumes present in the assembly of the stationary receptacles distributed over the said area, - in a fourth stage, in editing and placing on each disposable volume **collected** a label identifying the origin and the nature of the said volume, using a bar-code reader including a clock and a unit for printing such labels, - in a fifth stage, the assembly of the disposable volumes thus **collected** and identified are regrouped into groups of increasing numbers, with a view to their transportation to the destruction site where, after checking, they are incinerated. e

Classifications:

International (IPC 8-9): A61B19/00 A61B19/02 A61B50/36 B65F1/00 B65F3/00 B65F7/00 B65F9/00

International (IPC 1-7): A61B19/02 B65F1/00 B65F3/00 B65F7/00 B65F9/00

CPC: A61B50/36 B65F1/00 B65F2210/108 B65F3/00 B65F7/00 B65F9/00

Family:

Publication number	Publication date	Application number	Application date
EP0527282 A1	19930217	EP19910440066	19910813

Priority:

EP19910440066 19910813

Probable Assignee: SOGEDET SARL

Assignee(s): (std): NICOLETTI AGREGATS S A ; SOGEDET SARL

Inventor(s): (std): DONCHE JEAN PIERRE ; NICOLETTI DIDIER

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

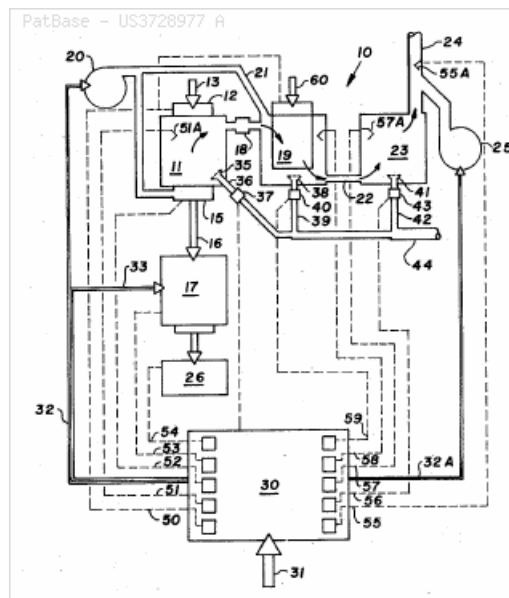
Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
EP0527282 A1	19930217	LSPB	+	published / reissued	
EP0527282 A1	19930217		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP0527282 A1	19941214	LSDW	-18D	APPLICATION DEEMED TO BE WITHDRAWN	Effective date: 19930818

Title: HOUSEHOLD RUBBISH REDUCTION SYSTEM

Abstract: Raw rubbish incineration and compaction means comprising the serial combination of a primary furnace, a mixing chamber, and afterburner for the primary furnace and mixing chamber, along with the additional combination of a compacting chamber for compaction of incinerated raw rubbish. The primary furnace receives the raw rubbish and a burner is provided for incineration. A mixing chamber provides additional air for the discharge from the primary furnace and is arranged to discharge the additional air and primary furnace gases to the afterburner. The afterburner is arranged to completely burn any combustible contained within the gaseous mixture received from the mixing chamber. The primary furnace is provided with a grate which **can** be moved to discharge incinerated solids into the compacting chamber, wherein a movable wall of the compacting chamber moves into contact with the solids and crushes these solids to a predetermined pressure. Temperature control and mechanical interlock controls are provided for the system.

Classifications:**International (IPC 8-9):** F23G5/16 F23G5/50 F23J1/00**International (IPC 1-7):** F23G3/06 F23G5/12**CPC:** F23G5/16 F23G5/50 F23J1/00**US:** 110/165R 110/191 110/212 110/223 110/0.8R 110/165.00R**Family:**

Publication number	Publication date	Application number	Application date
US3728977 A	19730424	US19710204431	19711203

Priority:

US19710204431 19711203

Probable Assignee:

BRANNAN J

Assignee(s): (std):

BRANNAN J

Assignee(s):

BRANNAN J US

Inventor(s): (std):

BRANNAN J

Inventor(s):

BRANNAN J US

Legal status (INPADOC)[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3728977 A	19730424	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: MINIATURE **GARBAGE** INCINERATOR AND METHOD FOR INCINERATION

Abstract: A portable miniature incinerator is described allowing easy disposal of household **garbage** for a single-family house or a small apartment building. The housing of the incinerator is mounted on a wheeled hand-truck assembly and contains an incineration block and a filtration block. The incineration block in turn comprises a furnace chamber equipped with an electric heater. The heater is adapted to bring the temperature of the air and therefore the temperature of the **garbage** up to the point of spontaneous combustion. During the process of heating up the **garbage**, it becomes dry as the fans of the device remove all water evaporation. Once ignited, the **garbage** is incinerated in the furnace chamber while all exhaust gases are directed to the filtration unit. The filtration unit has a first stage of filtration comprising a wire mesh separator submerged in water. Exhaust gases pass through the mesh separator and through the water so that the pollutants and exhaust particles are separated from the exhaust gases. Following that first filtration stage, the exhaust gases are sent toward the second cleaning stage, this stage being a fabric-filled gas filter, for complete separation of all impurities. The gases are then directed back towards the furnace chamber to re-circulate the flow of hot gases and save energy. That process continues until the incineration is complete.

Classifications:

International (IPC 8-9): F23C9/00 F23G5/08 F23G5/10 F23G5/40 F23J1/00 F23J15/00 F23J15/02

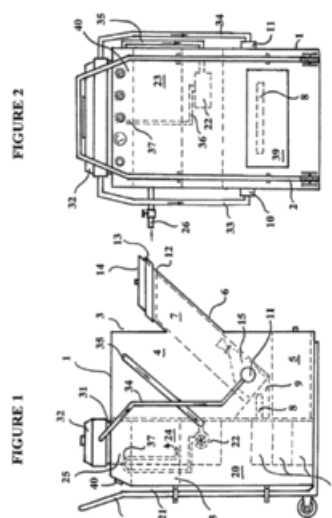
International (IPC 1-7): F23C9/00 F23G5/10 F23J15/00

CPC: F23G2205/14 F23G2900/00001 F23G5/10 F23G5/40 F23J1/00 F23J15/022 F23J2217/30

US: 110/203 110/204 110/215 110/216 110/241 110/250 110/345

PatBase - US6945180 BA

U.S. Patent Sep. 20, 2005 Sheet 1 of 3 US 6,945,180 B1



Family:

Publication number	Publication date	Application number	Application date
US6945180 BA	20050920	US20040858811	20040603

Priority:

US20040858811 20040603

Probable Assignee:

KHYMYCH VASYL

Assignee(s): (std):

KHYMYCH VASYL

Inventor(s): (std):

KHYMYCH VASYL

Agent(s):

BORIS; LESCHINSKY BORIS

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US6945180 BA	20050920	LSGT	+	granted / extensions (spc, cpc, pte)	
US6945180 BA	20081008	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US6945180 BA	20130503		REMI	MAINTENANCE FEE REMINDER MAILED	
US6945180 BA	20130920	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6945180 BA	20131021	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6945180 BA	20131021	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362

US6945180 BA	20131112	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20130920
US6945180 BA	20240603	PEXP		Calculated Patent Term Expiry	

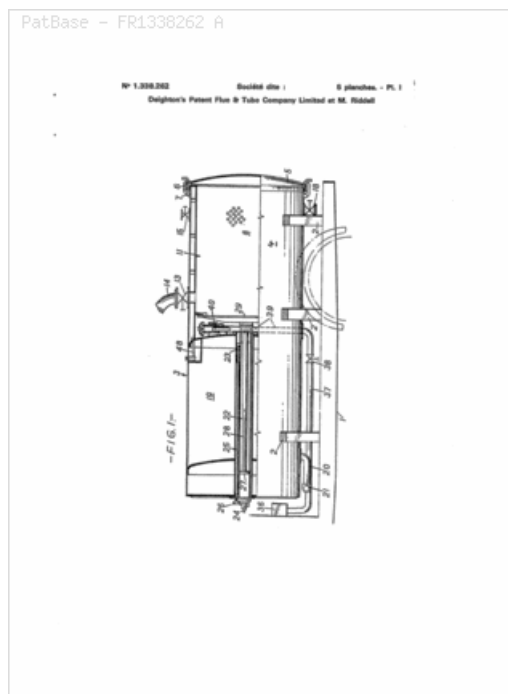
Title: APPARATUS FOR THE TREATMENT OF HOUSEHOLD WASTE AND OTHER WASTE IN SUSPENSION IN WATER (Machine translation)

Abstract: Source: FR1338262 A **Machine translation:** (Claim 1) 1. Apparatus for treatment of **garbage** and waste equivalent suspended in water to separate the water and drive to ensure their destruction, including a bowl, Waste, organs to establish a partial vacuum has the inside of this tank, the organs of entry and extraction of waste suspended in water, these bodies having a capacity large enough to let the bulky waste to be treated, a device has, thrust plate mounted in the tank, perforated screens forming a lining to the tank, ensuring the displacement of bodies back and forth from the plateau to compress the waste and to express or to eject the liquid in excess, brushes or scrapers for a clean the perforated liner, and other bodies providing out separate from the tank, Solid Waste Findings and liquid.

Classifications:

International (IPC 8-9): B03B9/00 B03B9/06

CPC: B03B9/06



Family:

Publication number	Publication date	Application number	Application date
FR1338262 A	19630920	FR19620914892	19621109

Priority:

FR19620914892 19621109

Probable Assignee: DEIGHTON S PATENT FLUE AND TUBE

Assignee(s): (std): DEIGHTON S PATENT FLUE AND TUBE

Assignee(s): DEIGHTON S PATENT FLUE AND TUBE CO LTD ; DEIGHTON S PATENT FLUE AND TUBE COMPANY LIMITED

Inventor(s): (std): RIDDELL LEONARD HARPER

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR1338262 A	19630920	LSGT	+	granted / extensions (spc, cpc, pte)	
FR1338262 A	19821109	PEXP		Calculated Patent Term Expiry	

Title: TRASH ORGANIZER

Abstract: An improved trash organizer for expeditious separation of paper, aluminum, glass, plastic or other separable trash items that provides for a small, compact primary trash container with separate compartments that includes reusable net bags and a drainage system for removal of excess residual liquids, and having a removable **collecting** pan for excess liquid. A secondary separable trash container may be included for outdoor use.

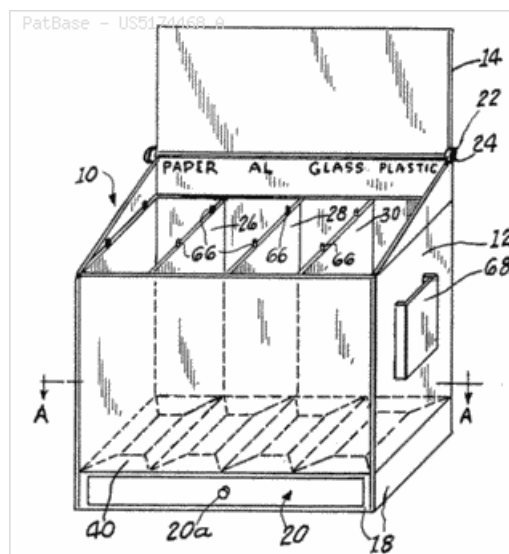
Classifications:

International (IPC 8-9): B65F1/00 B65F1/04 B65F1/06 B65F1/14

International (IPC 1-7): B65D1/36

CPC: B65F1/004 B65F1/0066 B65F1/067 B65F1/1468 B65F2210/132 Y02W30/60 Y10S220/909

US: 220/403 220/404 220/495.08 220/571 220/909



Family:

Publication number	Publication date	Application number	Application date
US5174468 A	19921229	US19910649306	19910130

Priority:

US19910649306 19910130

Probable Assignee:

HOLDERMAN LISA A

Assignee(s): (std):

HOLDERMAN LISA A

Inventor(s): (std):

HOLDERMAN LISA A

Legal status (INPADOC)

[View legal status timeline](#)

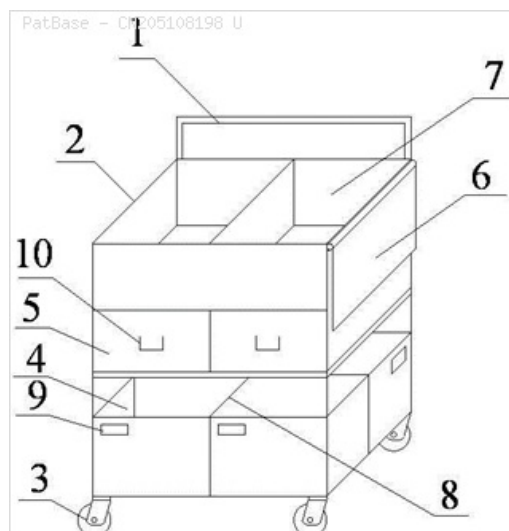
Patent	Date recorded	Event group	Code	Event	Details
US5174468 A	19921216	LSGT	PAT1	Patented Case	
US5174468 A	19921229	LSGT	+	granted / extensions (spc, cpc, pte)	
US5174468 A	19960806		REMI	MAINTENANCE FEE REMINDER MAILED	
US5174468 A	19961229	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US5174468 A	19970311	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 19970101
US5174468 A	20110130	PEXP		Calculated Patent Term Expiry	
US5174468 A	20180127	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US5174468 A	20180127	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362

Title: HEPATOBILIARY SURGERY NURSES DEVICE

Abstract: The utility model provides a hepatobiliary surgery nurses device belongs to medical apparatus technical field. A hepatobiliary surgery nurses device, includes that pushing hands, frame, wheel, **garbage collection** box, **drawer**, tray place board and uncovered box, the pushing hands sets up on the frame, the frame is by setting gradually **garbage collection** box, **drawer** and uncovered box on going, the board is placed to the articulated tray of connecting on the frame, **garbage collection** box is by a plurality of accommodation space of partitions are divided into, **garbage collection** box's upper portion is opened, and the side sets up tag slot, the **drawer** is a plurality of, the outside of **drawer** sets up the handle, the quantity of uncovered box is a plurality of. The utility model discloses novel structure, the nursing staff of being convenient for carries out daily nursing to the patient, **can** improve the efficiency of nursing, moreover **can** be to the rubbish recovery of classifying for nursing work **can** go on without any confusion, alleviates nursing staff's work burden.

Classifications:

International (IPC 8-9): A61G12/00



Family:

Publication number	Publication date	Application number	Application date
CN205108198 U	20160330	CN201520898138U	20151112

Priority:

CN201520898138U 20151112

Probable Assignee: NANYANG SECOND GENERAL HOSPITAL
Assignee(s): (std): NANYANG SECOND GENERAL HOSPITAL
Assignee(s): NANYANG CITY SECOND PEOPLE S HOSPITAL
Inventor(s): (std): SHANG WEIWEI

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN205108198 U	20160330	LSGT	+	granted / extensions (spc, cpc, pte)	
CN205108198 U	20160330	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN205108198 U	20180105	LSLE	-CF01	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE	
CN205108198 U	20251112	PEXP		Calculated Patent Term Expiry	

Title: CONTAINER FOR DIFFERENT DISPOSALS AND SEPARATION OF WASTES CM1.

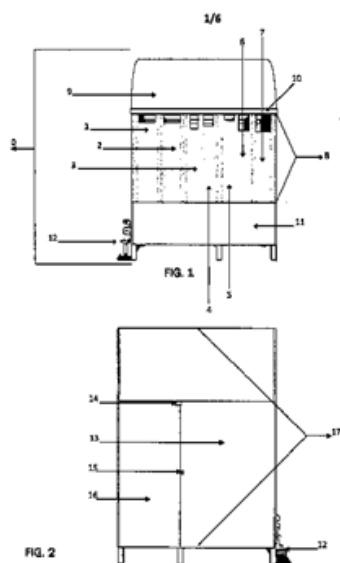
Abstract:

THE CONTAINER CM1 IS A TOOL STRATEGICALLY DESIGNED AND CREATED FOR REDUCING AND SEPARATING WASTES INTRODUCED THEREIN, SO AS TO RECYCLE THOSE WASTES THAT, DUE TO THEIR NATURE, **CAN** BE 100 PERCENT RECYCLED, AVOIDING, AT ALL OR AT A MINIMUM EXTENT, THE POLLUTION THEREOF BY OTHER WASTES AND BEVERAGES SO THAT REDUCING CLEANING COSTS AND HAVING A BETTER PRICE OF SALE OF THE RECYCLED MATERIALS. THE CONTAINER IS HIGHLY EFFECTIVE FOR THE AFOREMENTIONED PURPOSES SINCE IT HAS UNIQUE ELEMENTS FOR DISPOSING THE WASTES IN THE CORRECT PLACE REGARDLESS OF THE AGE OR EDUCATION LEVEL OF THE USER, THE DISPOSED WASTES CANNOT BE REMOVED BY UNAUTHORIZED PEOPLE: 1) THE TRANSPARENT COVER ALLOWS USERS TO SEE THE INTERIOR OF THE PANELS AND THE CONTENT THEREOF. 2) PANELS FOR EACH TYPE OF WASTE. 3) RECEIVING WINDOWS FOR INTRODUCING THE WASTES ONLY IF THESE ARE REDUCED OR FLATTENED. 4) DRAWINGS AND TEXTS. 5) MECHANICAL COMPRESSOR FOR CANS. 6) SAFETY SYSTEM FOR PREVENTING UNAUTHORIZED PEOPLE FROM REMOVING THE CONTENT.

Classifications:

International (IPC 8-9): B65F1/14

PatBase - MX2012001476 A1



Family:

Publication number	Publication date	Application number	Application date
MX2012001476 A1	20130826	MX20120001476	20120124

Priority:

MX20120001476 20120124

Probable Assignee:

PINO DISRAELI BURGOA

Assignee(s): (std):

PINO DISRAELI BURGOA

Assignee(s):

DISRAELI BURGOA PINO

Inventor(s): (std):

PINO DISRAELI BURGOA

Inventor(s):

DISRAELI BURGOA PINO

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
MX2012001476 A1	20130826	LSPB	+	published / reissued	

Title: MEANS FOR BREWING COFFEE

Abstract: (Claim 1) 1. A coffee brewing device, comprising an open-topped vessel including interconnected side, end and bottom walls to define a brewing chamber, said bottom wall being apertured to provide an outlet for said chamber, said end walls each being equipped with an inwardly and upwardly projecting, generally L-shaped arm for securing only a portion of a flexible coffee bag in said chamber, a recess in said bottom wall about said aperture, and a discharge fitting in said recess communicating with said aperture, said discharge fitting providing an upper support surface for engagement with a bag secured on said arms.

Classifications:

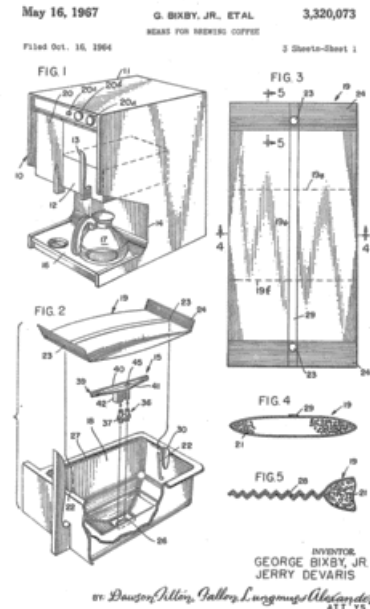
International (IPC 8-9): A47J31/06 A47J31/40 A47J31/44 B65D81/00 B65D85/804

International (IPC 1-7): A47J31/08

CPC: A47J31/0605 A47J31/0642 A47J31/4467 B65D85/8043 B65D85/8046

US: 426/433 99/295 99/299 99/304 99/322

PatBase - US3320073 A



Family:

Publication number	Publication date	Application number	Application date
US3320073 A	19670516	US19640404389	19641016

Priority:

US19640404389 19641016

Probable Assignee: AUTOMATIC MARKETING IND INC
Assignee(s): (std): AUTOMATIC MARKETING IND INC
Assignee(s): AUTOMATIC MARKETING INDUSTRIES INC
Inventor(s): (std): BIXBY JR GEORGE ; JERRY DEVARIS
Inventor(s): DEVARIS JERRY ; JR GEORGE BIXBY

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3320073 A	19670516	LSGT	+	granted / extensions (spc, cpc, pte)	

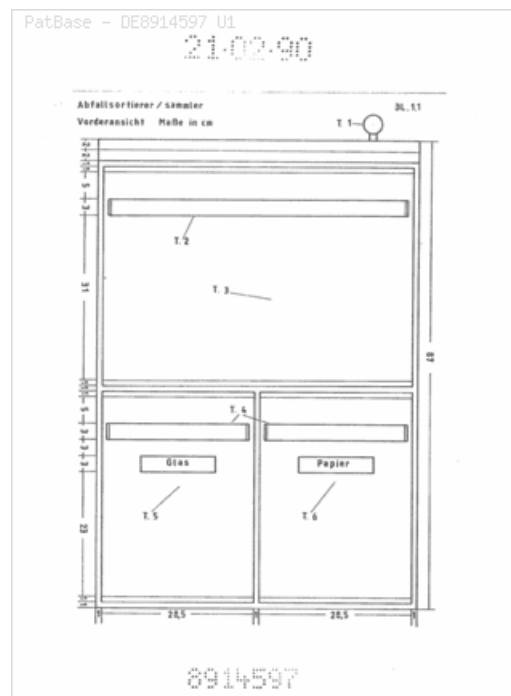
Abstract: Source: DE8914597 U1 **Machine translation:** (Claim 1) A further disadvantage arises when a waste collector for several fractions is provided (eg, 6 fractions), namely the sort in the case of withdrawals made without system and making it difficult to distinguish.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/04 B65F1/06 B65F1/14

International (IPC 1-7): A47B77/18 B65F1/00 B65F1/16

CPC: B65F1/0073 B65F1/062 B65F1/1426



Family:

Publication number	Publication date	Application number	Application date
DE8914597 U1	19900510	DE19890014597U	19891212

Priority:

DE19890014597U 19891212

Probable Assignee: NOLTE ANDREAS 4630 BOCHUM DE

Assignee(s): NOLTE ANDREAS 4630 BOCHUM DE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE8914597 U1	19900510	LSGT	+	granted / extensions (spc, cpc, pte)	
DE8914597 U1	19991212	PEXP		Calculated Patent Term Expiry	

Title: FAMILY CRISIS **GARBAGE CAN**

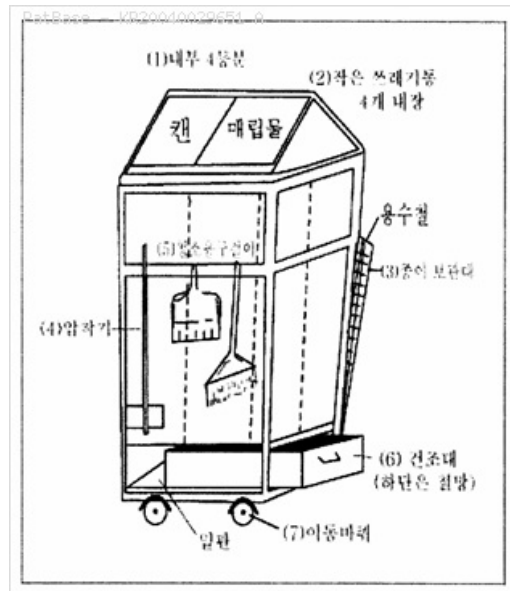
Abstract: PURPOSE: A separable **garbage can** for household is provided to classify trash, to **collect** and keep recycled products, and to properly dispose of **garbage** or explosive cans. CONSTITUTION: A separable **garbage can** for household is composed of a **garbage can** supporting bar for supporting the **garbage can**, attaching a paper keeping net, cleaning tools, and a compressor, and inserting a **drawer** -type drying rack to the lower end; the paper keeping net for keeping newspapers and magazines formed into a thick square wire net attached with springs and extended to the amount of papers; the drying rack of which the bottom side is a net to drain water, ventilate well, and easily dry the **garbage**, arranged at the bottom of the **garbage can** in a **drawer** type and formed with a bottom plate for receiving water flowing out from the drying rack at the lower end side; the compressor for putting cans between the bottom plate and a cover, compressing and crushing the cans, and installing a sharp needle for a gasholder; three cleaning tool keeping hangers formed at the side of the supporting bar to remove inconveniences for keeping the cleaning tools to other place and finding the cleaning tools; and wheels installed to the bottom of the **garbage can** to conveniently move the **garbage can**. The inner part of the **garbage can** is divided into the four, small **garbage cans** are inserted into the divided parts, an inlet is divided into the four to the classified trashes, and kinds of trashes are marked on the surface of the divided inlet, respectively.

Classifications:

International (IPC 8-9): B65F1/12

International (IPC 1-7): B65F1/12

CPC: B65F1/0033 B65F1/12 B65F1/1405 B65F1/1468



Family:

Publication number	Publication date	Application number	Application date
KR20040029651 A	20040408	KR20020059981	20021001

Priority:

KR20020059981 20021001

Probable Assignee:

YU MOUNG IL

Assignee(s): (std):

YU MOUNG IL

Inventor(s): (std):

YU MOUNG IL

Legal status (INPADOC)

[View legal status timeline](#)

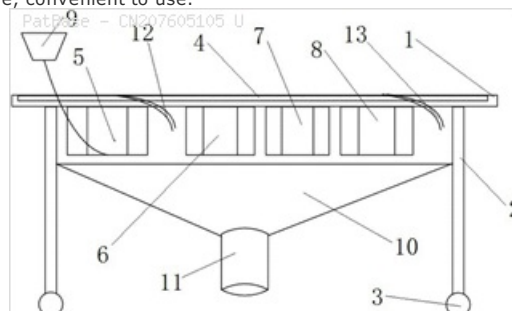
Patent	Date recorded	Event group	Code	Event	Details
KR20040029651 A	20021001	LSSES	A201	REQUEST FOR EXAMINATION	
KR20040029651 A	20040408	LSPB	+	published / reissued	
KR20040029651 A	20040915	LSSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR20040029651 A	20041207	LSRV	-E601	DECISION TO REFUSE APPLICATION	

Title: ANESTHESIA SURGERY CAR

Abstract: The utility model relates to an anesthesia surgery car, including sweep (1), be equipped with four supporting leg (2) on sweep (1), be equipped with heating member (4) in sweep (1), be provided with first **drawer** (5) on the bottom surface of sweep (1), second **drawer** (6), third **drawer** (7) and fourth **drawer** (8), be equipped with the oxygen cylinder in first **drawer** (5), the oxygen cylinder passes through the pipeline and links to each other with respirator (9), be equipped with the heart defibrillator in second **drawer** (6), be equipped with surgical instruments in third **drawer** (7), be equipped with the medicine in fourth **drawer** (8), still be equipped with below sweep (1) **garbage collection** hopper (10), the exit of **garbage collection** hopper (10) is equipped with medical **garbage** and **collects** bag(11). This anesthesia surgery car **can** realize the anesthesia to patient, **can** realize the operation to patient again, simultaneously, and simple structure, convenient to use.

Classifications:

International (IPC 8-9): A61G13/00



Family:

Publication number	Publication date	Application number	Application date
CN207605105 U	20180713	CN201720142734U	20170217

Priority:

CN201720142734U 20170217

Probable Assignee: CHIUN AND

Assignee(s): (std): CAI CHUN ; HUANG QINMEI ; LIANG CAIFEN ; LIN JUNHE

Assignee(s): BEAM COLOR FINLAND ; CHIUN AND ; HUANG CHIN PLUM

Inventor(s): (std): CAI CHUN ; HUANG QINMEI ; LIANG CAIFEN ; LIN JUNHE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CN207605105 U	20180713	LSGT	+	granted / extensions (spc, cpc, pte)	
CN207605105 U	20180713	LSGT	+GR01	PATENT GRANT	
CN207605105 U	20180713	LSGT	+GR01	授权	Text: 授权 (Authorization)
CN207605105 U	20200211	LSLE	-CF01	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE	
CN207605105 U	20200211	LSLE	-CF01	未缴年费专利权终止	Effective date: 20190217 Text: 专利权的终止 (Termination of Patent Right)
CN207605105 U	20270217	PEXP		Calculated Patent Term Expiry	

Title: WASTE GATHERING ARRANGEMENT.

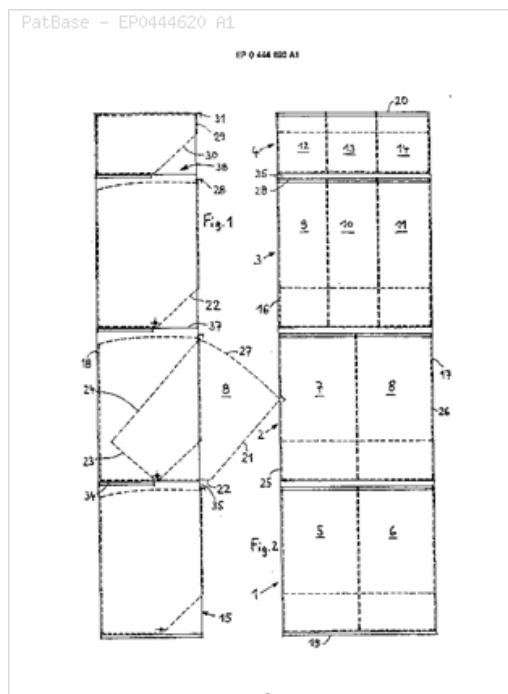
Abstract: The waste gathering elements 51, 52 arranged tower-like on top of one another and/or side by side each exhibit a casing 53, 60 and a tipping container 54, 61 arranged inside it, whose upper end **can** be pivoted out through the open casing front forwards from the upright position into a receiving position until a limit stop 78 operates. The waste gathering arrangement or each waste gathering element is designed as a box-shaped modular unit, whereby the casing 53, 60 exhibits a horizontal covering wall 20;65 which extends close above the upright tipping container 54, 61 and is provided with connection devices 71 to 73, 74, which serves to connect adjacent casings 53, 60.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/14

International (IPC 1-7): B65F1/00 B65F1/04 B65F1/06 B65F1/14

CPC: B65F1/0066 B65F2210/1125 B65F2210/1128 B65F2210/1525



Family:

Publication number	Publication date	Application number	Application date
AT92878 E	19930815	AT19910102832T	19910226
DE4006067 A1	19910829	DE19904006067	19900226
DE59100264 D1	19930916	DE19915000264T	19910226
EP0444620 A1	19910904	EP19910102832	19910226
EP0444620 B1	19930811	EP19910102832	19910226

Priority:

DE19904006067 19900226 EP19910102832 19910226 DE19915000264T 19910226

Probable Assignee: HENINGER ANTON

Assignee(s): (std): HENINGER ANTON

Assignee(s): HENINGER ANTON 87448 WALTENHOFEN DE ; HENINGER ANTON 8963 WALTENHOFEN DE

Inventor(s): (std): HENINGER ANTON

Inventor(s): HENINGER ANTON 87448 WALTENHOFEN DE ; HENINGER ANTON 8963 WALTENHOFEN DE

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
AT92878 E	19930815	LSGT	+	granted / extensions (spc, cpc, pte)	
AT92878 E	20110226	PEXP		Calculated Patent Term Expiry	
DE4006067 A1	19910829	LSPB	+	published / reissued	
DE4006067 A1	19910829	LSES	+OM8	SEARCH REPORT AVAILABLE AS TO PARAGRAPH 43 LIT. 1 SENTENCE 1	

PATENT LAW					
DE4006067 A1	19950216	LSLE	-8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE	
DE59100264 D1	19940908	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE59100264 D1	19940908	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE59100264 D1	19980212	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE59100264 D1	19980212	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
EP0444620 A1	19910904	LSPB	+	published / reissued	
EP0444620 A1	19910904		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: A1 Country of Ref document: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP0444620 A1	19920506	LSES	+17P	REQUEST FOR EXAMINATION FILED	Effective date: 19920304
EP0444620 A1	19920715	LSES	+17Q	FIRST EXAMINATION REPORT DESPATCHED	Effective date: 19920601
EP0444620 B1	19930811	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0444620 B1	19930811		+AK	DESIGNATED CONTRACTING STATES	Kind code of Ref document: B1 Country of Ref document: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 Country of Ref document: BE
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 Country of Ref document: DK
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 Country of Ref document: FR
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 Country of Ref document: GB
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A	Lapsed date: 19930811

				CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Country of Ref document: NL
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 Country of Ref document: SE
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 NotificationOfLapse: THE PATENT HAS BEEN ANNULLED BY A DECISION OF A NATIONAL AUTHORITY Country of Ref document: ES
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 19930811 Country of Ref document: GR
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT Lapsed date: 19930811 Country of Ref document: IT
EP0444620 B1	19930811	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19930811 NotificationOfLapse: LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT;WARNING: LAPSES OF ITALIAN PATENTS WITH EFFECTIVE DATE BEFORE 2007 MAY HAVE OCCURRED AT ANY TIME BEFORE 2007. THE CORRECT EFFECTIVE DATE MAY BE DIFFERENT FROM THE ONE RECORDED. Country of Ref document: IT
EP0444620 B1	19930811		REF	CORRESPONDS TO:	Kind code of Ref document: T Date of Ref document: 19930815 Ref document number: 92878 Country of Ref document: AT
EP0444620 B1	19930916		REF	CORRESPONDS TO:	Date of Ref document: 19930916 Ref document number: 59100264 Country of Ref document: DE
EP0444620 B1	19931231		-EN	FR: TRANSLATION NOT FILED	
EP0444620 B1	19940117	LSLE	-NLV1	NL: LAPSED OR ANNULLED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT	Ref country code: EP
EP0444620 B1	19940216	LSWD	-GBV	GB: EP PATENT (UK) TREATED AS ALWAYS HAVING BEEN VOID IN ACCORDANCE	Ref country code: EP Effective date: 19930811

EP0444620 B1	19940228	LSLE	-PG25	WITH GB SECTION 77(7)/1977 LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Lapsed date: 19940228 Country of Ref document: LU
EP0444620 B1	19940803	LSGT	+26N	NO OPPOSITION FILED	
EP0444620 B1	19950320	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 5 Payment date: 19950320 Country of Ref document: CH
EP0444620 B1	19950324	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Payment date: 19950324 Year of fee payment: 5 Country of Ref document: AT
EP0444620 B1	19960223	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	Year of fee payment: 6 Payment date: 19960223 Country of Ref document: DE
EP0444620 B1	19960226	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19960226 Country of Ref document: AT
EP0444620 B1	19960228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19960228 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: CH
EP0444620 B1	19960228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19960228 NotificationOfLapse: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES Country of Ref document: LU
EP0444620 B1	19961015	LSLE	REG	REFERENCE TO A NATIONAL CODE	Ref legal event code: PL Ref country code: CH
EP0444620 B1	19971101	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	Lapsed date: 19971101 Country of Ref document: DE

EP0444620 B1	20110226	PEXP	Calculated Patent Term Expiry
--------------	----------	------	-------------------------------------

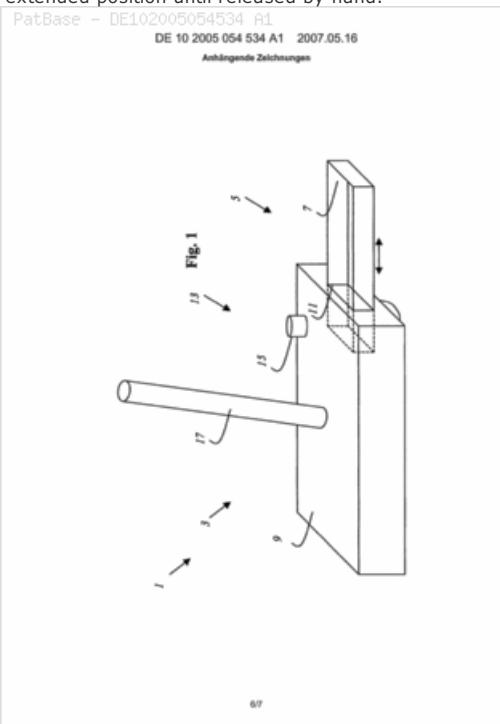
Title: CARPET SWEEPER CONTAINS SPRING-LOADED **DRAWER**, IN WHICH DUST IS **COLLECTED**, WHICH IS RELEASED SO THAT IT SLIDES OUT OF OPENING IN THE SIDE OF SWEEPER BUT IS HELD IN EXTENDED POSITION UNTIL RELEASED BY HAND

Abstract: The carpet sweeper contains a spring-loaded **drawer** (7), in which the dust is **collected**. This **can** be released so that it slides out of an opening (11) in the side of the sweeper but is held in the extended position until released by hand.

Classifications:

International (IPC 8-9): A47L11/00 A47L11/33

CPC: A47L11/33 A47L11/4013 A47L11/4025



Family:

Publication number	Publication date	Application number	Application date
DE102005054534 A1	20070516	DE200510054534	20051114

Priority:

DE200510054534 20051114

Probable Assignee: LEIFHEIT AG

Assignee(s): (std): LEIFHEIT AG

Inventor(s): (std): FISCHER KLAUS JUERGEN ; GROSS CHRISTIAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE102005054534 A1	20070516	LSPB	+	published / reissued	
DE102005054534 A1	20070516	LSSES	+OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW	
DE102005054534 A1	20110901	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	Effective date: 20110531
DE102005054534 A1	20110901	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	Effective date: 20110601

Title: **GARBAGE** DISPOSER REPLACEMENT UNIT

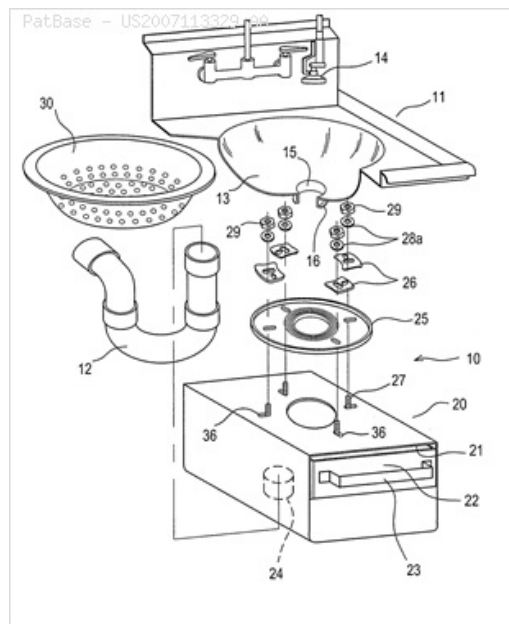
Abstract: A **garbage** disposer replacement unit includes a pre-rinse basket with food waste straining holes. A main body houses a tray slidably suspended that retains small particles food waste via fine bottom perforations. The tray has a top opening larger than a drain diameter of an existing bus bowl in a kitchen. A plastic clip disc pairs with clip top members to clip the main body onto bus bowl flanges. The clip disc drain adapter adjusts and adapts the unit's outlet to different drain diameters of existing bus bowl fixtures. The clip disc and a top clip member constitute a clip assembly for adjustably clipping the unit main body to the given drain flange easily but securely. Optionally, a four-legged riser replaces the clip assembly to attach to the unit main body top for bus bowls with a flangeless standard drain fitting.

Classifications:

International (IPC 8-9): A47K1/00 A47K1/14 E03C1/00 E03C1/26 E03C1/264

CPC: E03C1/264

US: 210/238 4/286 4/289 4/629 4/629P



Family:

Publication number	Publication date	Application number	Application date
CA2535381 AA	20070522	CA20062535381	20060207
US2007113329 AA	20070524	US20050285520	20051122
US2007113335 AA	20070524	US20060494422	20060727
US2007289058 AA	20071220	US20070895201	20070823
US7490375 BB	20090217	US20070895201	20070823

Priority:

US20050285520 20051122 CA20062535381 20060207 US20060494422 20060727
US20070895201 20070823

Probable Assignee: LING AND ASSOCIATES LLC

Assignee(s): (std): LUK RICKY ; LUK RICKY W ; LUK RICKY WANGCHI

Assignee(s): LING AND ASSOCIATES LLC

Inventor(s): (std): LUK RICKY ; LUK RICKY W ; LUK RICKY WANGCHI

Agent(s): CHENG CLEMENT; CLEMENT; LAW OFFICES OF CLEMENT CHENG; WONG DAVID W

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
CA2535381 AA	20060207	LSES	+EEER	EXAMINATION REQUEST	
CA2535381 AA	20070522	LSPB	+	published / reissued	
CA2535381 AA	20100208	LSLE	-FZDE	DEAD	
US2007113329 AA	20070524	LSPB	+	published / reissued	
US2007113329 AA	20090608	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2007113329 AA	20090608		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION

US2007113335 AA	20070524	LSPB	+	published / reissued	
US2007113335 AA	20090608	LSWD	ABD3	Abandoned -- Failure to Respond to an Office Action	
US2007113335 AA	20090608		-STCB	INFORMATION ON STATUS: APPLICATION DISCONTINUATION	Text: ABANDONED -- FAILURE TO RESPOND TO AN OFFICE ACTION
US2007289058 AA	20071220	LSPB	+	published / reissued	
US2007289058 AA	20090128	LSGT	STCF	INFORMATION ON STATUS: PATENT GRANT	Text: PATENTED CASE
US7490375 BB	20090128	LSGT	PAT1	Patented Case	
US7490375 BB	20090217	LSGT	+	granted / extensions (spc, cpc, pte)	
US7490375 BB	20121001		REMI	MAINTENANCE FEE REMINDER MAILED	
US7490375 BB	20130118	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US7490375 BB	20130118		+SULP	SURCHARGE FOR LATE PAYMENT	
US7490375 BB	20160908	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US7490375 BB	20160908		+SULP	SURCHARGE FOR LATE PAYMENT	Year of fee payment: 7
US7490375 BB	20170110	LSAS	AS	ASSIGNMENT	Effective date: 20161218 OldParty: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR: LUK, CASSANDRA LEE;REEL/FRAME:040938/0288 Owner: LING AND ASSOCIATES, LLC, CALIFORNIA PartyType: owner
US7490375 BB	20200304	LSFE	+MAFP	MAINTENANCE FEE PAYMENT	Year of fee payment: 12
US7490375 BB	20251122	PEXP		Calculated Patent Term Expiry	

Title: Separating and **collecting** system for sorting different substances/materials, the **collecting** space of which **can** be located in housings, cabinets or behind coverings

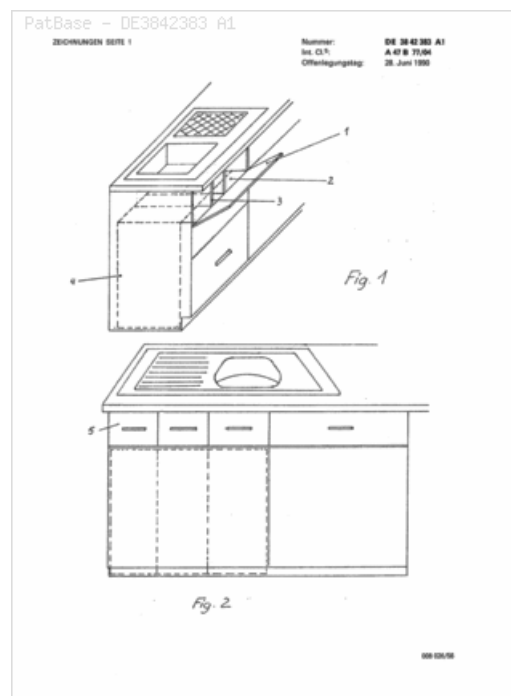
Abstract: Published without abstract.

Classifications:

International (IPC 8-9): A47B77/04 B65F1/10 B65F1/14

International (IPC 1-7): A47B77/04 A47B96/00 B65F1/00

CPC: A47B77/04 B65F1/10 B65F1/1426



Family:

Publication number	Publication date	Application number	Application date
DE3842383 A1	19900628	DE19883842383	19881216

Priority:

DE19883842383 19881216

Probable Assignee: HEROLD LOTHAR

Assignee(s): (std): HEROLD LOTHAR

Assignee(s): HEROLD LOTHAR 8761 ROELLBACH DE

Inventor(s): (std): HEROLD LOTHAR

Inventor(s): HEROLD LOTHAR 8761 ROELLBACH DE

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE3842383 A1	19900628	LSPB	+	published / reissued	
DE3842383 A1	19900802	LSLI	8122	NONBINDING INTEREST IN GRANTING LICENCES DECLARED	
DE3842383 A1	19960314	LSLE	-8141	DISPOSAL/NO REQUEST FOR EXAMINATION	

Title: DUAL INLET AIR GAP

Abstract: A dual inlet air gap having an air gap body comprising a pair of inlet ports having substantially the same size, rate of flow, and pressure drop to accept waste water flow from a pair of waste water sources for emptying into a single outlet port located between the pair of waste water sources.

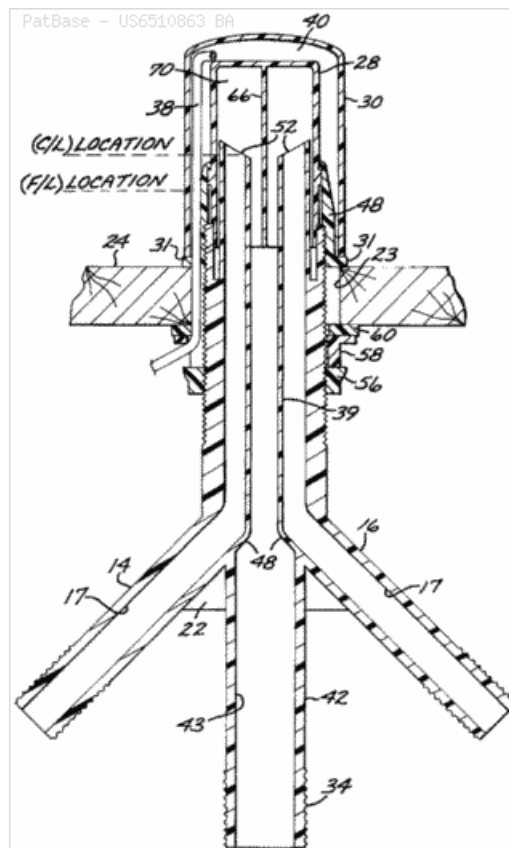
Classifications:

International (IPC 8-9): E03C1/12

International (IPC 1-7): E03C1/12

CPC: E03C1/12 E03C1/1225 Y10T137/3185 Y10T137/3222

US: 137/216 137/216.1



Family:

Publication number	Publication date	Application number	Application date
US6510863 BA	20030128	US20010872987	20010601

Priority:

US20010872987 20010601

Probable Assignee:

TRAYLOR PAUL L

Assignee(s):

TRAYLOR PAUL L

Inventor(s): (std):

TRAYLOR PAUL L

Inventor(s):

PAUL L TRAYLOR

Agent(s):

JOSEPH F MCLELLAN

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US6510863 BA	20030128	LSGT	+	granted / extensions (spc, cpc, pte)	
US6510863 BA	20060816		REMI	MAINTENANCE FEE REMINDER MAILED	
US6510863 BA	20061114	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 4
US6510863 BA	20061114		+SULP	SURCHARGE FOR LATE PAYMENT	
US6510863 BA	20100906		REMI	MAINTENANCE FEE REMINDER MAILED	
US6510863 BA	20101222	LSFE	+FPAY	FEE PAYMENT	Year of fee payment: 8
US6510863 BA	20101222		+SULP	SURCHARGE FOR LATE PAYMENT	Year of fee payment: 7

US6510863 BA	20140905		REMI	MAINTENANCE FEE REMINDER MAILED	
US6510863 BA	20150128	LSLE	-LAPS	LAPSE FOR FAILURE TO PAY MAINTENANCE FEES	
US6510863 BA	20150223	LSLE	PEX1	Patent Expired Due to NonPayment of Maintenance Fees Under 37 CFR 1.362	
US6510863 BA	20150223	LSLE	-STCH	INFORMATION ON STATUS: PATENT DISCONTINUATION	Text: PATENT EXPIRED DUE TO NONPAYMENT OF MAINTENANCE FEES UNDER 37 CFR 1.362
US6510863 BA	20150317	LSLE	-FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective date: 20150128
US6510863 BA	20210601	PEXP		Calculated Patent Term Expiry	

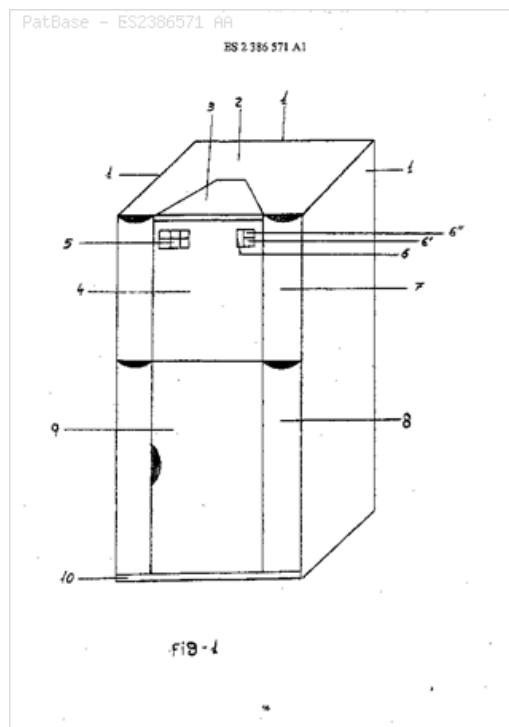
Title: ELECTRODOMESTICO SELECCIONADOR-REDUCTOR DE GARURA (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Electrical household appliance waste reducer. It consists of a rectangular appliance with standardized dimensions of easy coupling between kitchen furniture with a circular and vertical drum inside consisting of several tanks with two living quarters, side by side by means of an upper crown and a lower one with a central axis with motor and reducer in the upper part and an endless rod in the lower one with a fork, which once selected the tank, engages with the lower tongue of the presser blade and operates it up and down inside the upper compartment of the tank, proceeding when pressing or crushing the product, leaving its passage to the lower compartment where it is picked up by the corresponding **garbage** bag for organic and inorganic products, for the **collection** of liquids and spent batteries or batteries, the appliance has four **drawers** on the side of its front with the corresponding containers, as well as a folding door in the lower part for the removal of the **garbage** bags full of each deposit. (Machine-translation by Google Translate, not legally binding)

Classifications:

International (IPC 8-9): B65F1/00

CPC: B65F1/00 Y02W30/10 Y02W30/60



Family:

Publication number	Publication date	Application number	Application date
ES2386571 AA	20120823	ES20100001434	20101110
ES2386571 BA	20130711	ES20100001434	20101110

Priority:

ES20100001434 20101110

Probable Assignee: LOPEZ SERRANO ALFREDO
Assignee(s): (std): LOPEZ SERRANO ALFREDO
Assignee(s): ALFREDO LOPEZ SERRANO
Inventor(s): (std): LOPEZ SERRANO ALFREDO
Inventor(s): ALFREDO LOPEZ SERRANO
Agent(s): GARDE FRANCISCO DE PAULA

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES2386571 AA	20120823	LSPB	+	published / reissued	
ES2386571 BA	20130711	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2386571 BA	20130711	LSGT	+FG2A	DEFINITIVE PROTECTION	Effective date: 20130711 Kind code of Ref document: B1 Ref document number: 2386571 Country of Ref document: es
ES2386571 BA	20301110	PEXP		Calculated Patent Term Expiry	

Title: Caddy for compacted-refuse

Abstract: A double hinged openwork compacted-refuse caddy having a flat bottom with open ends giving free access in the caddy-open position for drag-on loading of a bag of compacted **garbage**; when closed, upwardly inclined top structure affords a carrying grip and prevents upside down placement; a rodlike securance having a loop at one end engages rods in the top structure to keep the caddy closed.

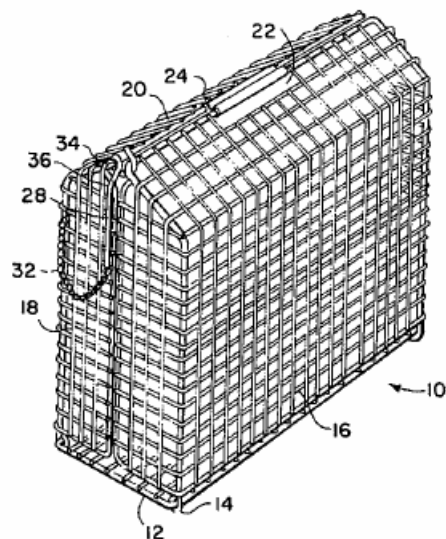
Classifications:

International (IPC 1-7): B65D6/08 B65D7/20

CPC: B65D7/20

US: 220/19 220/4.22 220/485 220/7 294/169

PatBase - US3874547 A



Family:

Publication number	Publication date	Application number	Application date
US3874547 A	19750401	US19730345772	19730328

Priority:

US19730345772 19730328

Probable Assignee:

HOWARD DONALD W

Assignee(s): (std):

HOWARD DONALD W

Inventor(s): (std):

HOWARD DONALD W

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
US3874547 A	19750401	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: MOTORISED **GARBAGE** FLUID REMOVAL PRESS - HAS RIDGED AND CHANNELED PRESSING HEAD AND SEMI-CIRCULAR UNDER MOULD

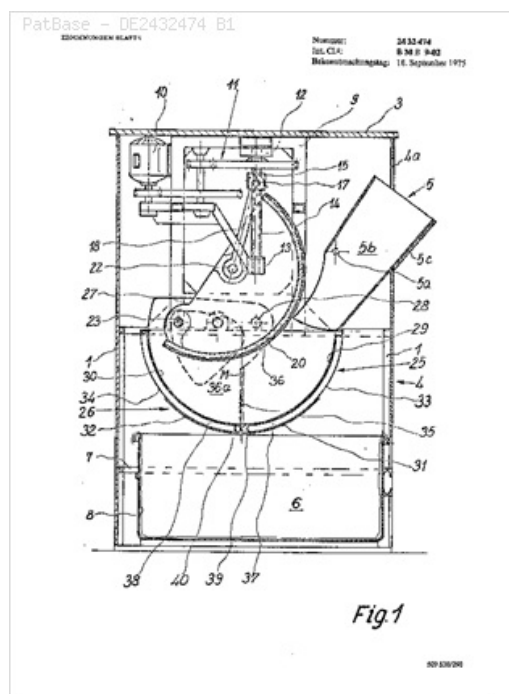
Abstract: A motorised press for removal of fluids, e.g. water, from **garbage** has a semi-rotating press head with a channelled surface which fits down into a ridged under mould which has a series of water outlets emptying into a container. **Garbage** entering the inlet chute which is rotatable is compressed by the action of the press head and the fluids thus removed are allowed to run away into the **collection** vessel for discharge. The press is operated mechanically through a reduction gear and a series of levers from a small motor carried at the top of the unit housing.

Classifications:

International (IPC 8-9): B30B9/00 B30B9/02 B30B9/06 B30B9/30

International (IPC 1-7): B30B9/02 B30B9/30

CPC: B30B9/06 B30B9/067 B30B15/065



Family:

Publication number	Publication date	Application number	Application date
DE2432474 A1	19750918	DE19742432474	19740706
DE2432474 B1	19750918	DE19742432474	19740706
DE2432474 C2	19760429	DE19742432474	19740706
DE2437993 A1	19760108	DE19742437993	19740807
DE2437993 B1	19760108	DE19742437993	19740807
DE2437993 C2	19760826	DE19742437993	19740807

Priority:

DE19742432474 19740706 DE19742437993 19740807

Probable Assignee: MENGELE AND SOEHNE MASCH KARL

Assignee(s): (std): MENGELE AND SOEHNE MASCH KARL

Assignee(s): KARL MENGELE AND SOEHNE MASCH U EISENGIESSEREI GUENZBURG DONAU 8870 GUENZBURG ; KARL MENGELE AND SOEHNE MASCHINENFABRIK UND EISENGIESSEREI GUENZBURG DONAU 8870 GUENZBURG

Inventor(s): (std): MENGELE ALOIS ; SANTIC BLAZ DIPL ING

Inventor(s): MENGELE ALOIS 8870 GUENZBURG ; TEILNICHTNENNUNG BEANTRAGT

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
DE2432474 A1	19750918	LSPB	+	published / reissued	
DE2432474 B1	19750918	LSPB	+	published / reissued	
DE2432474 B1	19771231		+E77	VALID PATENT AS TO THE HEYMANN-INDEX 1977	
DE2432474 B1	19880714	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE2432474 C2	19760429	LSGT	+	granted / extensions (spc, cpc, pte)	
DE2437993 A1	19760108	LSPB	+	published / reissued	
DE2437993 B1	19760108	LSPB	+	published / reissued	
DE2437993 C2	19760826	LSGT	+	granted / extensions (spc, cpc, pte)	

DE2437993 C2	19771231		+E77	VALID PATENT AS TO THE HEYMANNS-INDEX 1977
DE2437993 C2	19880818	LSLE	-8340	PATENT OF ADDITION CEASED/NON-PAYMENT OF FEE OF MAIN PATENT

Title: COLD BIN (Machine translation)

Abstract: Source: FR3031509 A1 **Machine translation:** Refrigeration of perishable organic waste. The cold is a trash clean trash to the individual but also for communities and professionals. It is metal or plastic insulated or combined in a refrigerator, are refrigerant system is governed by electricity or solar energy with systems or sensors to modulate the temperature depending on the environment and or the amount of waste, and the will of the user, with the possibility to interrupt the activity has refrigerante repeatedly. Refrigeration of perishable waste avoids the development of germs, flies and midges (including fruit flies, suzukii) and removes odors. The principle of cooling of waste facilitates the transport of non-liquefied waste. Finally refrigeration limit the influx of dogs, cats and various rodents if the **garbage** is deposited on the outside.

Classifications:

International (IPC 8-9): B65F1/14

CPC: B65F1/0006 B65F1/14 B65F2210/116

Family:

Publication number	Publication date	Application number	Application date
FR3031509 A1	20160715	FR20150000042	20150108

Priority:

FR20150000042 20150108

Probable Assignee: ROLAND PRADINES FRANCOISE YOLANDE

Assignee(s): (std): ROLAND PRADINES FRANCOISE YOLANDE

Assignee(s): FRANCOISE YOLANDE ROLAND PRADINES

Inventor(s): (std): ROLAND PRADINES FRANCOISE YOLANDE

Inventor(s): FRANCOISE YOLANDE ROLAND PRADINES

Agent(s): FRANCOISE ROLAND PRADINES

Legal status (INPADOC)

[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
FR3031509 A1	20150701	LSFE	+PLFP	FEE PAYMENT	Year of fee payment: 2
FR3031509 A1	20160715	LSPB	+	published / reissued	
FR3031509 A1	20160715		+EXTE	EXTENSION TO A FRENCH TERRITORY	Country of Ref document: PF
FR3031509 A1	20160715	LSSES	PLSC	SEARCH REPORT READY	Effective date: 20160715