

Search history

Search step	Result(s)	Query
16	165	(HANDLER AND BOWL AND KITCHEN)/TI/AB/TX
15	0	(BOWL HANDLER AND FIX+ AND KITCHEN)/TI/AB/TX
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6	1	(HANDLER AND FIX+ AND BOWL)/TI/AB/TX AND (B25G-003/00)/CPC
5	1464	(HANDLER AND FIX+ AND BOWL)/TI/AB/TX
4	86148	(HANDLER AND FIX+)/TI/AB/TX
3	933	(GLASS AND SHAP+ AND BEND+ AND APPARATUS AND PRESS+ AND MEMBRANE)/TI/AB/TX AND (C03B)/IPC
2	8901	(GLASS AND SHAP+ AND BEND+ AND APPARATUS AND PRESS+)/TI/AB/TX AND (C03B)/IPC
1	32109	(GLASS AND SHAP+ AND APPARATUS AND PRESS+)/TI/AB/TX AND (C03B)/IPC

100 Documents

Publication numbers	Title	Current assignees
DE102006003066 A1	Kitchen assembly device, has work plate movable relative to sink on work surface, and recess is provided in plate so that recess is positionable temporarily above bowl , by moving plate on surface over bowl	TEKA KÜCHENTECHNIK
WO201479135 A1	Integrated apparatus for comprehensive treatment of food waste and product manufacturing method	SOUTH CHINA REBORN RESOURCES ZHONG SHAN
CN101856200 A	Cutter braking mechanism of food processor	GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS
CN201445423U U	Kitchen utensil with safety interlocking device	HAMILTON BEACH BRANDS
CN105290088 A	Kitchen garbage disposal machine	SHANGHAI DIANJI UNIVERSITY
CN204638297U U	Meal kitchen waste disposal machine	River Spring Island, ...
CN205367942U U	Method for kitchen water treatment-liquid separation means Dining pigwash	SHANGHAI ALANDA PUMPS
EP-824887 A1	Kitchen appliance to cut or grate matter, in particular fruits and vegetables	BOERNER A
CN2218605U Y	Garbage treating machine in kitchen	INSTITUTE OF ELECTRICAL ENGINEERING CHINESE ACADEMY OF SCIENCES
KR20120003629U U	The Sewage Treatment Plant of Ship	DAEWOO SHIPBUILDING & MARINE ENGINEERING
EP3389955 A2	Robotic kitchen including a robot, a storage arrangement and containers therefor	MBL
CN104895160 A	Disposer capable of smashing high-tenacity and high-hardness kitchen garbage efficiently	LISHUI TIANNING MOTOR
EP3054818 A1	Ice-crushing attachment for a multi-purpose kitchen machine	KENWOOD
EP3413768 A1	Kitchen appliance drive unit, kitchen appliance and attachment	PHILIPS
WO2019134209 A1	Highly integrated, intelligent, automated kitchen	FU FENGFENG
EP3463019 A1	Kitchen appliance and apparatus therefor	KENWOOD
KR200344331U Y1	Food and Kitchen table	KO, BONG SEOK
US20170014828 A1	Organic garbage and kitchen waste processing assembly	LONGYAN WEINI JUEYA ENVIRONMENTAL PROTECTION PRODUCT TECHNOLOGY
CN209315241U U	Multi-function kitchen sink cabinet integrated scouring	LAN JIAN
CN108339828 A	Kitchen waste disposal system	QIAO YANG

Publication numbers	Title	Current assignees
CN108175199 A	Highly integrated intelligent automation kitchen	FU FENGFENG
CN108607866 A	Kitchen waste processor	HESHUN DADI ECOLOGICAL TECHNOLOGY DEVELOPMENT
CN208288660U U	Kitchen waste disposal unit	HESHUN DADI ECOLOGICAL TECHNOLOGY DEVELOPMENT
CN203295377U U	Uncapping odor-resistant device of kitchen garbage disposal device	JIANGMEN IDEAR HANYU ELECTRICAL APPLIANCE
CN101874714 A	Multifunctional food processor	GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS
CN108867784 A	Household food waste processor and use method	FUZHOU UNIVERSITY
CN2548041U Y	Environmental-protection cleaning-free kitchen hood	SHEN ZHONGLIANG
US20190088281 A1	Reservation-based management of movable components	ORACLE INTERNATIONAL
CN205926573U U	Surplus refuse treatment machine upper cover structure in kitchen	SUZHOU HONBASE MACHINERY MANUFACTURE
WO201342641 A1	Automatic electrical drive power-incorporated/fixed miniature plant device for high-output private generator using high-density and high calorific value pellets	JOINTCOMPANY KAIRIYUNITY
TWM494270 U	Water-washing type oil and odor of dust removal machine and its filter assembly	TU, GUAN-YU
KR200345831U Y1	Shelf with Lighting Apparatus	KIM, YOUNG-SHIN
EP2274706 A1	Techniques for producing an electrical pulse	CORRELATED MAGNETICS RESEARCH
CN209391426U U	Integrated dish washing, disinfection, storage unit cabinet	LAN JIAN
EP2873631 A1	Tank transport unit, in particular rinsing tank transport unit	SCHOCK
CN209346721U U	Food processor of the butter softening fitting	GUANGDONG BAISHENG TU TECHNOLOGY
CN207285836U U	Cup body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
CN208235652U U	Stealthy formula ultrasonic cleaning drives incomplete integrated cell body of farming with ion electrolysis	LAN JIAN
EP3030121 A1	Food preparation equipment	KENWOOD
CN109820439 A	Scallion, ginger and garlic processor	GUANGZHOU FUKORN VANGUARD INTELLIGENT

Publication numbers	Title	Current assignees
		TECHNOLOGY
CN207412000U U	Cup body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
CN207220660U U	Cup body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
CN2401139U Y	Vegetable, fruit and tableware washing machine	YAO LING
CN206434291U U	Tableware self - cleaning equipment	FUJIAN YOUJIA ELECTRONIC COMMERCE
CN206616629U U	Domestic reclaimed water treatment machine	FU SHILEI
EP3275806 A1	A concentrated food product and method for preparing same	KERRY LUXEMBOURG
EP2463586 A1	Push-in cooked product holder and cooking devices with the push-in cooked product holder	BSH HAUSGERAETE
KR20140001674U U	Removable toilet food processing apparatus. Wall hanging	BAK HEUNG BOK, ...
WO2016183322 A1	Hydrophobic coating of particulates for enhanced well productivity	PREFERRED TECHNOLOGY
EP2182774 A1	Microwave heating device	PANASONIC
EP-909800 A1	Coating composition and coating film	DAIKIN INDUSTRIES
EP3285603 A1	Potato peeler	BREVILLE
CN205391032U U	Food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN107080466 A	Food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN205391031U U	Food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN107080461 A	Food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
EP3054780 A1	Functional protein derived from animal muscle tissue or mechanically deboned meat and method for making the same	PROTEUS INDUSTRIES
CN108113440 A	Spiral head, crushing barrel and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN206612528U U	Barrel body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...

Publication numbers	Title	Current assignees
CN108113441 A	Bucket body assembly and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
WO201814236 A1	Intelligent restaurant food waste collecting and processing machine	LE GUOQIANG
CN206761314U U	Spiral head, crushing bucket and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
EP2526511 A2	Intelligent automated assistant	APPLE
EP-991453 A1	Interactive toy	HASBRO
EP-980665 A1	Use of composite materials for cookware	DAIKIN INDUSTRIES
WO200121722 A1	Photocatalytic hydrophilic coating material	TOTO
EP1889160 A2	Software architecture system and method for communication with, and management of, at least one component within a household appliance	WHIRLPOOL
CN206612531U U	Barrel body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN108113507 A	Extrusion barrel and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
WO2019202526 A2	A handheld tool	GENIIQ PTE
CN108125543 A	Barrel assembly and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
CN206612524U U	Barrel body component and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING, ...
EP1652990 A1	Water supply device, water supply method, and washing machine having water supply device	SHARP
US20040250634 A1	Method and apparatus for cascade impactor testing of inhalable drug therapies recovery for chemical analysis	PNC BANK
CN108784270 A	Screw and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
EP2887848 A1	Safety system for household food-processing device	PHILIPS
KR101632548 B1	Food waste disposal device	OH, JANG SEOP, ...
CN104133527 A	Mobile phone computer, operating system, input device and application of mobile phone computer, operating system and input device	JIANG GUOCHANG
CN108125542 A	Barrel assembly and food processor	GUANGDONG MIDEA LIFE

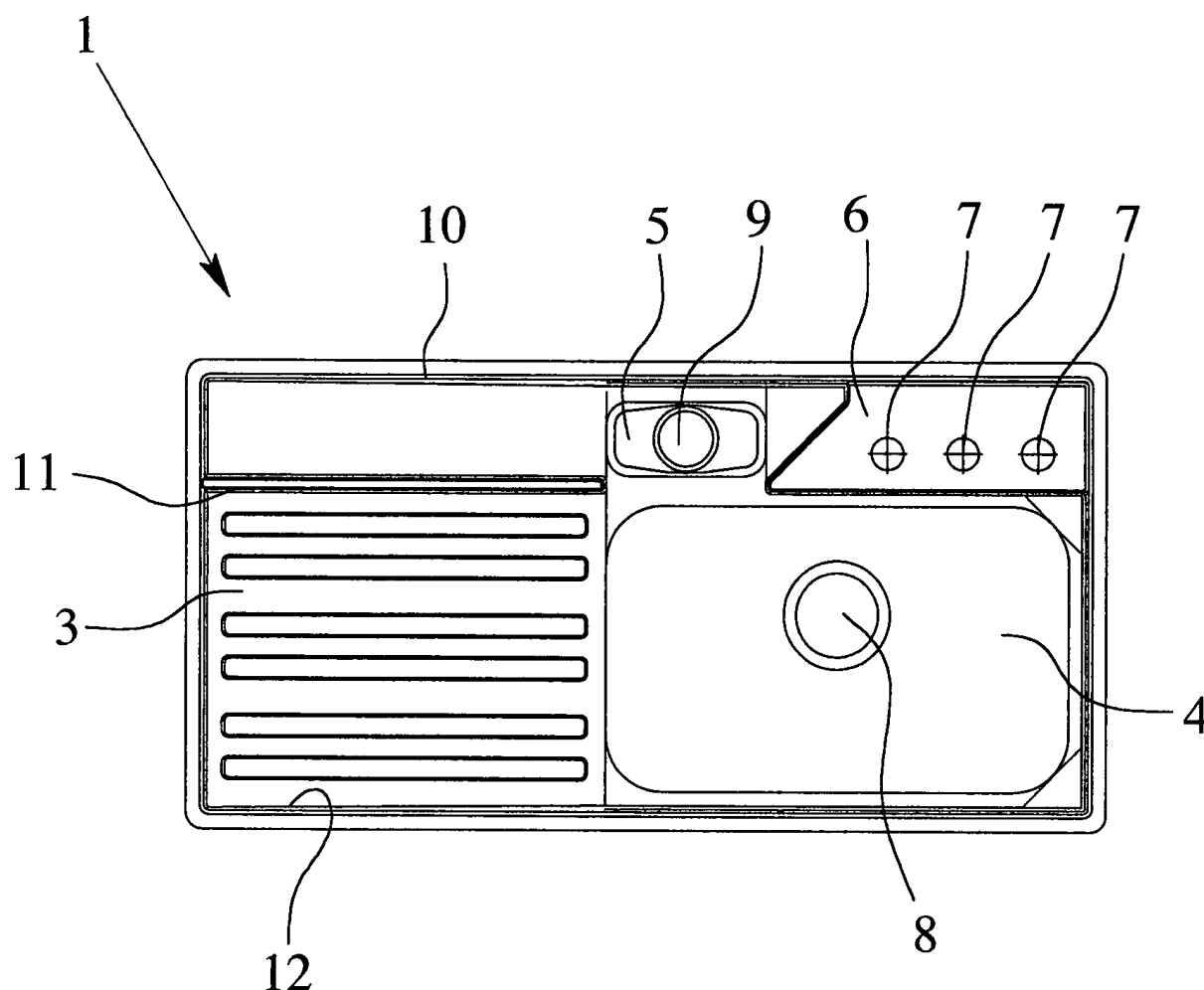
Publication numbers	Title	Current assignees
		ELECTRICAL APPLIANCE MANUFACTURING, ...
CN108784267 A	Screw and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
CN207285847U U	Screw rod and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
WO2015199884 A1	Estimating energy content for food waste disposal, storage, and treatment system	EMERSON ELECTRIC
CN207285846U U	Screw rod and food processor	GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
EP3116459 A1	Support and packaging for membranes	OSIRIS THERAPEUTICS
EP2653319 A1	Method of forming a decorated compression molded component	KOHLER
EP3510338 A1	Safety mechanism for firearms	CLIPFORT
EP3068694 A1	Improved shrink wrap packaging	LACTOTE
EP1311372 A2	Use of a friction control article for wet and dry applications.	3M
EP1609295 A1	Sensory output devices	BT
US3195510 A	Insect protected bird and animal feeder	BERUSTEIN ALBERT A
EP-813821 A1	Processed fish meat and process for producing said fish meat	KATAYAMA
EP2289330 A2	Microbicidal composition	ROHM & HAAS
US20060118560 A1	Water shedding designs for receptacle bottoms	SCHUR WARREN M
WO201320623 A1	Treatment device	MILLER CORNELIA
WO201959844 A1	Dish washing apparatus and dish drying apprartus	BLOSH
US20170284076 A1	Systems and methods for automatically cleaning a lavatory floor	BOEING
EP2840112 A1	Stabilized polymer compositions and methods of making same	BÄRLOCHER
US20170283092 A1	Systems and methods for cleaning interior portions of a vehicle	BOEING
KR101074349 B1	Food waste treatment device using ermentation microbe inoculation decomposition, which can be attached to a sink	OM, MAN-YONG
US20180134949 A1	Hydrophobic Coating of Particulates for Enhanced Well Productivity	PREFERRED TECHNOLOGY

Family 1/100 - FAMPAT - ©Questel

Title

(DE102006003066)

Kitchen assembly device, has work plate movable relative to sink on work surface, and recess is provided in plate so that recess is positionable temporarily above **bowl**, by moving plate on surface over **bowl**

Images**Publication numbers with kind code & date**

ES2333563	B1	2010-12-17	ES2333563
ES2333563	A1	2010-02-23	ES2333563
DE102006003066	B4	2008-03-27	DE102006003066
DE102006003066	A1	2007-08-09	DE102006003066

**Abstract**

(DE102006003066)

The device (2) has a work surface (3) with a sink (4), and a work plate (14) is adjustably arranged on the work surface. The work plate is movable relative to the sink on the work surface over a **bowl**. A recess is provided in the work plate in such a manner that the recess is positionable temporarily above the **bowl**, by moving the work plate on the work surface over the **bowl**. Two opposite sides of the work plate are supported in each moving position of the work plate relative to the sink, on the sink. An independent claim is also included for a work plate for utilization in a **kitchen** assembly device.

Inventors

MUELLER STEPHAN

Latest standardized assignees - inventors removed

TEKA KÜCHENTECHNIK

Family 2/100 - FAMPAT - ©Questel

Title

Images



MM PRODUCT: BIODIESEL
NN PRODUCT: EMULSIFIED DIESEL
OO EMULSIFIED DIESEL PRODUCTION PLANT
PP PLASMA PHOTOCATALYSIS NEGATIVE-ION AIR
DECONTAMINATING/DISINFECTION PLANT
QQ NEGATIVE-ION WASTE CONTAINER
RR FOUL GASES
SS FAST WASTEWATER TREATMENT PLANT
TT HYBRID CHARGED ADSORBENT PRODUCTION PLANT
UU PRODUCT: INDUSTRIAL RECYCLED WATER
VV PRODUCT: CHARGED ADSORBENT

RU2015123832	A	2017-01-10	RU2015123832
HK1180641	A1	2016-11-04	HK1180641
CN103056152	B	2016-03-02	CN103056152B
HK1180631	A1	2015-12-24	HK1180631
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CN103071666	B	2015-07-08	CN103071666B
CN103074131	B	2015-07-08	CN103074131B
CN103072726	B	2015-06-03	CN103072726B
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WO2014/079135	A1	2014-05-30	WO201479135				
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WO2014/079170	A1	2014-05-30	WO201479170				
WO2014/079171	A1	2014-05-30	WO201479171				
WO2014/079172	A1	2014-05-30	WO201479172				
WO2014/079173	A1	2014-05-30	WO201479173				
CN203316248	U	2013-12-04	CN203316248U				
CN203323492	U	2013-12-04	CN203323492U				
CN203124392	U	2013-08-14	CN203124392U				
CN203124393	U	2013-08-14	CN203124393U				
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CN103115477	A	2013-05-22	CN103115477				
CN103084049	A	2013-05-08	CN103084049				
CN103071666	A	2013-05-01	CN103071666				
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CN103056022	A	2013-04-24	CN103056022				
CN103056151	A	2013-04-24	CN103056151				
CN103056152	A	2013-04-24	CN103056152				
CN103060100	A	2013-04-24	CN103060100				

Abstract

(WO2014/079135)

Disclosed are integrated equipment for comprehensive treatment of food waste and a product manufacturing method. The equipment consists of a central intelligent automatic control system, an air treatment system, a straw biochemical system, an advanced oxygenation forced decontamination system, a joint screening and impurity removal system, a composite biochemical system, an automatic drying system, a joint conveyor system, a waste plastic reverse engineering system, a sludge treatment system, a wastewater treatment system, a grease treatment system, and a hot flue gas joint treatment system. Products produced are a nutrient-rich microbial protein feed, a National Standard III mineral diesel, a biodiesel, an emulsified diesel, a low-sulfur clean coal, a hybrid charged adsorbent, and industrial recycled water. The rate of resource utilization of food waste reaches 95% or more, and the production process is basically free of wastewater discharge, free of sludge transfer, free of greenhouse emission, free of odor emission, free of smog emission, and free of residue transfer.

Inventors

XU WENJI

LEE KWOK SING

LEE HON SING

LEE CHUN SING

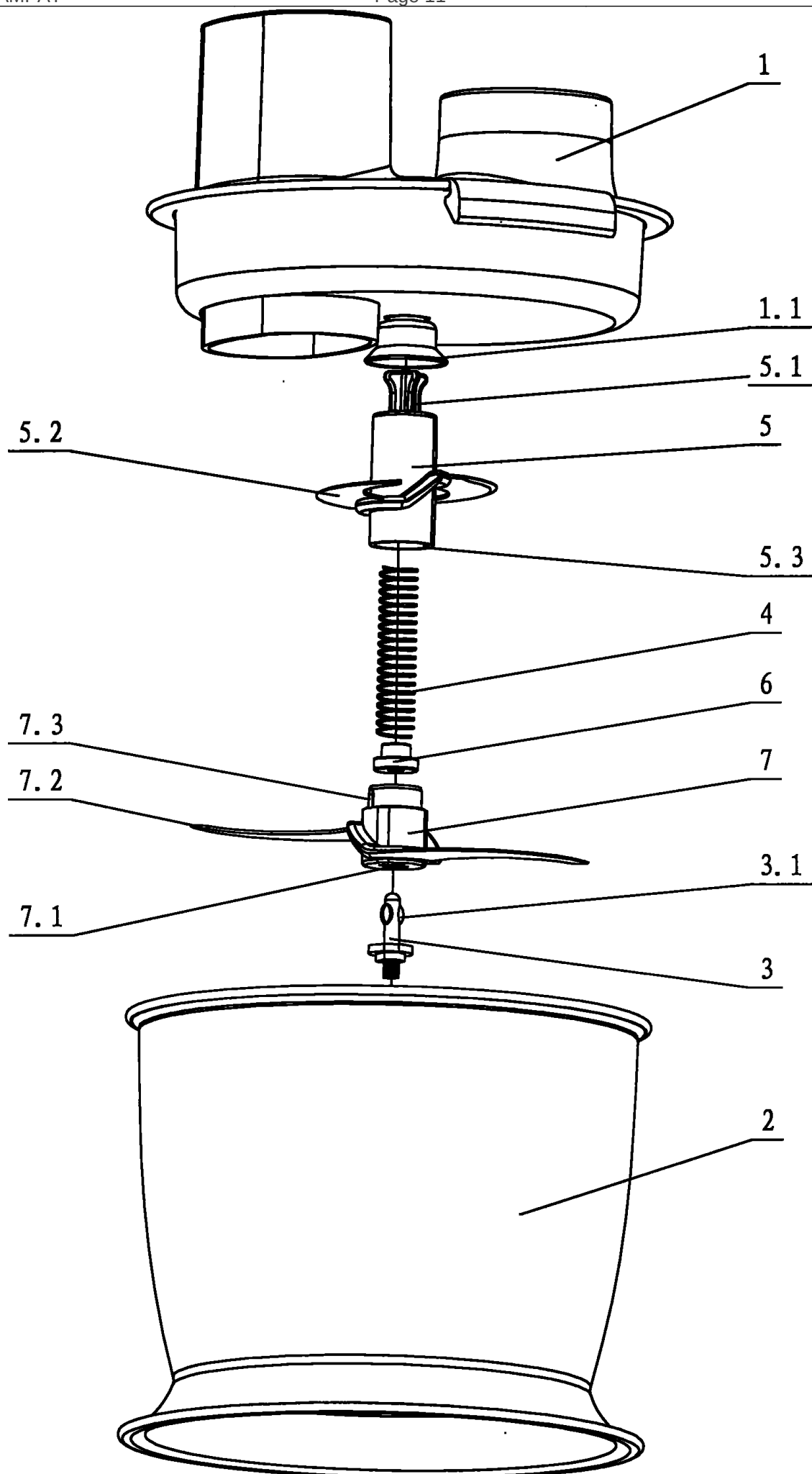
Latest standardized assignees - inventors removed

SOUTH CHINA REBORN RESOURCES ZHONG SHAN

(CN101856200B)

Cutter braking mechanism of food processor

Images



Publication numbers with kind code & date

CN101856200	B	2012-12-12	CN101856200B
CN101856200	A	2010-10-13	CN101856200

**Abstract**

(CN101856200)

The patent refers to the field of 'kitchen equipment; coffee mills; spice mills; apparatus for making beverages'. The cutting tool of a kind of food tape handler brakes structure, including bowl cover assembly, top knife assembly, playing one one hundred sheets of assemblies and cup, there are flanges on its fix shaft of cup bottom, playing one one hundred sheets of assemblies corresponds to the cup bottom and positions the axle flange and sets up the flexible slipping and locking mechanism. The elasticity slips and the locking mechanism includes the slide blocks in the form of tee of the spring, comb cut and corresponds to the position blocking that the flange sets up. It is a hollow cylinder to play one one hundred sheets of assemblies, there are holes of steps in its inside, the aperture of the hole of the step sets up the bottom of the infra knife assembly, the position blocking is set up on the aperture; Step macroscopic-void of hole set up infra of upper portion of assembly, slide blocks set up in macroscopic-void; One end of the spring is connected with slide blocks, in addition one end is stretched into in the top knife assembly. This invention is simple in construction, safe and reliable, the cutting tool is braked fast, can prevent users after opening the bowl cover effectively it injures users that the tool unit flies out of under the influence of inertia, and prevent the user from missing when the tool unit fail to stop spin because of inertia.

Inventors

GUO JIANGANG

Latest standardized assignees - inventors removed

GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS

Family 4/100 - FAMPAT - ©Questel

Title

(CN201445423U)

Kitchen utensil with safety interlocking device

Images

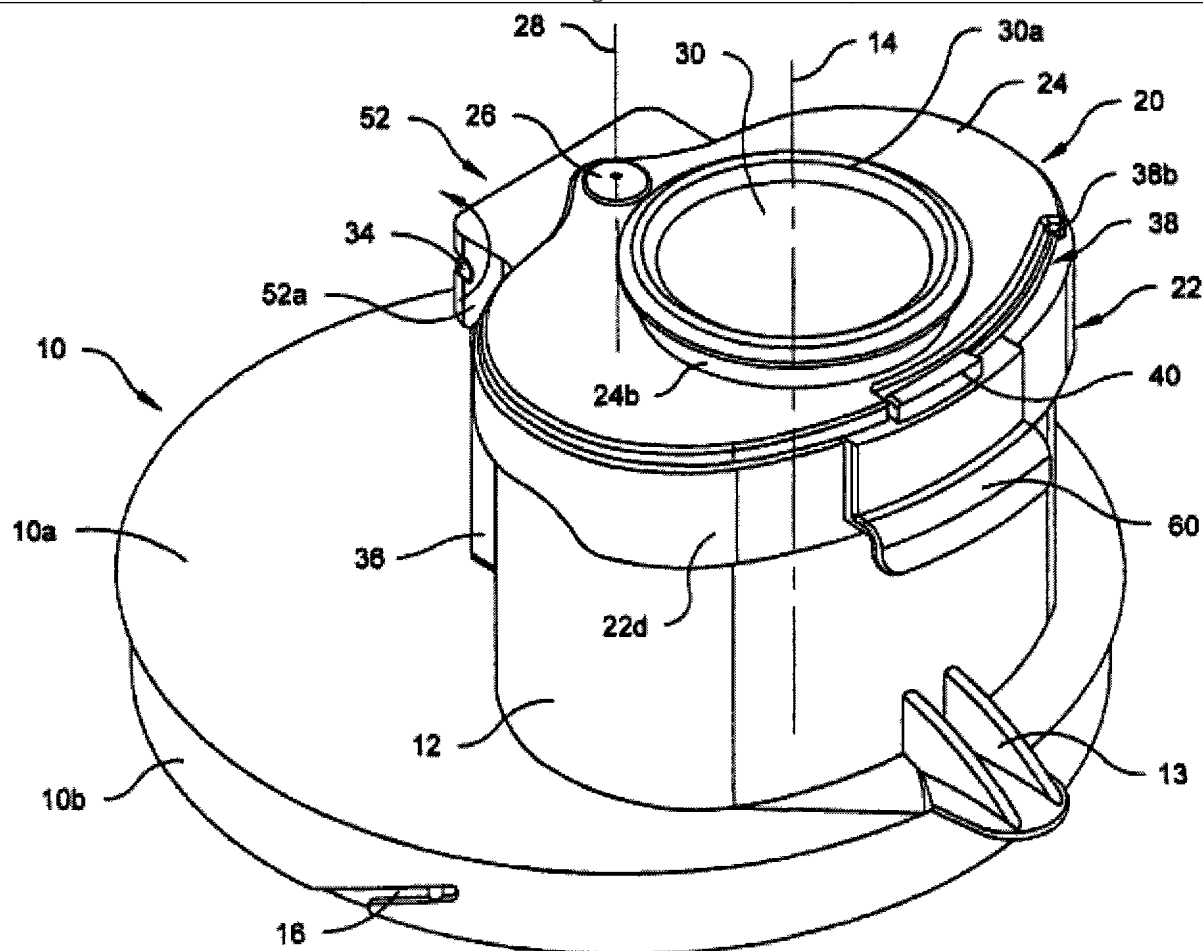


图 1

Publication numbers with kind code & date

CN201445423

U

2010-05-05

CN201445423U

**Abstract**

(CN201445423)

A **kitchen** utensil with safety interlocking device for processing food comprises a cabinet with an electromotor and a switch, wherein the switch can start the electromotor in the cabinet. A **bowl** body is located in the cabinet, and is provided with a first actuator for alternately starting the switch, a **bowl** cover can be detachably installed on the upper side of the mouth of the **bowl** body, and can be installed on the mouth of the **bowl** body when the **bowl** body and the **bowl** cover are located on working positions. A feed pipe is divided into a feeding cavity with a feed inlet, and is provided with a second actuator which is in the working relationship with the first actuator. A feed pipe cover body is rotationally and detachably installed on the feed pipe, and consists of an adjusting plate. The adjusting plate is contacted with the second actuator for pushing the second actuator to the operation position thereof, thereby starting the switch through the first actuator when the feed pipe cover body is closed.

Inventors

Marc Steiner

Latest standardized assignees - inventors removed

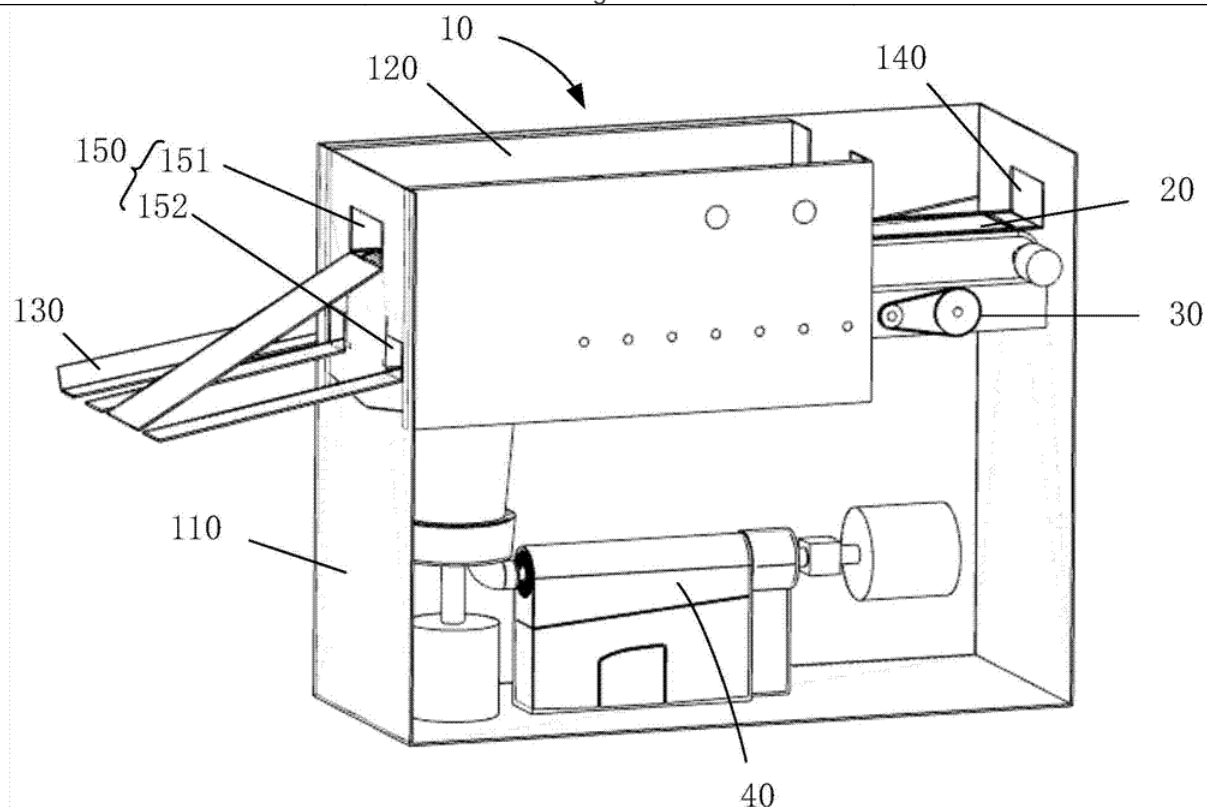
HAMILTON BEACH BRANDS

Family 5/100 - FAMPAT - ©Questel

Title

(CN105290088)

Kitchen garbage disposal machine**Images**



Publication numbers with kind code & date

CN105290088	B	2018-03-06	CN105290088B
CN105290088	A	2016-02-03	CN105290088



Abstract

(CN105290088)

The invention discloses a **kitchen** garbage disposal machine. The **kitchen** garbage disposal machine comprises a frame structure, a dinner plate separation layer, a soup **bowl** separation layer and a residue disposal layer, wherein the frame structure comprises a body, a support frame mounted on the body, and a first slide way arranged at one side of the body; a tableware inlet and a tableware outlet are formed in the body; the tableware outlet comprises a dinner plate outlet and a soup **bowl** outlet; the dinner plate separation layer comprises a conveying belt, a brush and an electric push rod; the two ends of the conveying belt are respectively corresponding to the tableware inlet and the dinner plate outlet; the brush is fixed at one end of the electric push rod; the electric push rod is fixed on the support frame, and is opposite to the conveying belt; the soup **bowl** separation layer is arranged at the two sides of the lower side of the dinner plate separation layer, is corresponding to the soup **bowl** outlet, and is used for separating soup bowls from residues; and the residue disposal layer is arranged below the soup **bowl** separation layer, and is used for disposing residues. The **kitchen** garbage disposal machine can realize high-quality separation of residues and tableware, and can further separate the tableware.

Inventors

WANG JIANXIN
 HOU PEIHONG
 GAO CHAO
 LIN XIAO
 SHI JIAMIN
 GUO TIEXIN

Latest standardized assignees - inventors removed

SHANGHAI DIANJI UNIVERSITY

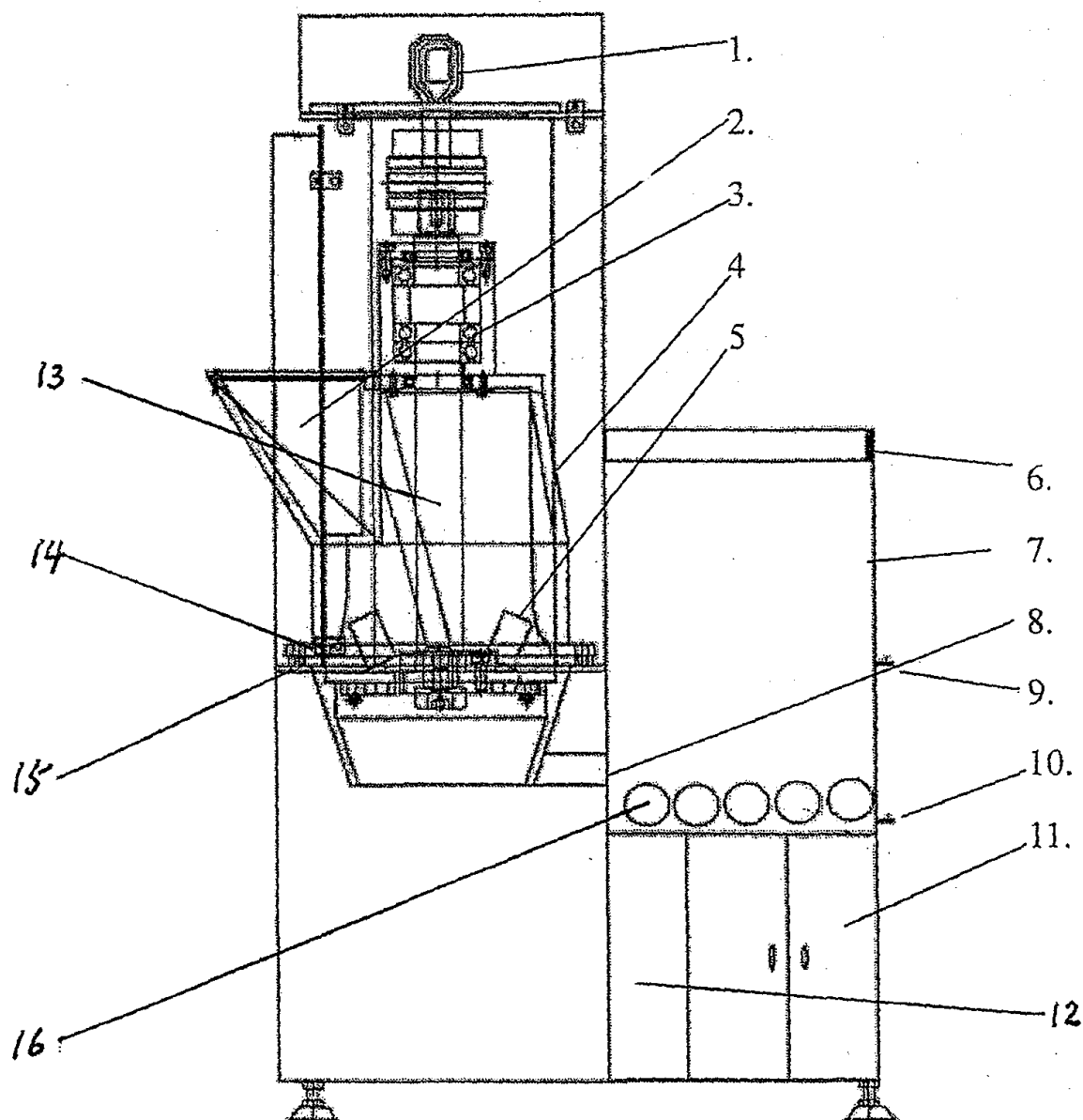
Family 6/100 - FAMPAT - ©Questel

Title

(CN204638297U)

Meal **kitchen** waste disposal machine

Images



Publication numbers with kind code & date

CN204638297

U

2015-09-16

CN204638297U



Abstract

(CN204638297)

The utility model discloses a meal **kitchen** waste disposal machine comprises rubbing crusher box and discarded object box, and the rubbing crusher box is opened has dog -house and crushing thing discharge port, axle on the rubbing crusher box with spinning blade fixed and with the fixed blade cooperation, smash the separate tank intercommunication of thing discharge port and discarded object box, one side top -down of separate tank opens has scattered gas pocket, outlet and deslagging mouth, the separate tank bottom sets up one row the scattered trachea and the air compressor machine cooperation of separate tank below. This processor will be eaten the **kitchen** discarded object and smashed, pollute to smash the thing and go to water, thing separate tank to from smashing the thing discharge port. The fine bubble that produces through the tracheal gas pocket aeration that looses will pollute to be smashed the thing and isolates to float and become to tiny granule after carrying out smashing repeatedly in the suspended solid to re -enter the rubbing crusher box of the surface of water, until pulpiness liquid, follows sewer pipe at last and emits into septic tank and municipal sewage system. **Kitchen** garbage processs through this processor and has reached the provisions of the relevant regulations issued by the state and environmental protection requirement.

Inventors

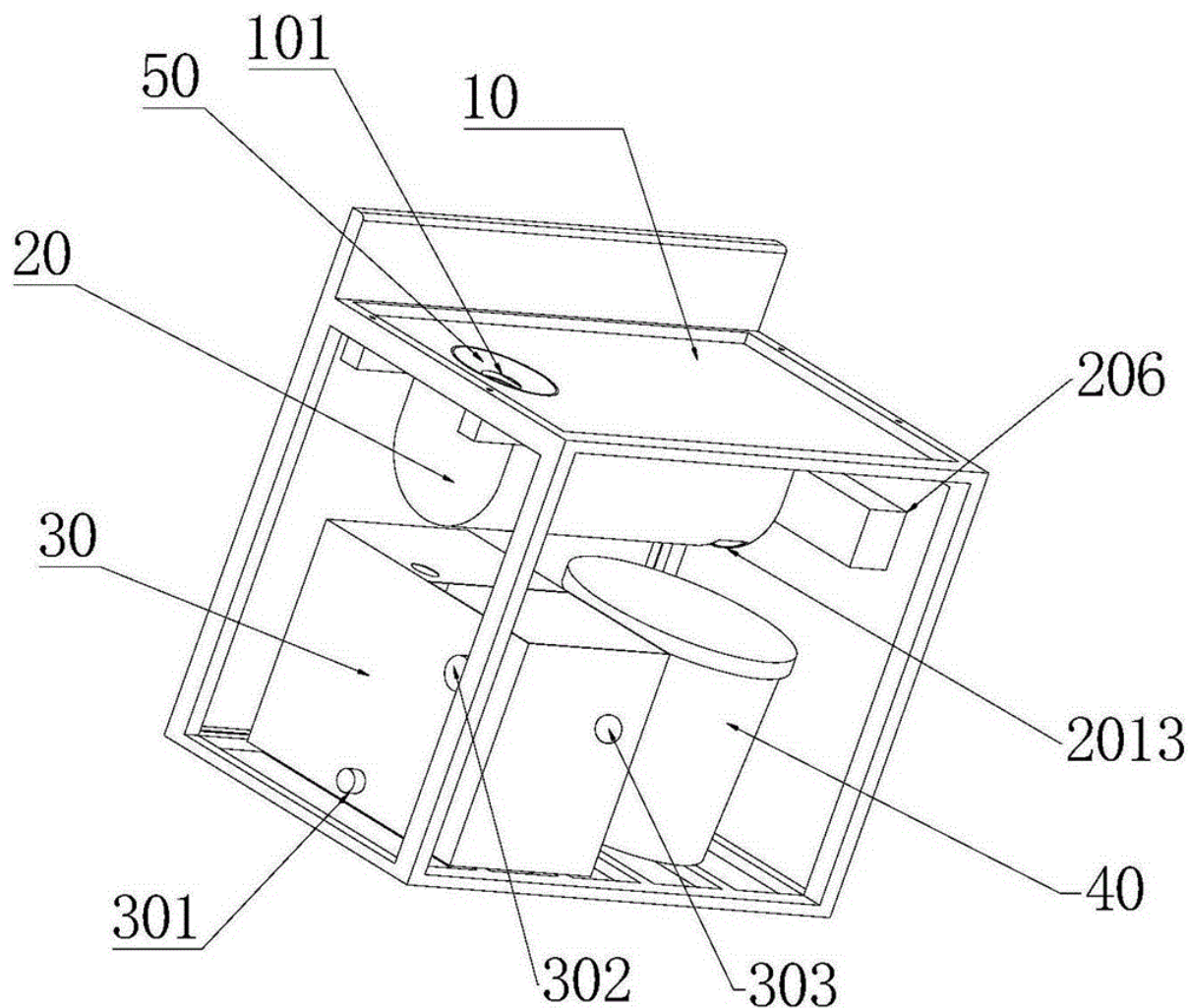
ZHENG MINGJI

River Spring Island

Family 7/100 - FAMPAT - ©Questel

Title

(CN205367942U)

Method for **kitchen** water treatment-liquid separation means Dining pigwash**Images****Publication numbers with kind code & date**[CN205367942](#)

U

2016-07-06

CN205367942U

**Abstract**

(CN205367942)

The present utility model relates to the field of environmental protection mechanism, which discloses a method for **kitchen** Dining pigwash water treatment-liquid separation means, wherein the drive shaft is fixed to the right end of the cylinder screen, a drive shaft bearing provided at the end of the barrel portion of a support, for supporting the lower left corner of the screen cylinder is provided with a bearing cylindrical strainer wall; solid-liquid separator cylinder screen by the reduction motor-driven rotating in the barrel, which barrel-Opened and the filter holes of fixed vanes, which is provided with a feed port penetrating Shaoshui pipeline; pigwash water passage through the end plate in contact with the left inlet pigwash barrel; near the blade tip is soldered to the inner wall of a cylindrical screen compression molded plates; compression molded plates between panels on the right side wall of the cylindrical screen and the corresponding portion of a cylindrical screen incorporates a solid deflector position the barrel outlet; provided with oil contaminated water outlet and abuts the bottom **bow**l decanter feed opening. The present utility model can be pigwash solid-liquid separation, such that more than 1/3 Shaoshui volume reduction; oil contained in the sewage waste oil can be separated.

Inventors

DAN HAIFENG

LI GUOZHI

Latest standardized assignees - inventors removed

SHANGHAI ALANDA PUMPS

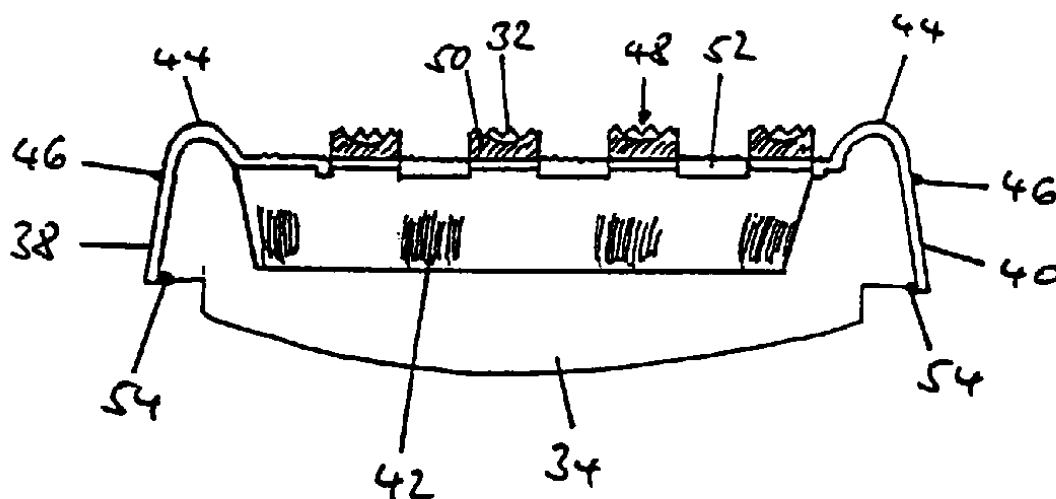
Family 8/100 - FAMPAT - ©Questel

Title

(EP-824887)

Kitchen appliance to cut or grate matter, in particular fruits and vegetables**Images**

Fig. 4

**Publication numbers with kind code & date**

TW368935	U	1999-09-01	TW-368935U
CN2320168	Y	1999-05-26	CN2320168U
DE19633986	C2	1999-03-25	DE19633986
KR19980014230	U	1998-06-05	KR19980014230U
JP3047712	U	1998-04-24	JP3047712U
DE19633986	A1	1998-02-26	DE19633986
EP0824887	A1	1998-02-25	EP-824887

**Abstract**

(EP0824887)

The upper side (2) of the baseplate has surfaces (4,6) between which is at least one row of blades (10) across the grating or cutting direction (A). Side parts (34-40) on at least two edges of the baseplate extend from the edges in the direction facing away from the first surfaces. The side parts with the underside of the baseplate form an angle of more than 90 degrees, for stacking. The side parts of one grater or chopper fit at least partly round the side parts of a second chopper or grater. At least one side part parallel to the direction of grating or chopping has bulges (46) on the outside and or inside.

Inventors

ZIRGES RICHARD

PLEIN JOSEF

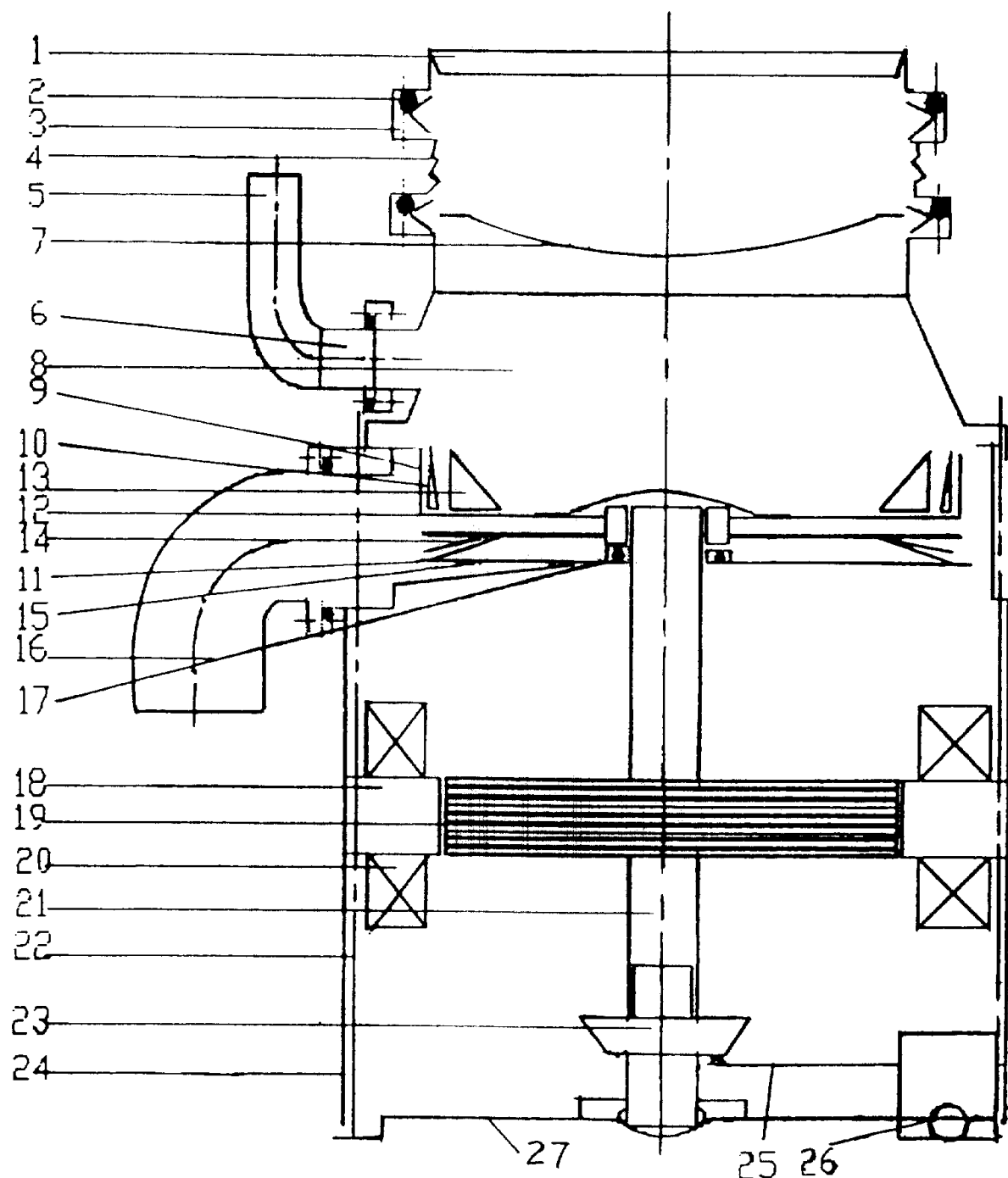
Latest standardized assignees - inventors removed

BOERNER A

Family 9/100 - FAMPAT - ©Questel

Title

(CN2218605U)

Garbage treating machine in **kitchen****Images****Publication numbers with kind code & date**

CN2218605 Y 1996-01-31 CN2218605U

**Abstract**

(CN2218605)

The utility model relates to a garbage treating machine in a **kitchen**, which is arranged in the outlet position of a basin for crushing and treating the food garbage and composed of an inlet part, a crushing chamber and a driving part. The inlet part has a flexible connection mechanism and a hard connection mechanism, and is provided with a magnetic rubber **bowl** which is suitable for various basins and can prevent the ferromagnetic foreign matters from falling into the crushing chamber to damage the machine. The crushing chamber is provided with a fixed knife tackle and a rotary knife tackle,

which can carry out the extrusion, the cutting, and the crush toward the garbage for many times. The crushing chamber can be cleaned by injecting hot water. The driving motor is especially designed with two forms, which has large starting torque and fast response. When the rotary knife tackle in the crushing chamber is stuck, the obstacle can be eliminated by sheathing a socket wrench on the lower part of the rotary shaft and turning the rotary disk reversely.

Inventors

LIN DEFANG

Latest standardized assignees - inventors removed

INSTITUTE OF ELECTRICAL ENGINEERING CHINESE ACADEMY OF SCIENCES

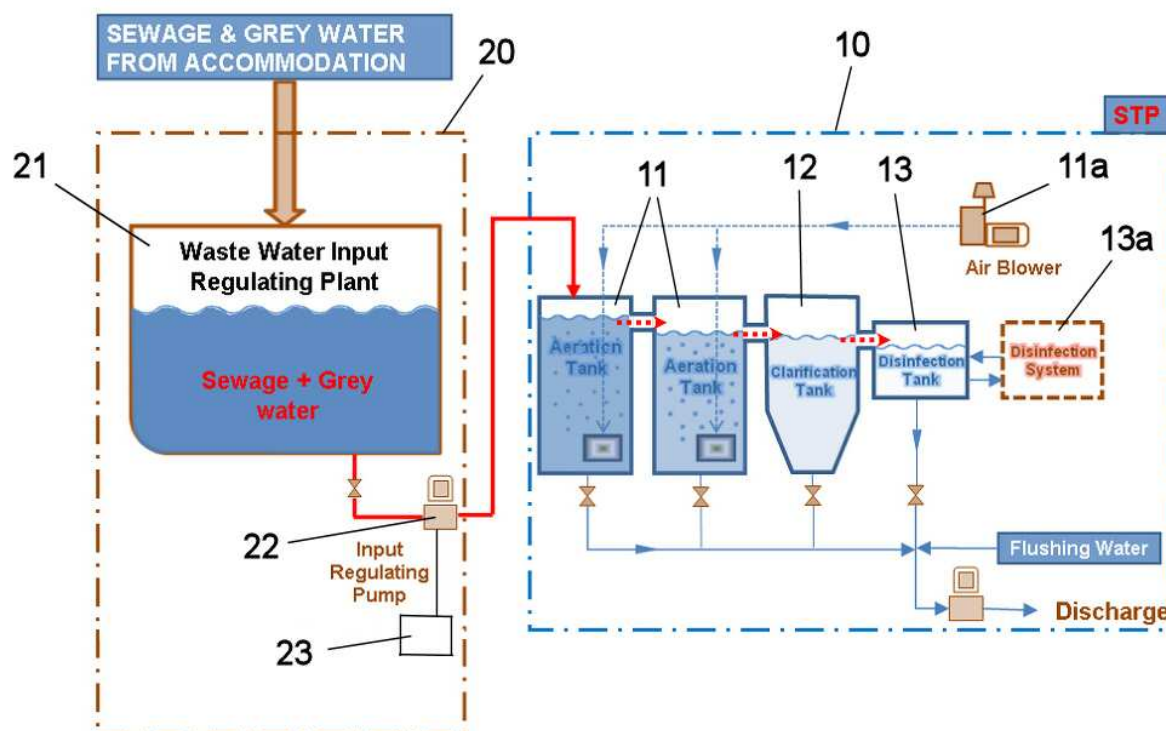
Family 10/100 - FAMPAT - ©Questel

Title

(KR20120003629U)

The Sewage Treatment Plant of Ship

Images



Publication numbers with kind code & date

KR20120003629 U 2012-05-25 KR20120003629U



Abstract

(KR20120003629)

The present invention comprises a ship for processing sewage to a sewage treatment device of a marine vessel, the vessel is discharged in the sewage to a sewage treatment device for processing in the vessel, and sterilizing the septic tank aeration tank?Disinfecting and has as aeration tank which supplies air to the air handler sterilization?Disinfecting chemicals in a feeder supplying means including chemical waste, a toilet and living sewage drainage impureness equalized by mixing the sewage to a sewage treatment means in a state of supplying the amount adjustment means comprising osuin, the sewage discharged from the vessel to the amount adjustment means osuin all collected in a storage tank for a predetermined time intervals and a predetermined quantity of the sewage treatment means to feed and, thereby according to an embodiment of the present invention relates to a sewage treatment device of the ship in the ship and living sewage drainage discharged from the mixing bowl on a daily basis of all of the waste water is collected for contamination of the sample is then supplying the predetermined quantity of every time the sewage treatment means, water discharge and sewage treatment results without constant attention by always related to more securely equipment can run, the toilet by using the same equipment can be simultaneously processed living sewage with drainage effect so that the apparatus according to the invention.

Inventors

KIM, Soon Han

KIM, JUNG-TAE

Latest standardized assignees - inventors removed

DAEWOO SHIPBUILDING & MARINE ENGINEERING

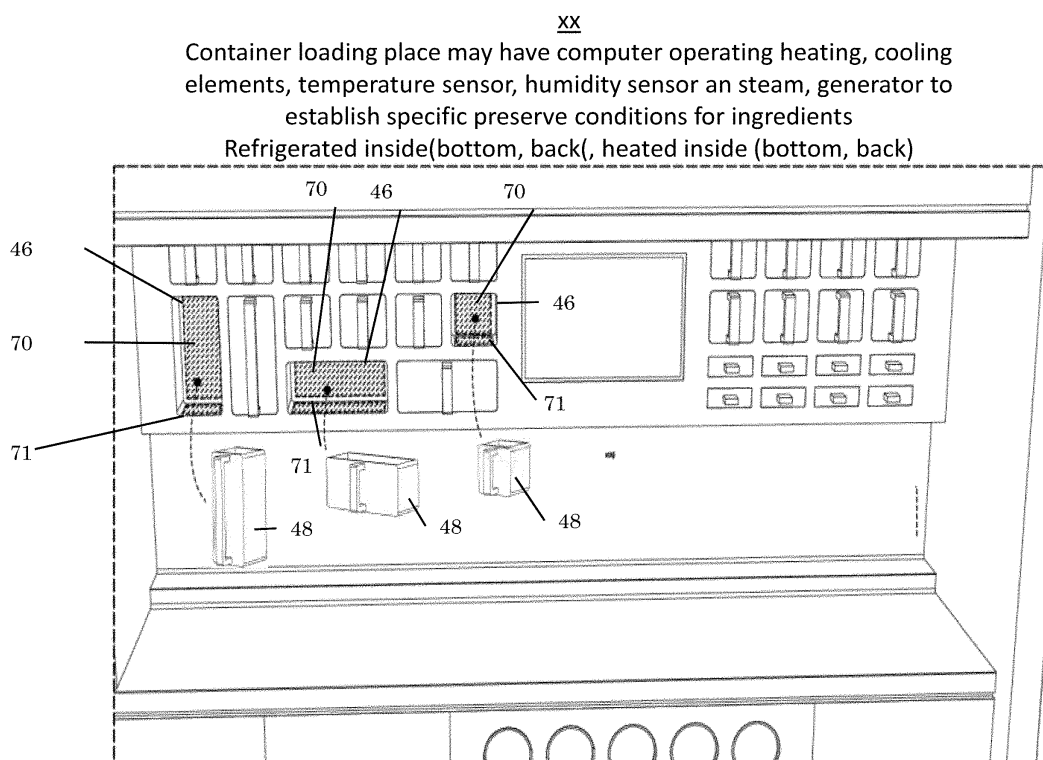
Family 11/100 - FAMPAT - ©Questel

Title

(EP3389955)

Robotic kitchen including a robot, a storage arrangement and containers therefor

Images



Computer controlled food/ingredient preparation system

Publication numbers with kind code & date

JP2019503875	A	2019-02-14	JP2019503875
CN108778634	A	2018-11-09	CN108778634
EP3389955	A2	2018-10-24	EP3389955
SG11201804933S	A	2018-07-30	SG11201804933S
AU2016370628	A1	2018-05-31	AU2016370628
US20170348854	A1	2017-12-07	US20170348854
WO2017/103682	A3	2017-08-17	WO2017103682
CA3008562	A1	2017-06-22	CA3008562
WO2017/103682	A2	2017-06-22	WO2017103682



Abstract

(EP3389955)

Embodiments of the present disclosure are directed to the ability of being able to create complex robotic humanoid

movements, actions, and interactions with tools and the instrumented environment by automatically building movements for the humanoid; actions and behaviors of the humanoid based on a set of computer-encoded robotic movement and action primitives. The primitives are defined by motions/actions of articulated degrees of freedom that range in complexity from simple to complex, and which can be combined in any form in serial/parallel fashion. These motion-primitives are termed to be minimanipulations and each has a clear time-indexed command input-structure and output behavior/performance profile that is intended to achieve a certain function. Minimanipulations comprise a new way of creating a general programmable-by-example platform for humanoid robots. One or more minimanipulation electronic libraries provide a large suite of higher-level sensing-and- execution sequences that are common building blocks for complex tasks, such as cooking, taking care of the infirm, or other tasks performed by the next generation of humanoid robots. Embodiments of the present disclosure are also directed to a robotic **kitchen**, a storage arrangement and containers therefor.

Inventors

OLEYNIK MARK

Latest standardized assignees - inventors removed

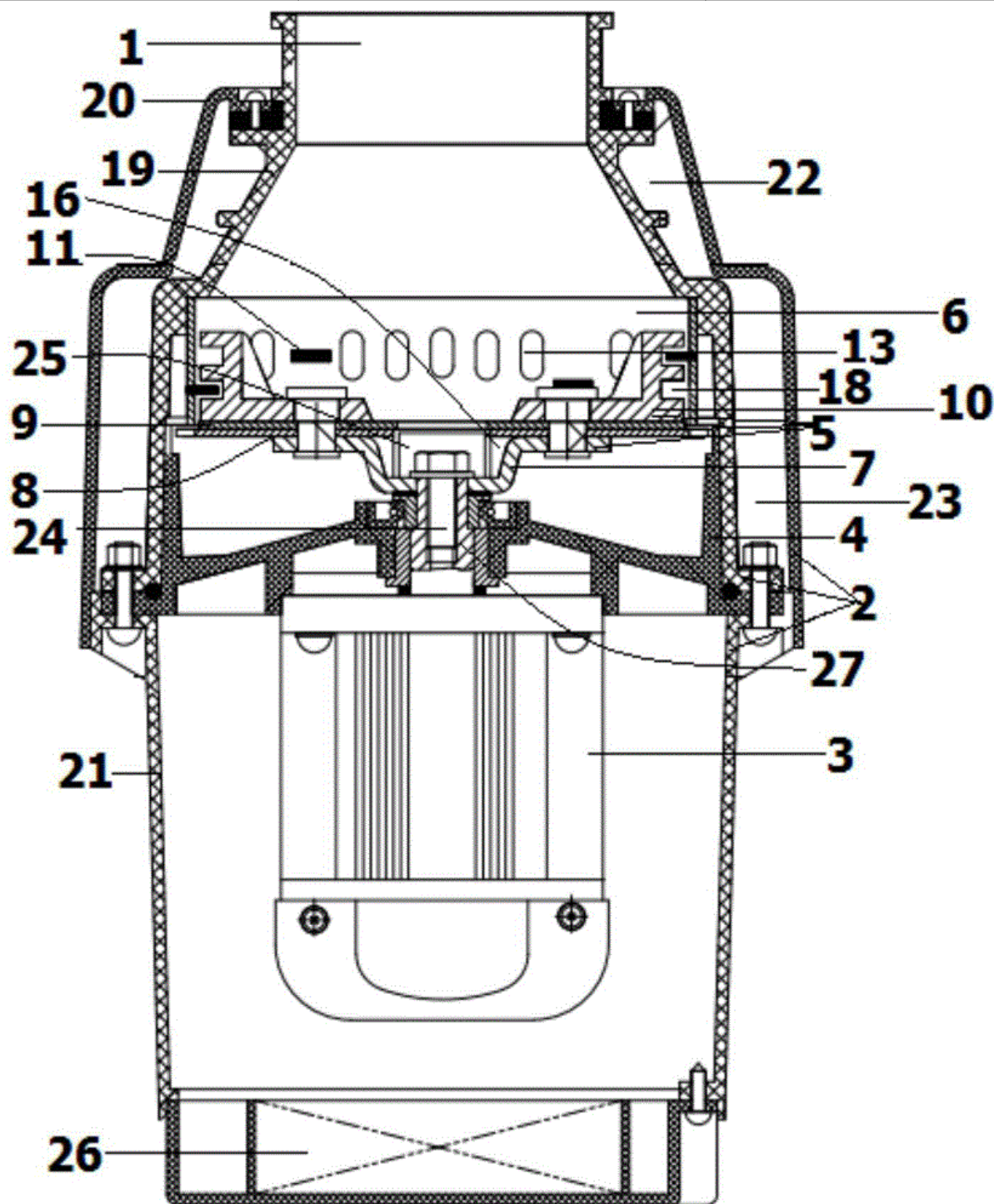
MBL

Family 12/100 - FAMPAT - ©Questel

Title

(CN104895160)

Disposer capable of smashing high-tenacity and high-hardness **kitchen** garbage efficiently**Images**



Publication numbers with kind code & date

CN104895160	B	2016-08-24	CN104895160B
CN104895160	A	2015-09-09	CN104895160



Abstract

(CN104895160)

The invention discloses a disposer capable of smashing high-tenacity and high-hardness **kitchen** garbage efficiently. The disposer capable of smashing high-tenacity and high-hardness **kitchen** garbage efficiently comprises a cylindrical shell, a motor, a garbage guiding body, a movable millstone and a cylindrical fixed millstone, wherein a garbage inlet is formed in the upper end of the cylindrical shell, and the motor, the garbage guiding body, the movable millstone and the cylindrical fixed millstone are located in the shell and are arranged in sequence from bottom to top; the upper end and the lower end of the cylindrical fixed millstone are open. The garbage guiding body is in the shape of a cylinder with the upper end open; garbage outlets are formed in the garbage guiding body and the shell respectively, and the two garbage outlets are connected through a guiding channel. The garbage guiding body is connected with the shell in a sealed mode. The disposer capable of smashing high-tenacity and high-hardness **kitchen** garbage efficiently has the advantages that **kitchen**

garbage disposal efficiency is high, and particles obtained after disposal are finer and can be discharged easily; blades are not liable to be damaged, and the service life of the blades is long.

Inventors

FAN PIN

MA NAN

LIN YONGXIA

Latest standardized assignees - inventors removed

LISHUI TIANNING MOTOR

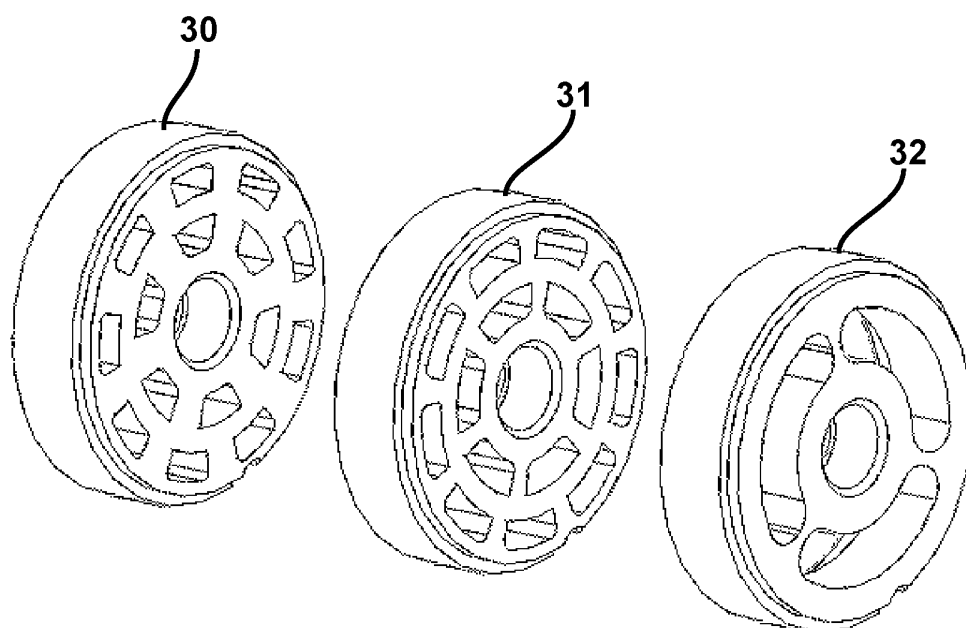
Family 13/100 - FAMPAT - ©Questel

Title

(EP3054818)

Ice-crushing attachment for a multi-purpose kitchen machine

Images



Publication numbers with kind code & date

RU2674507	C2	2018-12-11	RU2674507				
RU2016117743	A3	2018-06-18	RU2016117743				
CN105592754	B	2018-05-18	CN105592754B				
GB2519097	B	2018-04-04	GB2519097				
RU2016117743	A	2017-11-13	RU2016117743				
US20160242600	A1	2016-08-25	US20160242600				
EP3054818	A1	2016-08-17	EP3054818				
CN105592754	A	2016-05-18	CN105592754				
GB2519097	A8	2015-12-23	GB2519097				
WO2015/052522	A1	2015-04-16	WO201552522				
GB2519097	A	2015-04-15	GB2519097				
GB201317834	D0	2013-11-20	GB201317834				

Abstract

(EP3054818)

An ice-crushing attachment for a stand mixer presenting a rotary drive outlet (11) in addition to a planetary drive outlet(15);

the attachment comprising a generally tubular body (21) for attachment to the stand mixer; a rotatable scroll-type extruding tool (22) capable of rotating within the tubular body and provided with means to couple with said rotary drive outlet when the tubular body is attached to the stand mixer; means (24) permitting ice to be introduced into the tubular body and into engagement with the extruding tool for crushing and transport towards an outlet port of the attachment; and a die member(23), selected from a plurality of die members, fitted to said outlet port and configured to influence the size and/or consistency of said crushed ice as it emerges from said port.

Inventors

VACHER DANIEL

Latest standardized assignees - inventors removed

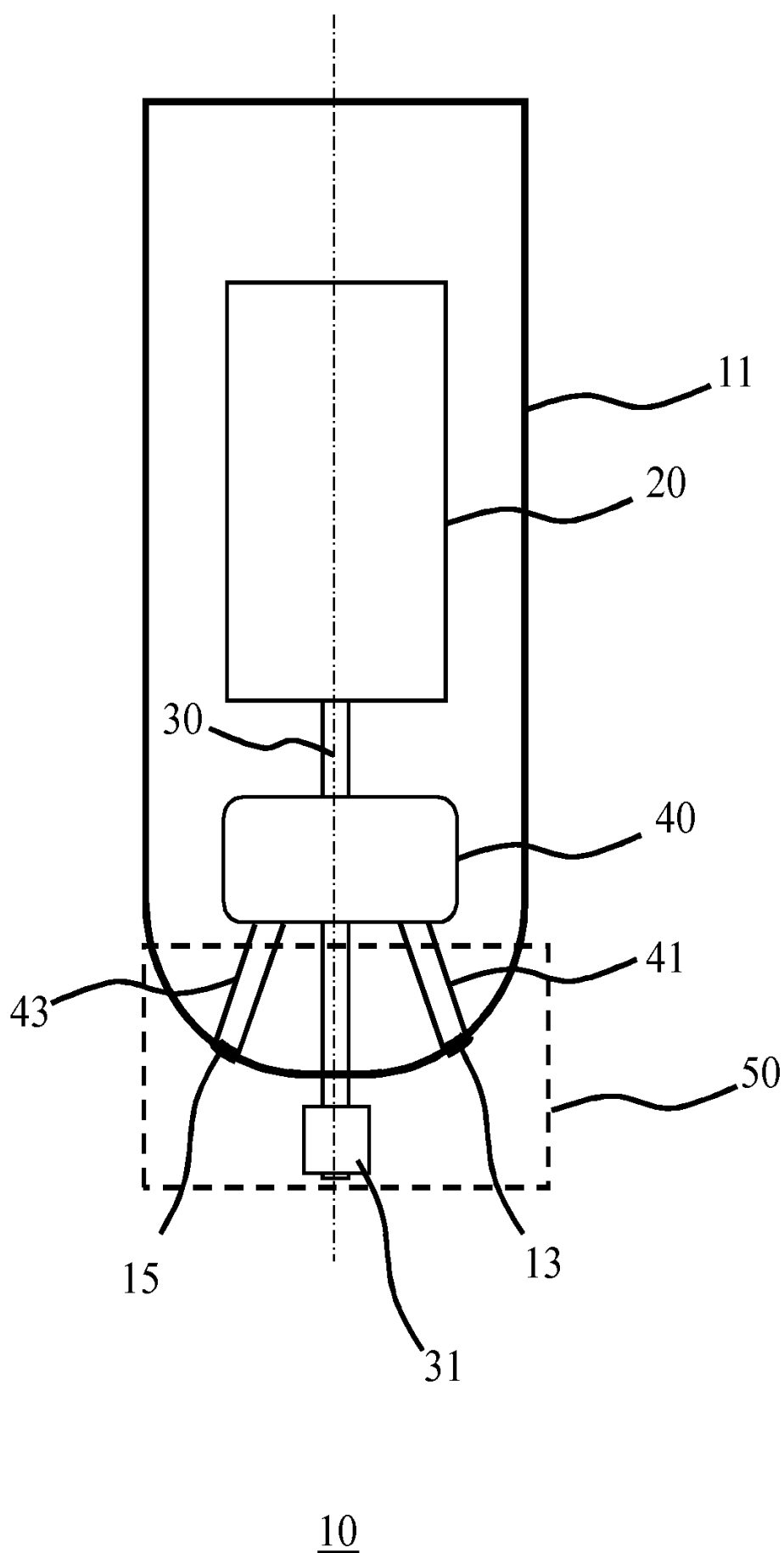
KENWOOD

Family 14/100 - FAMPAT - ©Questel

Title

(EP3413768)

Kitchen appliance drive unit, **kitchen** appliance and attachment**Images**



US20190000276	A1	2019-01-03	US20190000276				
BR112018016036	A2	2018-12-26	BR112018016036				
EP3413768	A1	2018-12-19	EP3413768				
CN108601485	A	2018-09-28	CN108601485				
IN201847031099	A	2018-08-31	IN201847031099				
BR112018016036	A1	2018-08-14	BR112018016036				
WO2017/137401	A1	2017-08-17	WO2017137401				

Abstract

(EP3413768)

A **kitchen** appliance drive unit (10) is disclosed that comprises a housing (11) including a drive mechanism in the housing; a rotary member (31) driven by the drive mechanism, a first opening (13); a second opening (15) and an fluid pump (40) driven by the drive mechanism and being fluidly connected to the first and second openings, the fluid pump being arranged, in a first mode of operation, to displace a fluid from the first opening 5 (13) to the second opening (15), the fluid pump (40) also being arranged, in a second mode of operation, to displace fluid from the second opening (15) to the first opening (13).

Inventors

STARMANS JOZEF MARIE

EBERHART INGOLF RONALD

SARI MEHMET

SMOLE PHILIPP

SAMONIGG GERT

WEISS SASCHA

Latest standardized assignees - inventors removed

PHILIPS

Family 15/100 - FAMPAT - ©Questel

Title

(WO2019134209)

Highly integrated, intelligent, automated **kitchen****Images**

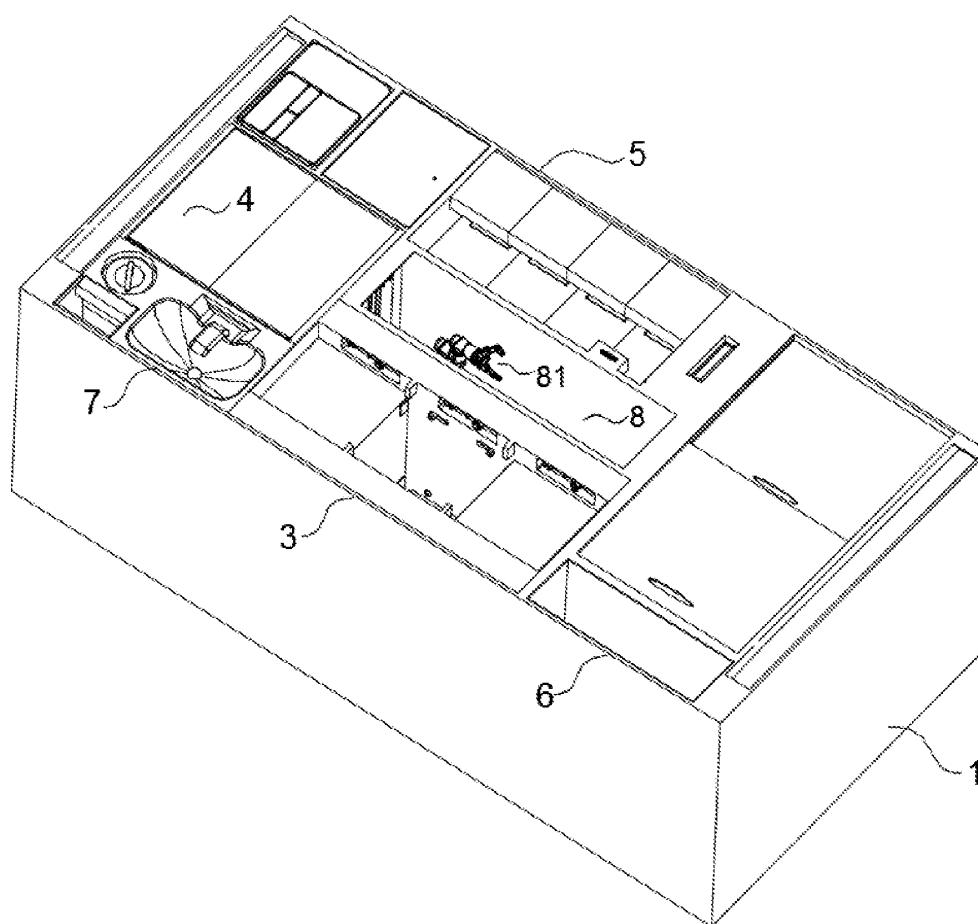


图 3

Publication numbers with kind code & date[WO2019/134209](#)

A1 2019-07-11 WO2019134209

**Abstract**

(WO2019/134209)

A highly integrated, intelligent, automated **kitchen**, comprising: a master controller and a storage area (3) connected to and communicating with the master controller. The storage area (3) comprises a storage box (31). The storage box (31) comprises a first box body (311) and a second box body (312). The second box body (312) is stored inside a receiving cavity (3111) of the first box body (311). The second box body (312) can be used to store a **kitchen** apparatus. The second box body (312) itself can be a **kitchen** apparatus, such as a food processor or a toolbox and, by inputting a calling command to the master controller, a calling device (313) can be controlled to perform a corresponding called action, enhancing convenience. A user can control the movement of the second box body (312) by means of the calling device (313), causing the calling device (313) to move the required second box body (312) to an opening of the receiving cavity (3111), or causing the required second box body (312) to extend out of the opening of the receiving cavity (3111), or moving the second box body (312) to anywhere that is easy for the user to reach. The present invention uses the calling device (313) to assist the storage and retrieval of the second box body (312), thereby facilitating storage and retrieval of a **kitchen** apparatus.

Inventors

FU FENGFENG

Family 16/100 - FAMPAT - ©Questel

Title

(EP3463019)

Kitchen appliance and apparatus therefor

Images

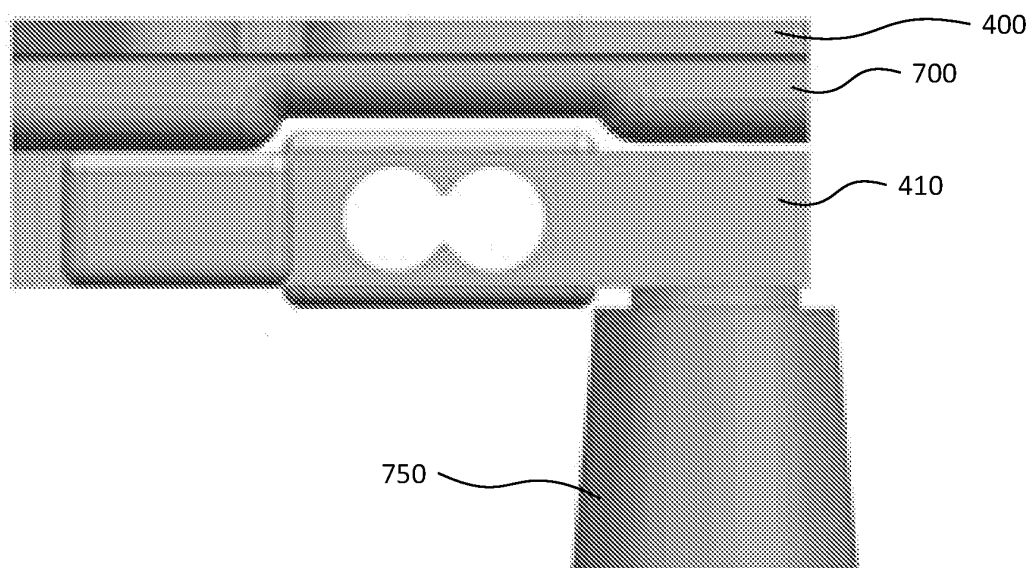


Figure 10a

Publication numbers with kind code & date

EP3463019	A1	2019-04-10	EP3463019
CN109152499	A	2019-01-04	CN109152499
WO2017/203237	A1	2017-11-30	WO2017203237

**Abstract**

(EP3463019)

A kitchen appliance for processing food, comprising: a load sensor (410) for measuring load by means of its deformation, the load sensor (410) supporting the kitchen appliance; and a travel limiter (710) for preventing deformation of the load sensor beyond a pre-determined limit.

Inventors

FARAM DAVID
BONNINGTON PAUL
FIELDS ROBERT
CUNNINGHAM BRADLEY
MORGAN SHAUN
HARVEY DAVID

Latest standardized assignees - inventors removed

KENWOOD

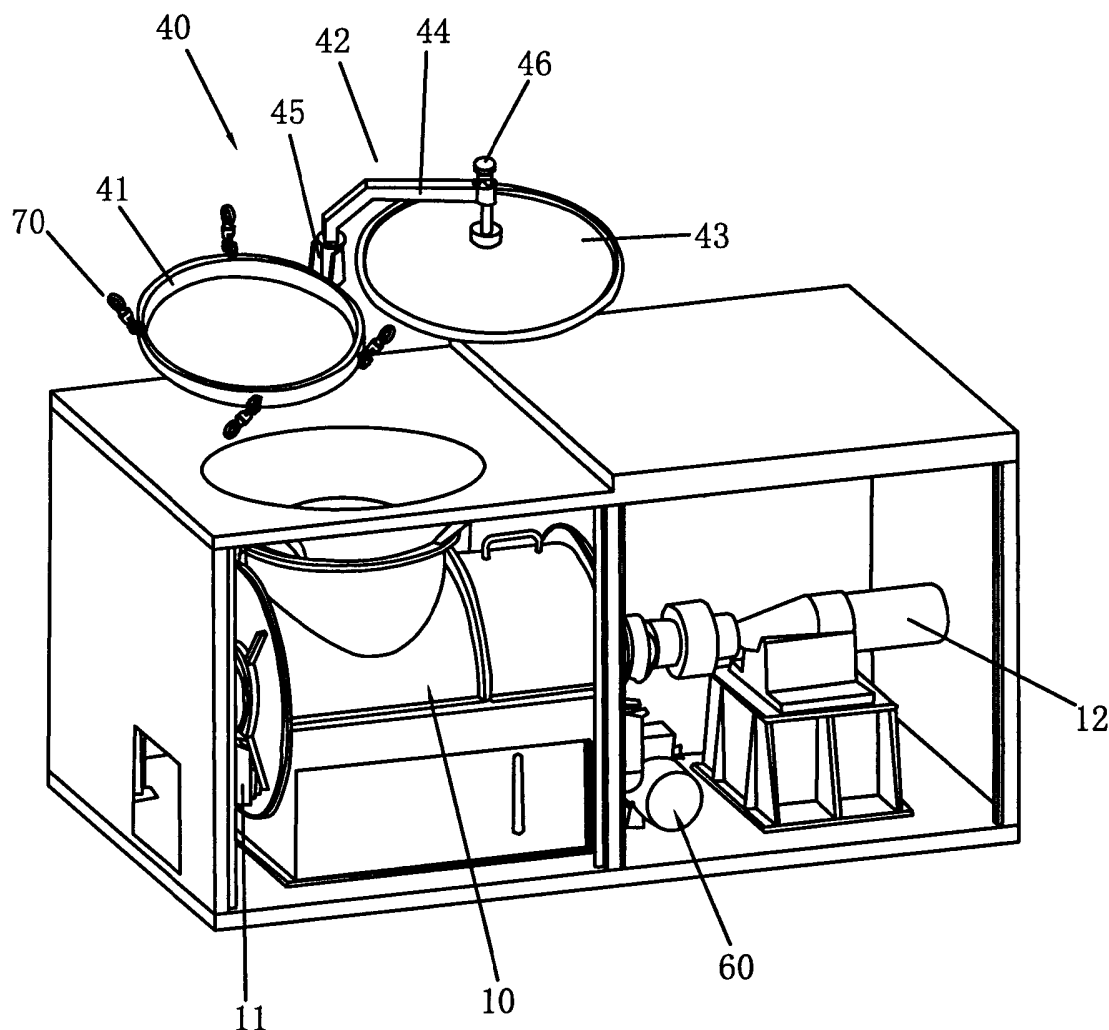
Family 17/100 - FAMPAT - ©Questel

Title

(KR200344331U)

Food and Kitchen table

Images



Publication numbers with kind code & date

CN105032894	B	2017-07-21	CN105032894B
TWI592387	B	2017-07-21	TWI592387
US20170014828	A1	2017-01-19	US20170014828
TW201702208	A	2017-01-16	TW201702208
CN105032894	A	2015-11-11	CN105032894



Abstract

(US20170014828)

A processing assembly for processing **kitchen** organic garbage and waste of farms includes a tank with a grinder located therein. The grinder grinds the garbage and waste by blades and rotatable blades. A transition can is connected between the tank and a deodorant pool which has deodorant bacteria received therein to remove odors. A one-way filter is connected between the transition can and the deodorant pool. A vacuum pump is connected between the tank and the transition can to suck air in the tank to the deodorant pool and to separate water from the vapor air. The water is stored in the transition can. The volume and weight of the garbage and waste are reduced and no pollution is created to the air. Hard stuff from the organic waste is ground into small pieces without damage to the blades.

Inventors

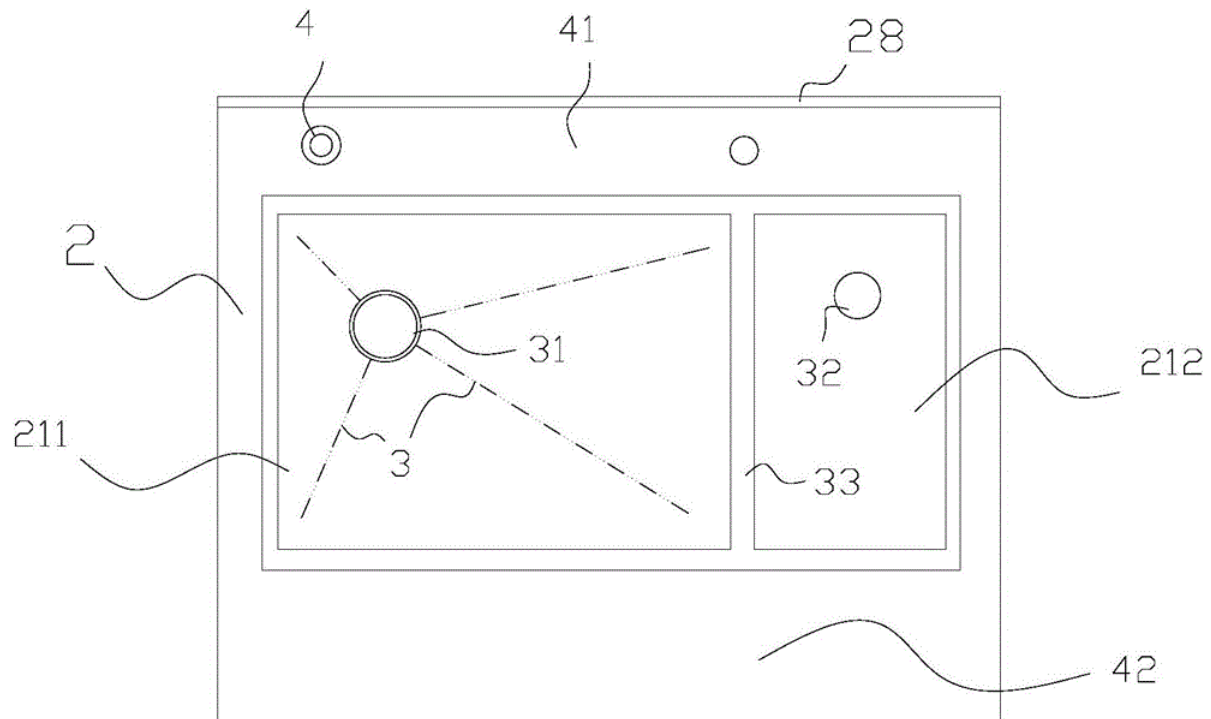
CHEN YA JYUE

Latest standardized assignees - inventors removed

LONGYAN WEINI JUEYA ENVIRONMENTAL PROTECTION PRODUCT TECHNOLOGY

Title

(CN209315241U)

Multi-function **kitchen** sink cabinet integrated scouring**Images****Publication numbers with kind code & date**

CN209315241 U 2019-08-30 CN209315241U

**Abstract**

(CN209315241)

The present utility model discloses a multi-function **kitchen** sink cabinet integrated water-saving, includes a cabinet, for embedded mounting station, the left and/or right side of the cabinet adjacent to the dressing table, a wall-mounted along the rear side cabinet; cabinet upper surface provided with a sink, tub downwardly recessed within the cabinet; of the 1st and the 2nd sink includes left and right side by side sink basin; inner bottom surface of the sink is a flat surface, the inner bottom surface of the water tank 1st 2nd 1st mounted on one side of the sink away from the drain port, drain port and the 2nd 1st down toward the drain port all the cabinet body, and communicated to the drain pipe; cupboard is provided within the cabinet, cupboard is smaller than the lateral width of the basin, the basin immediately below 2nd cupboard near one side of the water tank, cabinet door of the cupboard is provided in the front panel of the cabinet; the present utility model can be solved without bending waist of the meal preparation sink cabinet, easy to clean large object, the problem of stain-free oil and clean table top, **kitchen** environment facilitates local improved.

Inventors

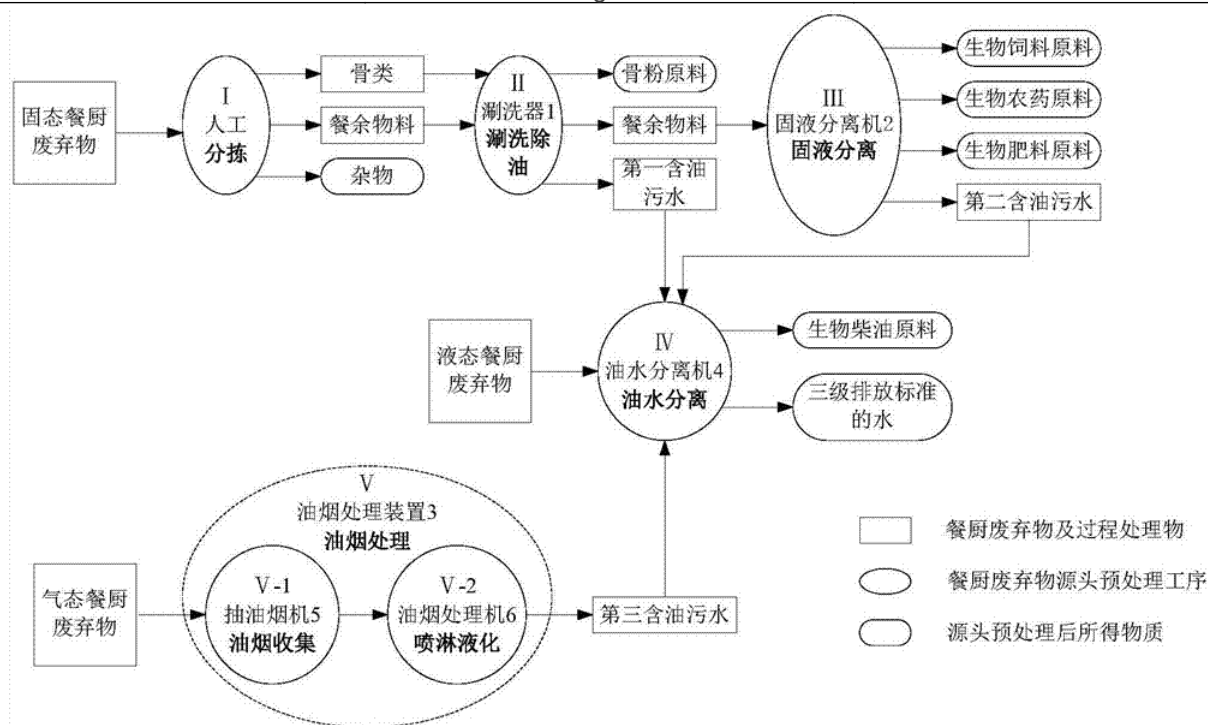
LAN JIAN

Family 20/100 - FAMPAT - ©Questel

Title

(CN108339828)

Kitchen waste disposal system**Images**



Publication numbers with kind code & date

CN108339828

A 2018-07-31 CN108339828



Abstract

(CN108339828)

The embodiment of the invention provides a **kitchen** waste disposal system. The system comprises a rinsing device, a solid-liquid separator, a lampblack treatment device used for conducting spray liquefaction treatment on collected gaseous **kitchen** waste, and an oil water separator, wherein the rinsing device is used for conducting rinsing and degreasing treatment on bones and leftovers which are obtained through manual sorting of solid **kitchen** waste, and the treated bones are recovered as raw materials; the solid-liquid separator is used for conducting solid-liquid separation treatment on the leftovers subjected to rinsing and degreasing treatment, and the treated leftovers are recovered as raw materials; and the oil water separator is used for conducting oil-water separation treatment on liquid **kitchen** waste and oily wastewater input by the rinsing device, the solid-liquid separator and the lampblack treatment device, coarse grease is output to be recovered as raw materials, and water meeting the third-level emission standards is output. According to the **kitchen** waste disposal system provided by the invention, the transportation and treatment cost is reduced, corrosion and spoilage are prevented, reutilization of effectively components is facilitated, the floor space is reduced, the system is practically feasible, and municipal sewage treatment burden is not increased.

Inventors

QIAO YANG

LIU TAO

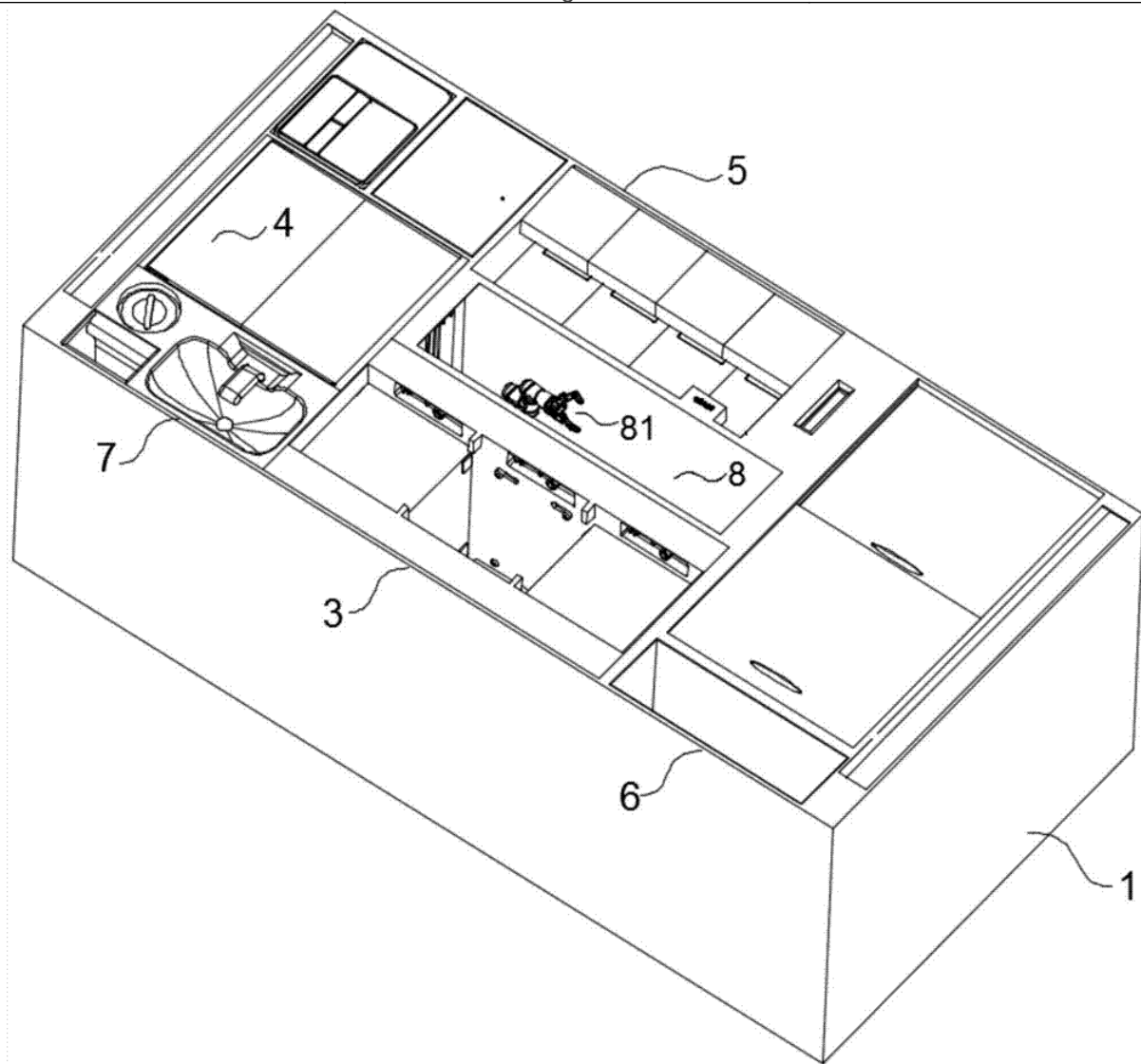
Family 21/100 - FAMPAT - ©Questel

Title

(CN108175199)

Highly integrated intelligent automation **kitchen**

Images

**Publication numbers with kind code & date**

[CN108175199](#) A 2018-06-19 CN108175199

**Abstract**

(CN108175199)

The invention discloses a highly integrated intelligent automation system. The system comprises a main controller and a storage area communicatedly connected with the main controller, the storage area comprises a storage box, the storage box comprises a first box body and a second box body, the second box body is stored in a containing cavity of the first box body, the second box body can be used for placing **kitchen** equipment, and also serve as chicken equipment such as a food processing device and a tool box, a calling device is controlled to perform corresponding calling actions by inputting a calling instruction to the main controller, and the system is very convenient; a user can control the second box body to move through the calling device, for example, the user can enable the calling device to move the second box body to an opening of the containing cavity, or make the required second box body extend out of the opening of the containing cavity, in a word, the second box body is moved to a convenient place for the user to use. According to highly integrated intelligent automation system, the calling device assists the user in storing and using the second box body, and thereby being convenient for the user to store and use the chicken equipment.

Inventors

FU FENGFENG

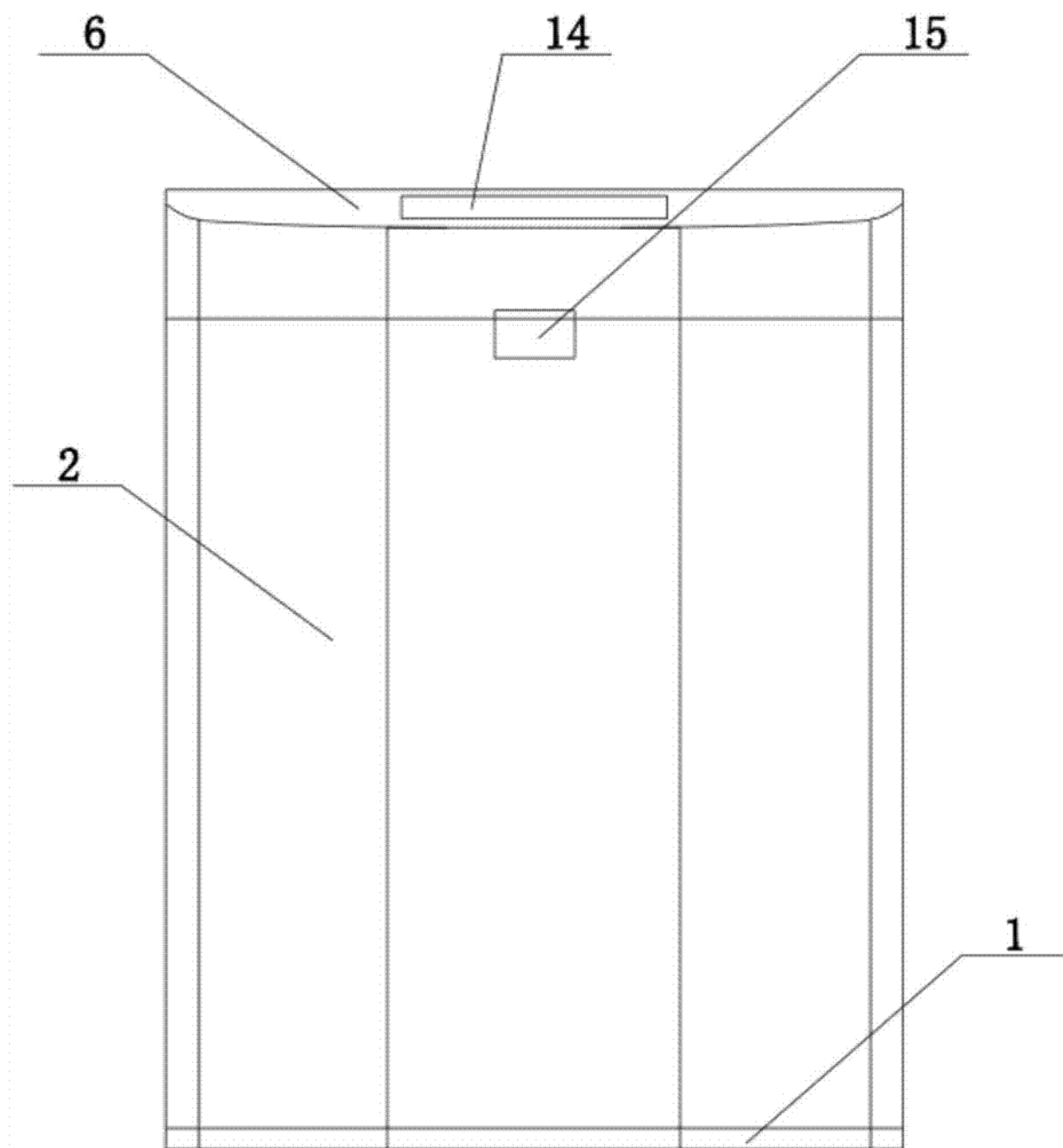
Family 22/100 - FAMPAT - ©Questel

Title

(CN108607866)

Kitchen waste processor

Images



Publication numbers with kind code & date

CN108607866

A

2018-10-02

CN108607866



Abstract

(CN108607866)

The invention relates to a **kitchen** waste processor, relates to the field of **kitchen** waste treatment, and in particular, relates to a **kitchen** waste processor. A bracket is arranged at each of four corners of the surface of the upper end of a base, the outer sides of the brackets are provided with a shell, the upper end of the shell is provided with an end cover, and the upper surface of the front end of the shell is provided with a control button; a fan is arranged on the inner side wall of the shell and connected with an air duct arranged on the side wall of the shell; a pot is arranged at the center of the inner side of the shell; a second temperature control probe is arranged at the bottom of the outer side of a barrel cover, and a heating disc seat is arranged below the barrel cover; a heating disc is placed on the upper end of the heating disc seat, the outer side of the heating disc is provided with a first temperature control probe, and a motor is arranged at the inner side of the motor brackets; the front end of the barrel cover is provided with a detection module, and the lower part of the detection module is connected with a filter core. After the technical scheme is adopted, the **kitchen** waste processor has the advantage of simple operation, has the ability of treating and recycling **kitchen** waste sources, and solves the problem of breaking and decomposing **kitchen** waste by the **kitchen** waste machine.

Inventors

LI QINGPENG

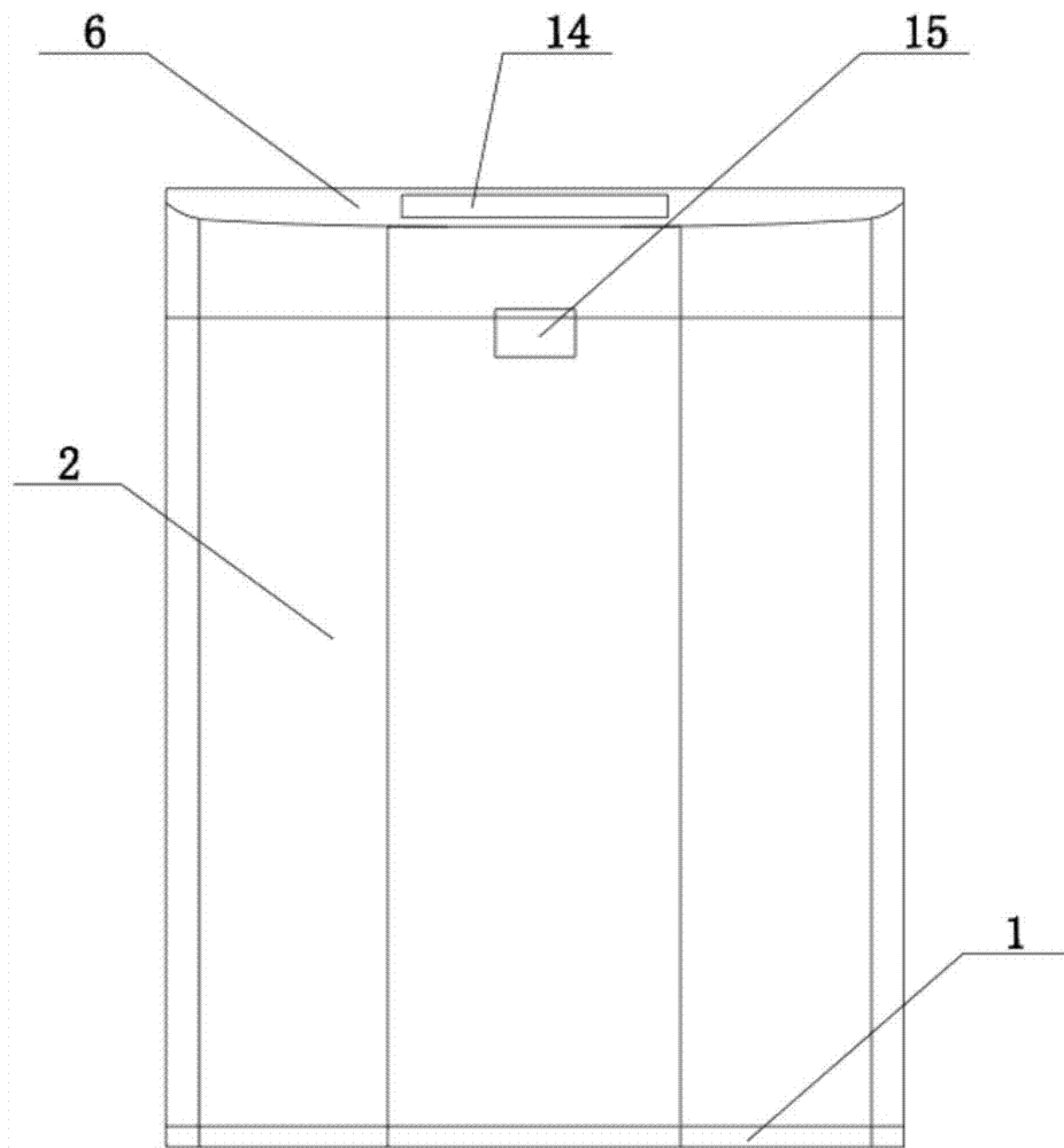
Latest standardized assignees - inventors removed

HESHUN DADI ECOLOGICAL TECHNOLOGY DEVELOPMENT

Family 23/100 - FAMPAT - ©Questel

Title

(CN208288660U)

Kitchen waste disposal unit**Images****Publication numbers with kind code & date**[CN208288660](#)

U

2018-12-28

CN208288660U

**Abstract**

(CN208288660)

The utility model provides a **kitchen** waste disposal unit, it relates to the surplus refuse treatment field in **kitchen**, concretely relates to **kitchen** waste disposal unit. Four corners on the upper endsurface of base respectively are equipped with a spinal branch frame, the outside of support is equipped with the casing, the upper end of casing is equipped with the end cover, the front end upper surface of casing is equipped with control button, the fan setting is and be connected with the wind channel that sets up on the casing lateral wall on the inboard lateral wall of casing, the pot sets up the inboard center

department at the casing, the outside bottom of bucket cover is equipped with second control by temperature change probe, the below of bucket cover is equipped with the heating plate seat, the heating plate is placed to the upper end of heating plate seat, the outside of heating plate is equipped with first control by temperature change probe, the inboard of motor support is equipped with the motor, the front end of bucket cover is equipped with detection module, and detection module's below is connected with the filter core. After the technical solution is adopted, the utility model discloses beneficial effect does: its easy operation has that handle in the rubbish from cooking source and recycle's ability, has solved the surplus machine in **kitchen** and has broken up and decompose the problem of remaining waste material in the **kitchen**.

Inventors

LI QINGPENG

Latest standardized assignees - inventors removed

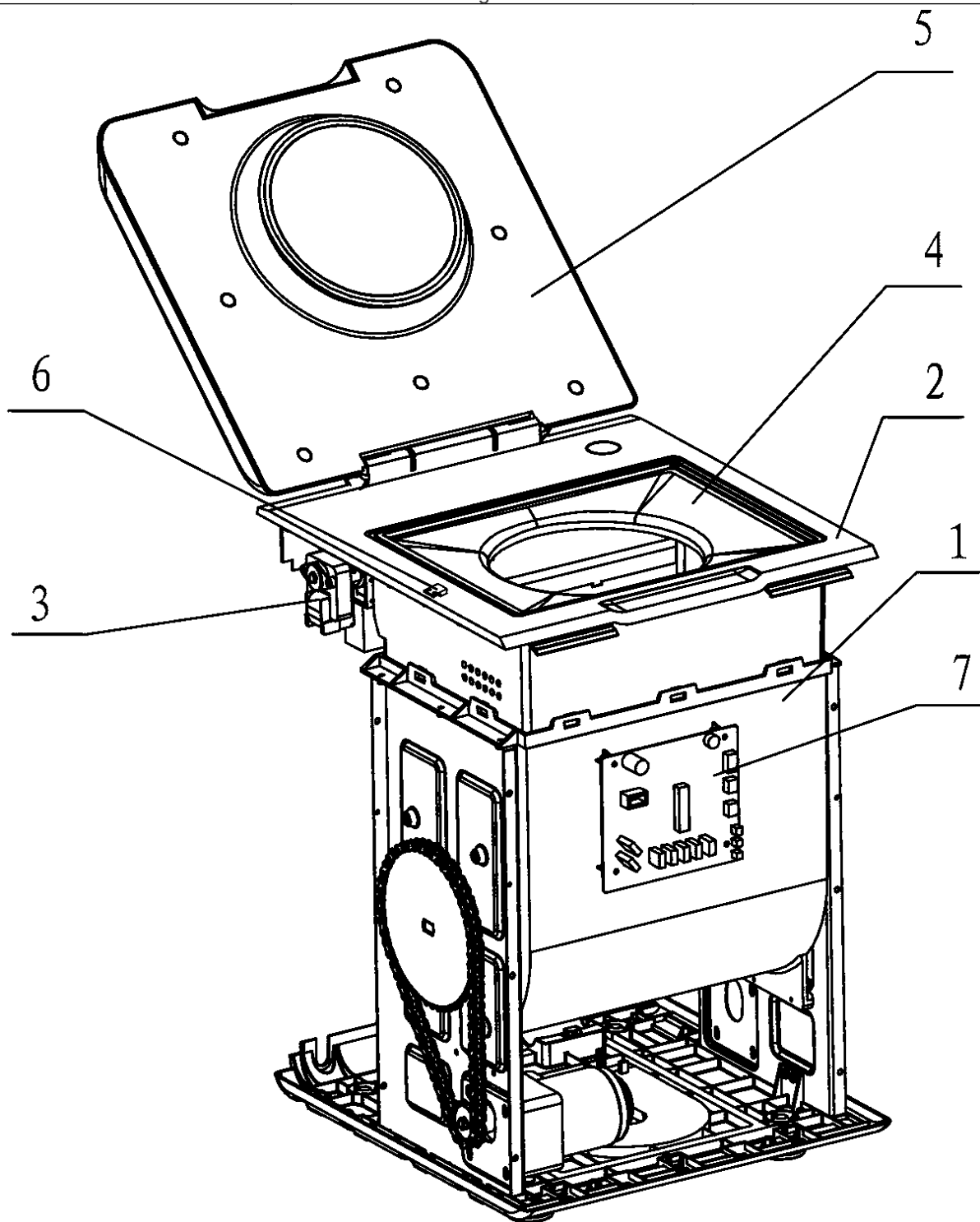
HESHUN DADI ECOLOGICAL TECHNOLOGY DEVELOPMENT

Family 24/100 - FAMPAT - ©Questel

Title

(CN203295377U)

Uncapping odor-resistant device of **kitchen** garbage disposal device**Images**

**Publication numbers with kind code & date**[CN203295377](#)

U 2013-11-20 CN203295377U

**Abstract**

(CN203295377)

The utility model discloses an uncapping odor-resistant device of a **kitchen** garbage disposal device, which comprises a connecting piece arranged at the upper part of a bucket groove for disposing **kitchen** garbage, wherein a feeding port is formed in the connecting piece; a seal cover easy to open is arranged at the feeding port; a strip-shaped air draft hole is formed in the side wall of the connecting piece, and is positioned at the lower part of the feeding port; a deodorization assembly linked with the seal cover is mounted outside the connecting piece, and comprises a cross-flow fan and a deodorization module; the cross-flow fan is arranged at the air draft hole and used for pumping gas inside the connecting piece outwards to form negative pressure inside the connecting piece; the deodorization module is arranged at an air outlet of the cross-flow fan. According to the uncapping stink-proof device provided by the utility model, the problem that undesirable odor is diffused when a cover of a **kitchen** garbage disposal device is opened in the prior art is effectively

solved; besides, only when the seal cover is opened can the cross-flow fan be opened as the deodorization assembly is linked with the seal cover, so that the power consumption of the uncapping odor-resistant device can be reduced, and the environment-friendly and energy-saving application requirements of the **kitchen** garbage disposal device can be met.

Inventors

LI CHONG

SHI HUASHAN

Latest standardized assignees - inventors removed

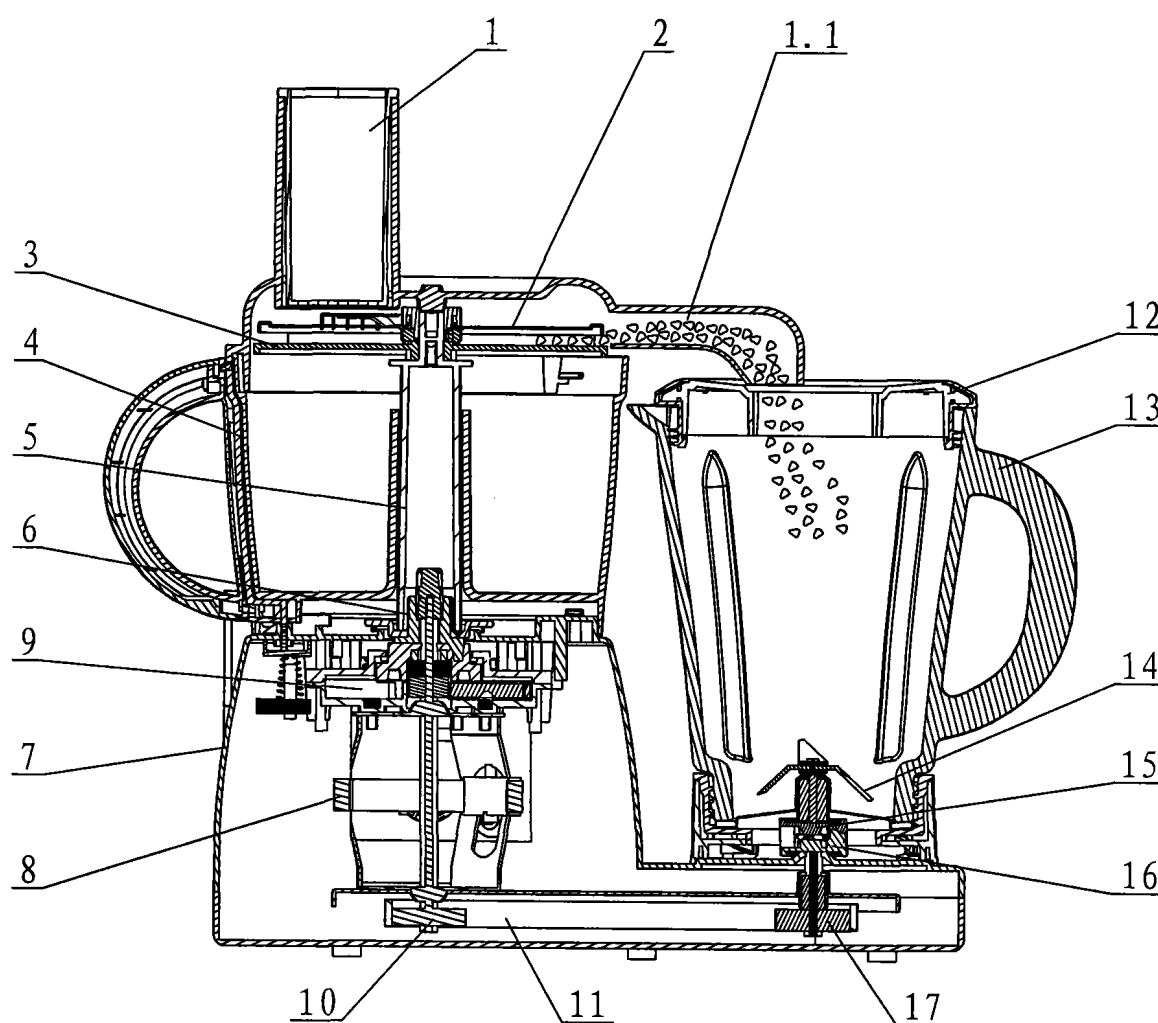
JIANGMEN IDEAR HANYU ELECTRICAL APPLIANCE

Family 25/100 - FAMPAT - ©Questel

Title

(CN101874714B)

Multifunctional food processor

Images**Publication numbers with kind code & date**

CN101874714	B	2012-05-30	CN101874714B
CN101874714	A	2010-11-03	CN101874714

**Abstract**

(CN101874714)

The patent refers to the field of **kitchen** equipment; coffee mills; spice mills; apparatus for making beverages'. A kind of multi-functional food processor, include that there is the host computer of the driving module, one side of the host computer includes stirring the basin and stirring the cutting assembly of the basin cover, there are juice assemblies including fruit juice cup and fruit juice **bowl** cover on other one side of the host computer, their has channels that can pass the food to cover to

stir basin covering and fruit juice cup. The channel locates at and stirs the basin to cover one side that corresponds to the bowl cover of fruit juice, it is wide troughs, it extends from sidewall level or slope of stirring the basin and covering above the fruit juice cup downward, the end of the channel also has a vertical downward discharge gate, the discharge gate that the bowl cover of fruit juice corresponds to the channel enters chipper spouts. There are centrifugal blades to stir the wide well positions that correspond to the bowl cover of fruit juice on the basin, there are disk blades above the centrifugal blade, the play, and both couple to collar bush between the two, the collar bush crosses and stirs the basin to connect with driving module on of the host computer. This invention operates the flexible, high, saves time, saves effort, safe sanitary characteristic of working efficiency.

Inventors

GUO JIANGANG

DING LIGUO

Latest standardized assignees - inventors removed

GUANGDONG XINBAO ELECTRICAL APPLIANCES HOLDINGS

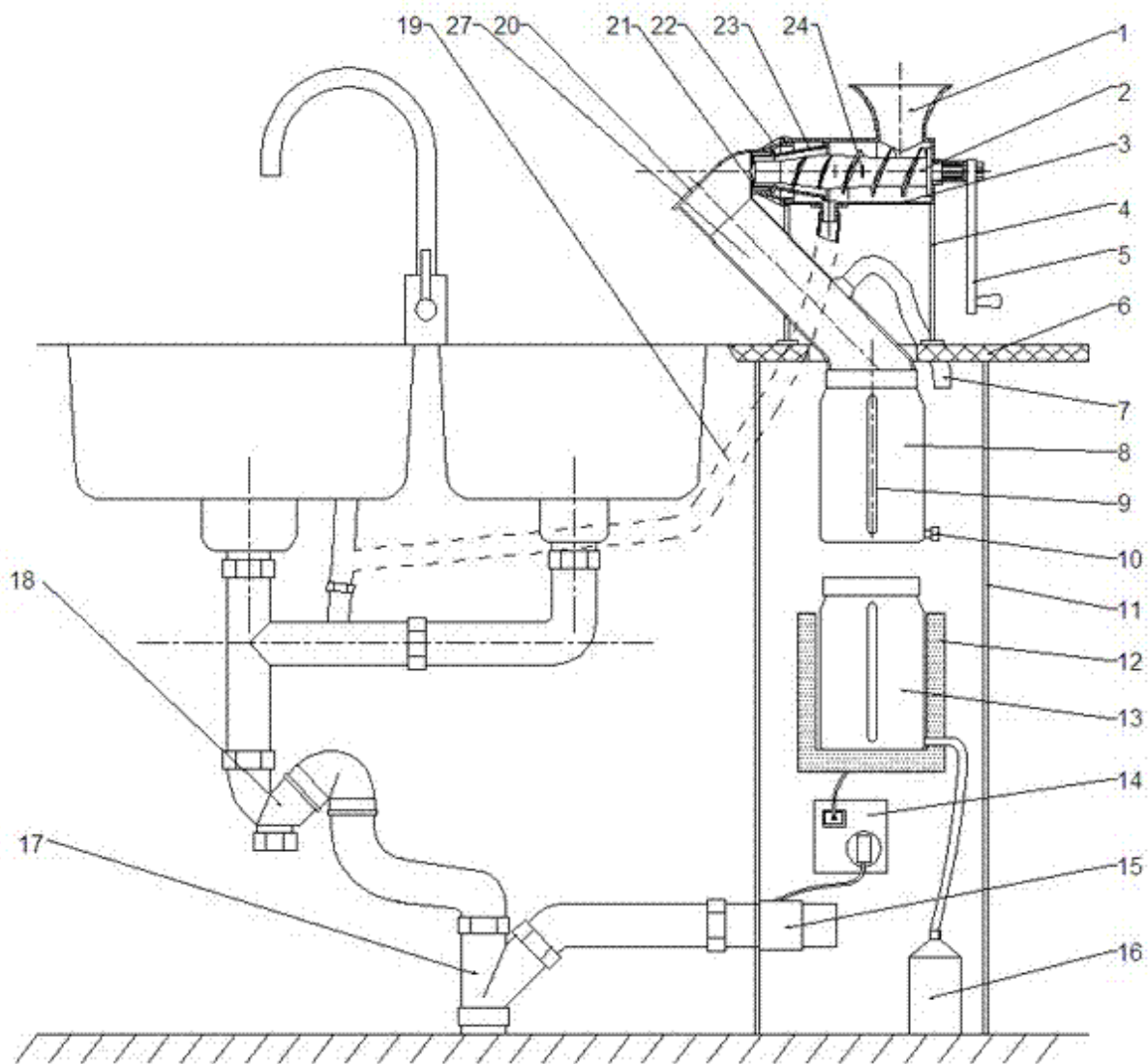
Family 26/100 - FAMPAT - ©Questel

Title

(CN108867784)

Household food waste processor and use method

Images



Publication numbers with kind code & date

CN108867784

A 2018-11-23 CN108867784



Abstract

(CN108867784)

The invention relates to a household food waste processor and an use method. The household food waste processor comprises a material guide pipe, a squeezing device arranged on a table board, and a sealing interval arranged below the table board, wherein the liquid outlet of the squeezing device is communicated with the water discharging pipeline of a kitchen water tank through a pipeline; the discharging hole of the squeezing device is communicated with the surrounding side of the upper end of the material guide pipe; the lower end of the material guide pipe penetrates through the table board and extends into the sealing interval below the table board; the lower end of the material guide pipe is connected with a bucket body; an electric heating cover of which the lower end is sealed is arranged in the sealing interval; another bucket body is placed in the electric heating cover; the lower end of the bucket body is provided with an output pipe; the tail end of the output pipe of the bucket body connected with the material guide pipe is provided with a blockage cap; the upper end of the bucket body placed in the electric heating cover is provided with a lid; the tail end of the output pipe is connected with a liquid storage tank through a pipeline. The household food waste processor has the advantages of simple structure, reasonable in design and convenience in operation and use, and the food waste can be collected and fermented so as to realize waste utilization.

Inventors

HUANG JIAN

Latest standardized assignees - inventors removed

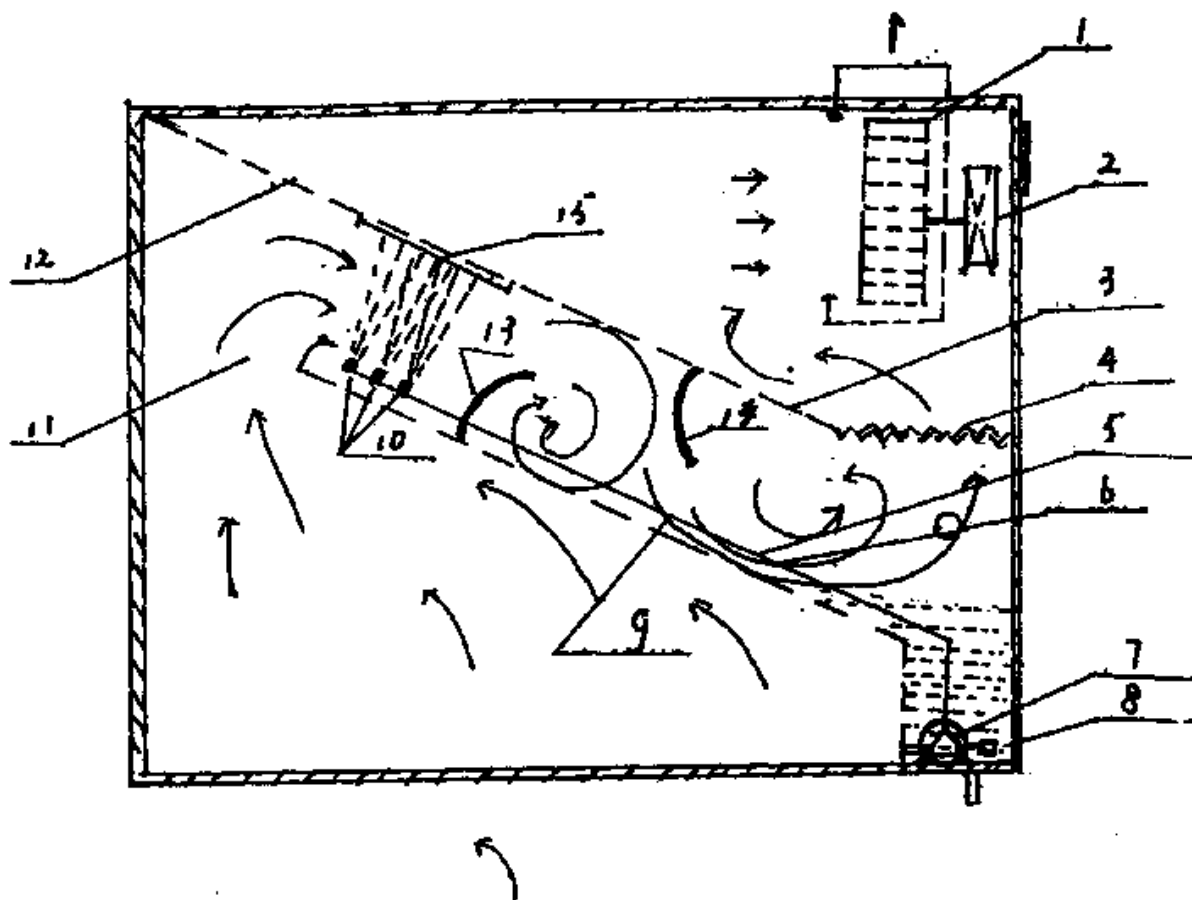
FUZHOU UNIVERSITY

Family 27/100 - FAMPAT - ©Questel

Title

(CN2548041U)

Environmental-protection cleaning-free kitchen hood

Images**Publication numbers with kind code & date**[CN2548041](#)

Y

2003-04-30

[CN2548041U](#)**Abstract**

(CN2548041)

The utility model relates to an environmental-protection cleaning-free **kitchen** hood, comprising a shell(1) and a fan(2) which is arranged inside and on the back upper part of the shell(1); the utility model is characterized in that the shell(1) is provided inside with an air processor(3); the air processor comprises a barrel body(5), a liquid spurting device(9), a connecting separator(12), a water blocking separator(4) and a cleaning liquid groove(8), wherein the barrel body of which the front part is high and the lower part is low is slantways arranged inside the shell and has the left side and the right side connected with a left side plate and a right side plate of the shell respectively, the front side of the top wall extended to the front upper corner of the shell by the connecting separator, the back side of the top wall connected with the back side wall of the shell by the breakwater separator and the bottom wall and the back sides of the left and the right side walls connected with the cleaning liquid groove(8); the cleaning liquid groove(8) is arranged on the back lower part of the shell. The utility model has the advantages of cleaning free, stable operation and little noise.

Inventors

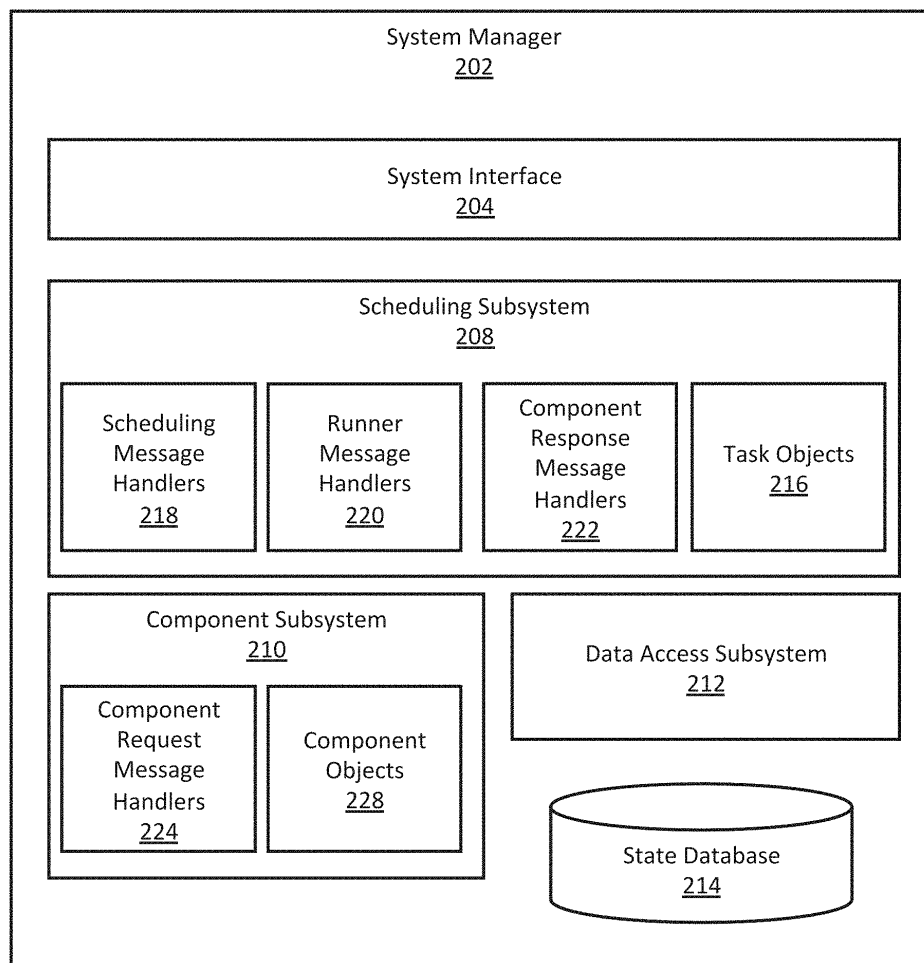
SHEN ZHONGLIANG

Family 28/100 - FAMPAT - ©Questel

Title

(US20190088281)

Reservation-based management of movable components

ImagesSystem
200

Publication numbers with kind code & date

US20190088281	A1	2019-03-21	US20190088281
US10163460	B1	2018-12-25	US10163460
US10140068	B1	2018-11-27	US10140068

**Abstract**

(US20190088281)

Techniques for management of movable devices are disclosed. A system receives a request for an operation associated with a position on a rail. The system selects a component on the rail to execute the operation. The system identifies a rail segment that extends from the component's initial position to the position associated with the operation. The system requests a reservation of that rail segment. If the reservation is obtained, then the system applies electrical signals to move the component along the rails segment to the rail position associated with the operation. The system may also identify one or more other components, physical cells, etc. to reserve, in order to complete the operation.

Inventors

DOLBEAR MICHAEL JAMES

HOLDMAN JON MARK

Latest standardized assignees - inventors removed

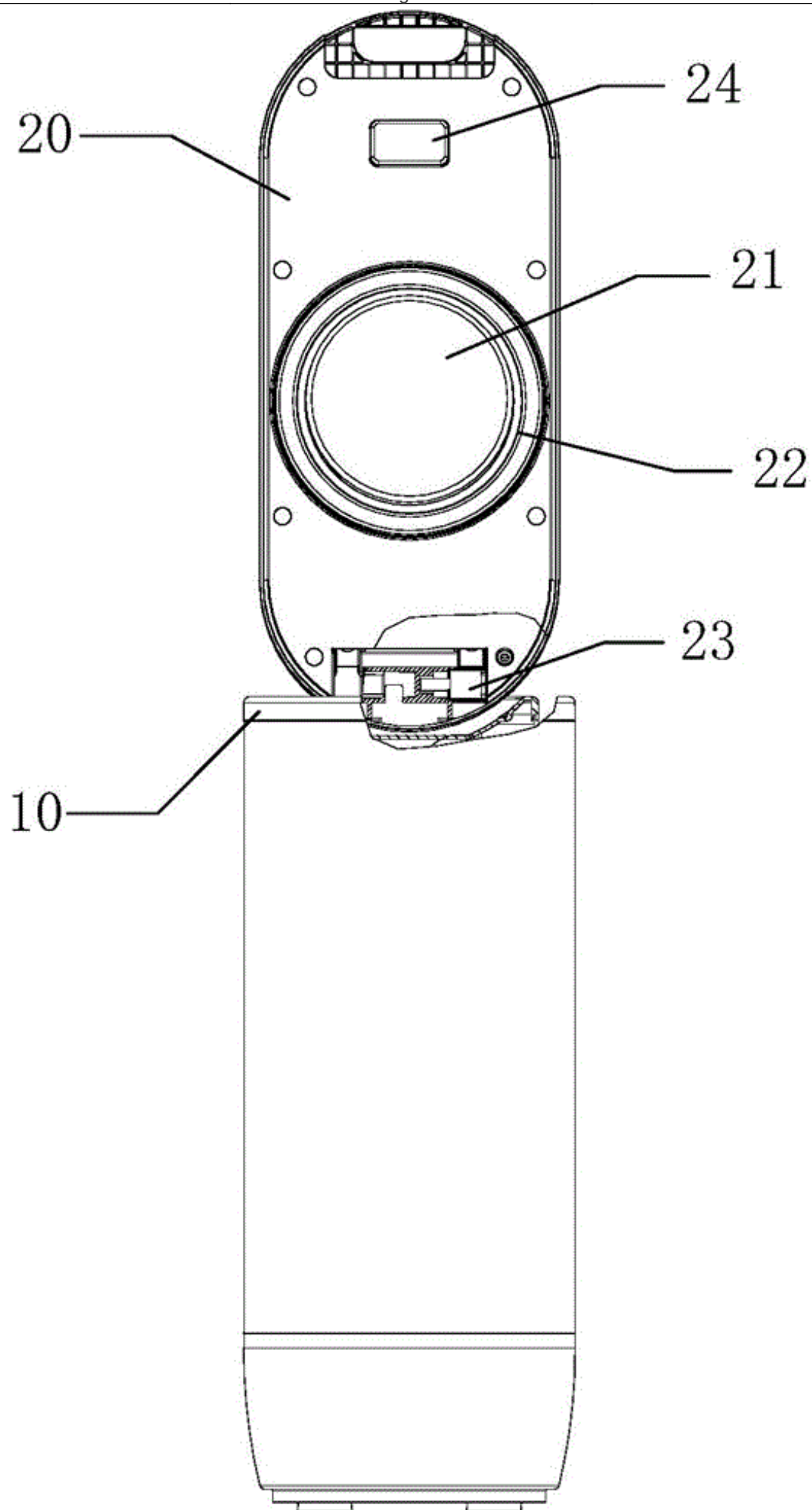
ORACLE INTERNATIONAL

Family 29/100 - FAMPAT - ©Questel

Title

(CN205926573U)

Surplus refuse treatment machine upper cover structure in **kitchen****Images**



Publication numbers with kind code & date

CN205926573

U 2017-02-08 CN205926573U

**Abstract**

(CN205926573)

The utility model relates to a surplus refuse treatment machine upper cover structure in **kitchen**, including top cap panel and zhong gai, well lid fixed mounting and is equipped with the pan feeding mouth with position department that the agitator corresponds on the opening that the processor lateral wall is constituted, the top cap panel with well lid is articulated, the outline of top cap panel with the shape of well lid is matchd, its characterized in that, the below of top cap panel be equipped with with the bung subassembly that the pan feeding mouth matches, the outward flange department of bung subassembly is equipped with the sealing washer, the top cap panel with the articulated department of well lid still is equipped with the attenuator. The utility model discloses a set up on the top cap panel in the sealing washer of bung subassembly outward flange department, after the top cap panel closed the lid, whole staving was sealed, avoids the peculiar smell to leak, the back of uncapping utilizes the effect of attenuator, makes that to close the lid slow, avoids closing that the gas shock leads to the fact the peculiar smell to disperse when covering.

Inventors

GUO JIACAN

GONG JIHUAN

YAN ZELIN

Latest standardized assignees - inventors removed

SUZHOU HONBASE MACHINERY MANUFACTURE

Family 30/100 - FAMPAT - ©Questel

Title

(WO201342641)

Automatic electrical drive power-incorporated/fixed miniature plant device for high-output private generator using high-density and high calorific value pellets

Images

generator miniature plant device being a generator that converts the energy of these pellets into high-output electrical capacity commensurate with that of the high-speed rotational movement capacity of an ultra-compact steam turbine. This is achieved by constituting a miniature plant which uses simultaneously and in a combined manner different combined mechanical devices which use removable, safe and compact heat-source adaptive burners as high-temperature heat sources by means of a powerful ignition device for environmentally friendly decontaminated home-made pellets which have a high density and calorific value, while being environmentally friendly.

Inventors

HIRAGURI TATSUO

Latest standardized assignees - inventors removed

JOINTCOMPANY KAIRIYUNITY

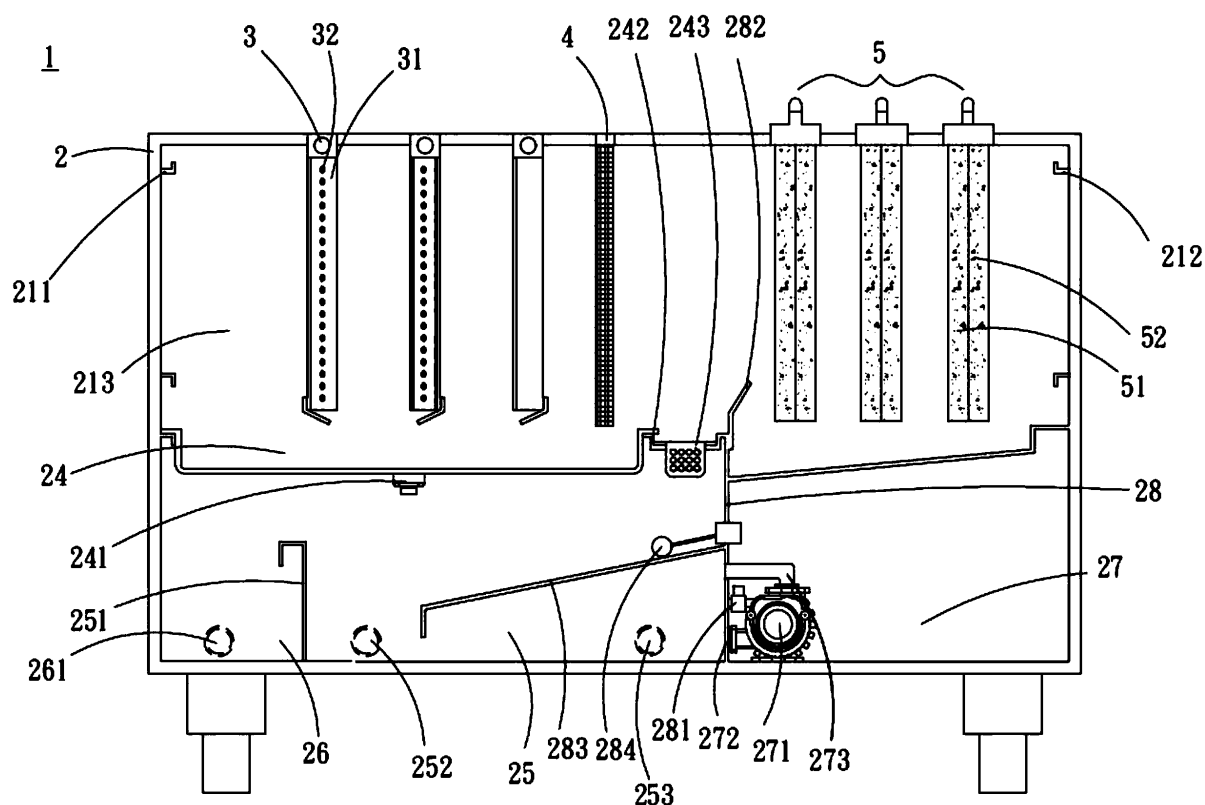
Family 31/100 - FAMPAT - ©Questel

Title

(TWM494270)

Water-washing type oil and odor of dust removal machine and its filter assembly

Images



Publication numbers with kind code & date

CN204723957	U	2015-10-28	CN204723957U
TWM494270	U	2015-01-21	TWM494270



Abstract

(TWM494270)

This creation is provides one kind of laundering oil removing to eliminate the taste duster and mesh module, states the laundering oil removing to eliminate the taste duster is includes: One the cabinet, at least water spray pipeline, at least keeps off the network of rivers and lakes and at least mesh module, in this cabinet the establishment has the first water collecting sump, this first water collecting sump base has the second water collecting sump with an oil trap, its water spray pipeline and keeps off the network of rivers and lakes and mesh module is the establishment in states in the cabinet, but this water spray pipeline has at least leads Shui Ban and penetrates to state the first water collecting sump and second water collecting sump forms Shui of Lian water cycle, and has to present mesh of module V shape to be possible effectively to reduce wind resistance, and enables the air current to flow presents passes circuitously, to cause to state the

laundering oil removing to eliminate the taste duster to have the ozone equipmentDeodorizes and fluent circulation produces the water [lian] to adhere to stick cohere the lampblack and V shape mesh module filtration, but removes in the air effectively the greasy dirt and dust and stink, and achieves the air pure and produces does not have the effect of oil, dustlessness and odourlessness dry pure air.

Inventors

TU GUANYU

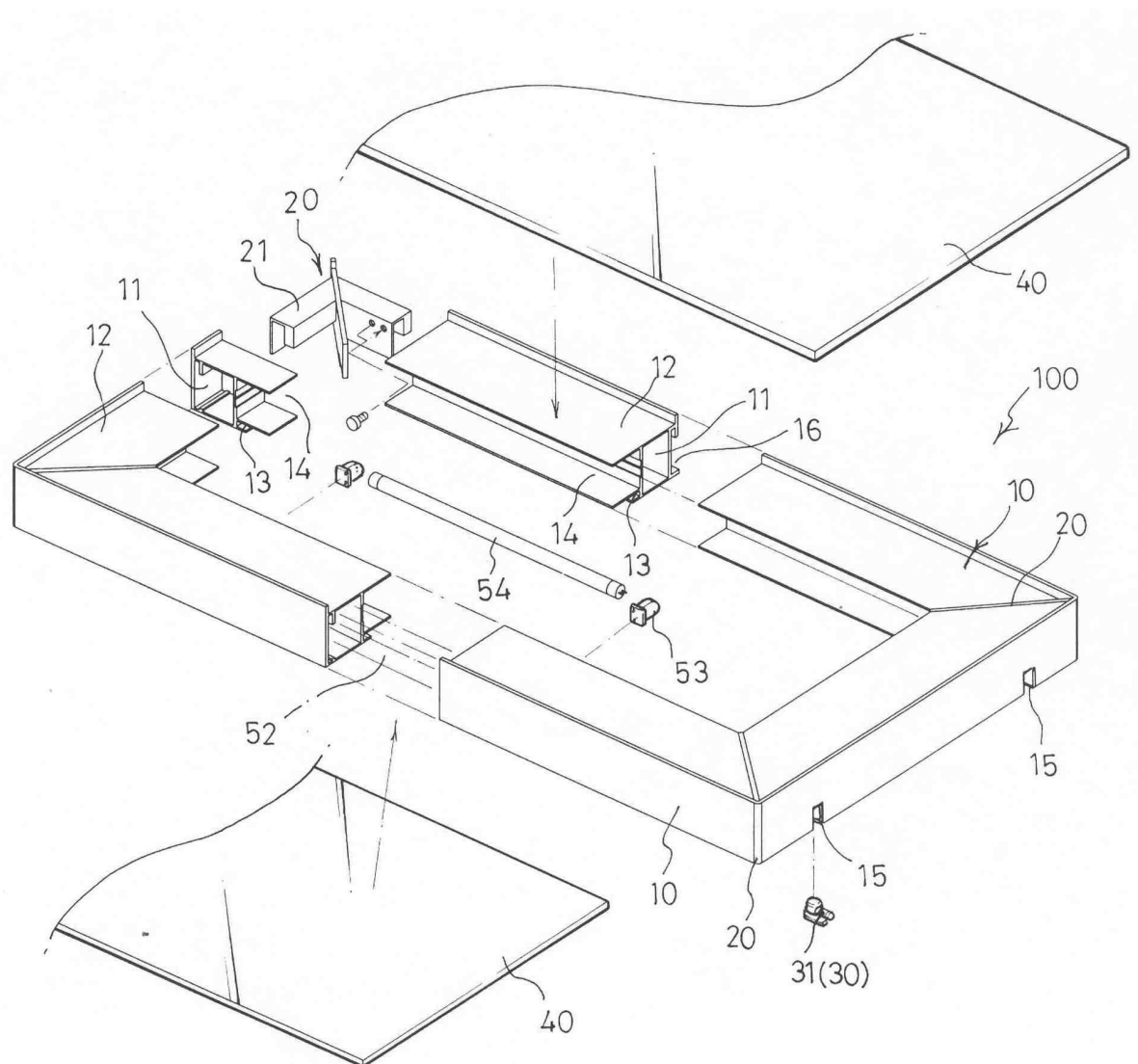
Family 32/100 - FAMPAT - ©Questel

Title

(KR200345831U)

Shelf with Lighting Apparatus

Images



Publication numbers with kind code & date

[KR200345831](#)

Y1 2004-03-25 KR200345831U



Abstract

(KR200345831)

This invention relates to a lighting fixture to a shelf is embedded, into the interior of the body is provided with an engaging groove (11), the groove (13) bottom and the top side of the seating (12) is formed, which is equipped with a space (14) between the shelf frame (10);

Shelf frame (10) fits into the engaging groove (11) of the projecting portion (21) is formed with both sides of the body at a predetermined angle with the connecting member (20);

The shelf frame (10) side parts of the body by being inserted into the binding, such that the housing is fixed on a furniture

(1) fixing means (30);

The upper and lower shelf frames (10) supporting (12) groove (13) provided in the illumination plate (40);

The space (14) inside the shelf frame (10) to emit light at the installed luminaire is (50) achieved.

Thus, room, living room or **kitchen** furniture installed in an indoor space of an illumination device housed by each rack installed, at night when the power switch is installed on a shelf by turning on only, and various props or displayed to improve the effectiveness of the **kitchen** appliance may be displayed, which is required by the user showcase can be withdrawn immediately after the confirmation of the user's convenience can be improved.

In addition, the lighting apparatus is installed in a rack outside of the light irradiation is little glare and shadows thus shown in Fig. dimply because of smooth and comfortable indoor atmosphere<DP N="2" TYPE="SOFT"/>effective to produce.

In addition, the original function of the display and storage in daytime storage furniture in addition to the function on a lathe, the color of the flood illumination of the bottom plate or the like of varying the identity of the user to make use of colorless indoor atmosphere by the second game decorative lights or as a stand for indoor decoration without the need for a separate illumination device of the present invention relates to an illumination device is embedded in an interior decoration effect sufficient shelf can be.

Then, as well as the inner wall of the furniture shelf can be easily detached and installed directly in a simple manner and can be made so as to cause the **handler** can have convenient as such is very useful for the design of the present invention.

Inventors

KIM, YOUNG-SHIN

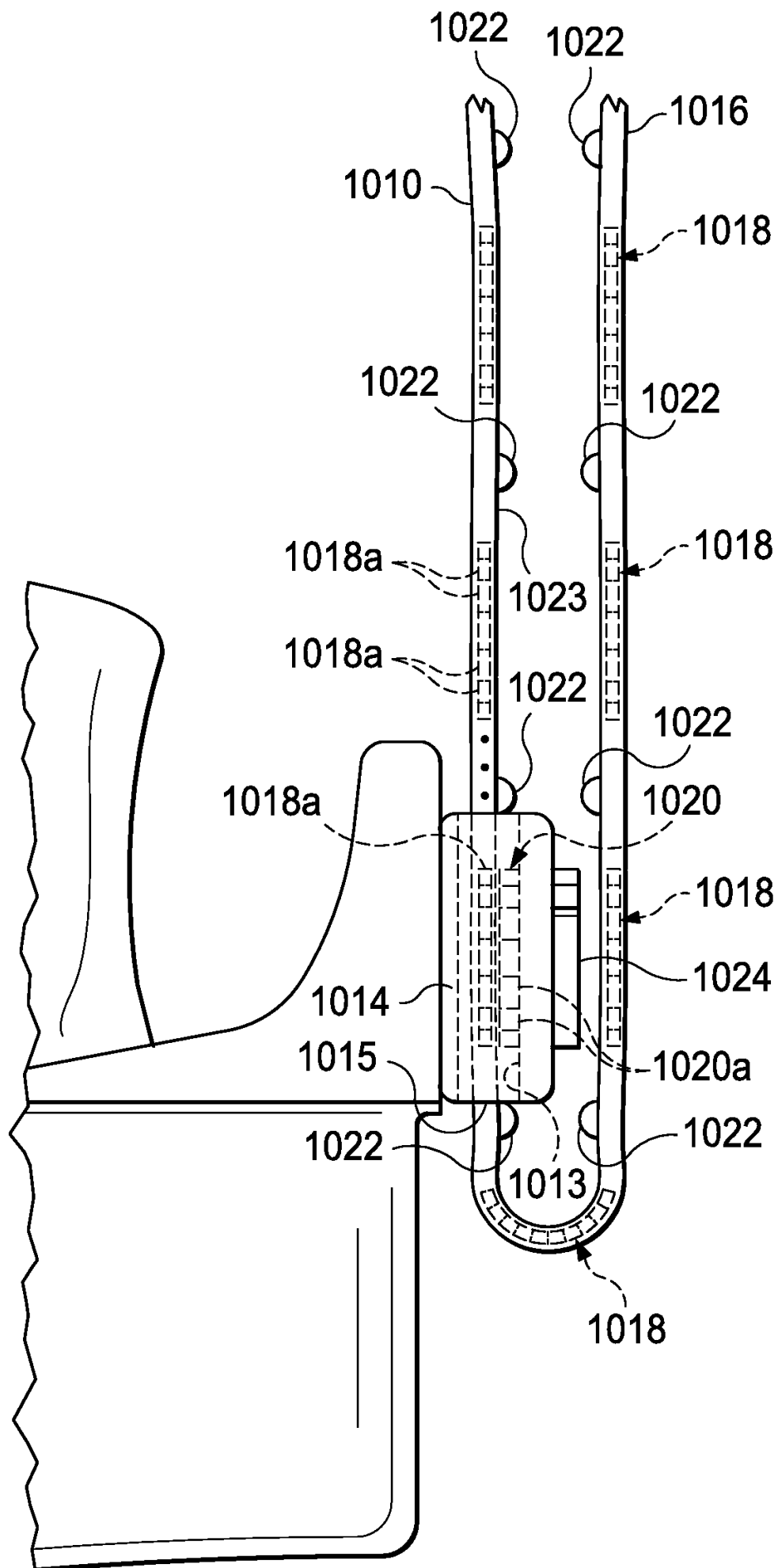
Family 33/100 - FAMPAT - ©Questel

Title

(EP2274706)

Techniques for producing an electrical pulse

Images



Publication numbers with kind code & date

BRPI1007352	A2	2018-06-12	BR201007352
EP3185255	A1	2017-06-28	EP3185255
EP2438601	B1	2017-03-29	EP2438601
CN102804291	B	2015-12-09	CN102804291B
US20150318088	A1	2015-11-05	US20150318088
BRPI0911080	A2	2015-10-06	BR200911080
US9082539	B2	2015-07-14	US9082539
JP5769177	B2	2015-07-03	JP5769177
US8963668	B2	2015-02-24	US8963668
US20150048913	A1	2015-02-19	US20150048913
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WO2009/123718	A1	2009-10-08	WO2009123718				
WO2009/124030	A1	2009-10-08	WO2009124030				

Abstract

(EP2274706)

Embodiments of the present invention provide an apparatus, comprising a field emission source having polarities and positions in accordance with a code, a plurality of connected coils adapted to move proximate to said field emission source and having positions in accordance with said code, and wherein an electrical pulse is created when said field emission source is aligned with said plurality of connected coils according to said code.

Inventors

FULLERTON LARRY W

ROBERTS MARK D

Latest standardized assignees - inventors removed

CORRELATED MAGNETICS RESEARCH

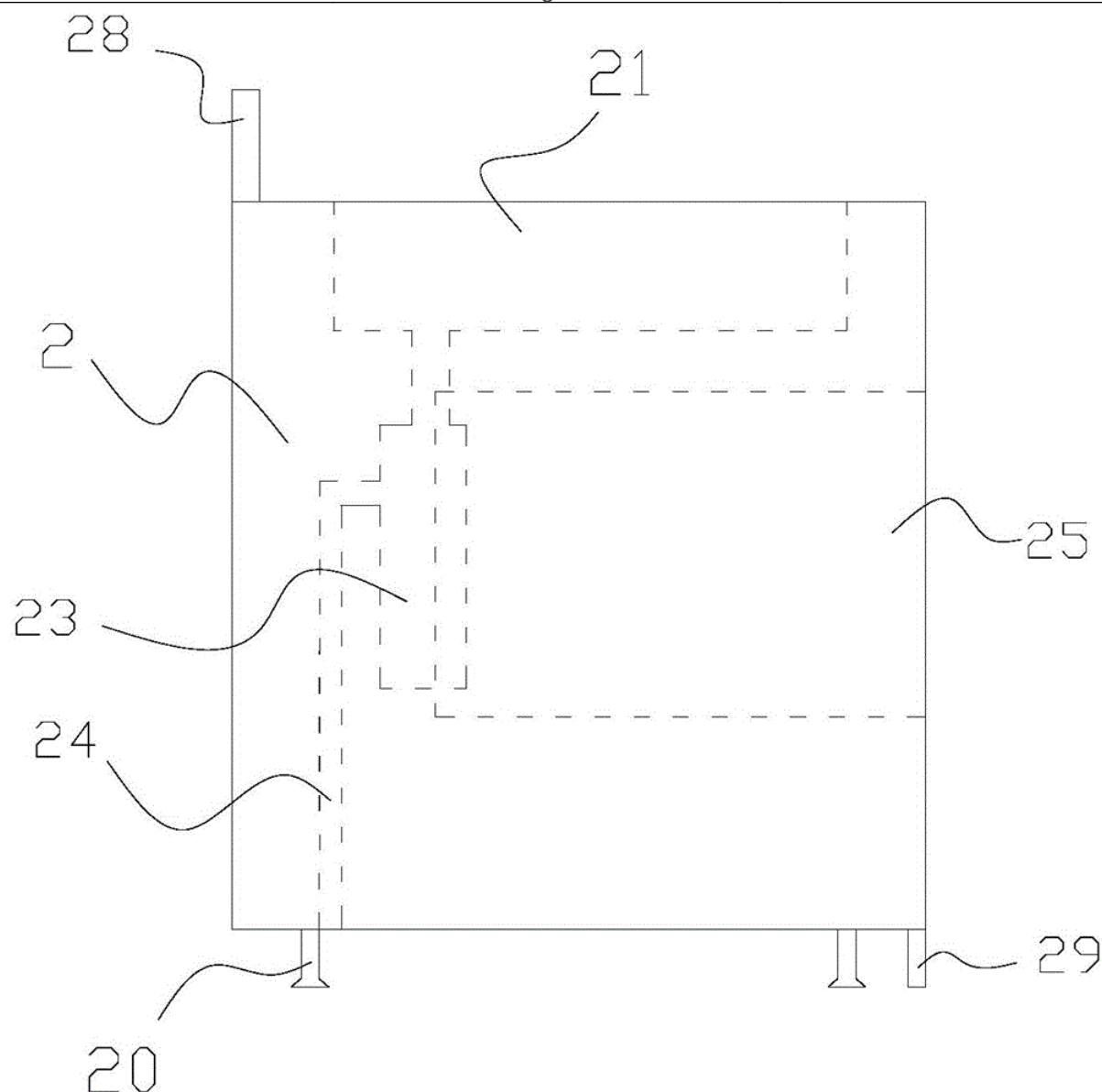
Family 34/100 - FAMPAT - ©Questel

Title

(CN209391426U)

Integrated dish washing, disinfection, storage unit cabinet

Images



Publication numbers with kind code & date

[CN209391426](#) U 2019-09-17 CN209391426U



Abstract

(CN209391426)

The present utility model discloses an integrated dish washing, disinfection, storage unit cabinet, includes a cabinet, a square cross section, in the cupboard for flush mount table, the bin upper surface provided with the basin, the basin comprises right and left side by side 1st 2nd water tank and water tank, is provided on the inner bottom surface of the sink drain outlet 1st 1st, 2nd is provided on the inner bottom surface of the sink drain outlet 2nd; 1st 2nd drain within a basin bottom drain opening and is positioned closer to one side of the wall, cupboard is provided within the cabinet, cupboard is smaller than the lateral width of the basin, located immediately below a cupboard of a sink side near the 2nd tank; cupboard for automatically shuffling cupboard. The present utility model solve the problem of the existing sink below "junk space", and the integrated dish washing, disinfection, storage problem, greatly save **kitchen** space and cost, the present utility model using a local modification of the cabinet to facilitate, improve the **kitchen** environment.

Inventors

LAN JIAN

Family 35/100 - FAMPAT - ©Questel

Title

(EP2873631)

Tank transport unit, in particular rinsing tank transport unit

Images

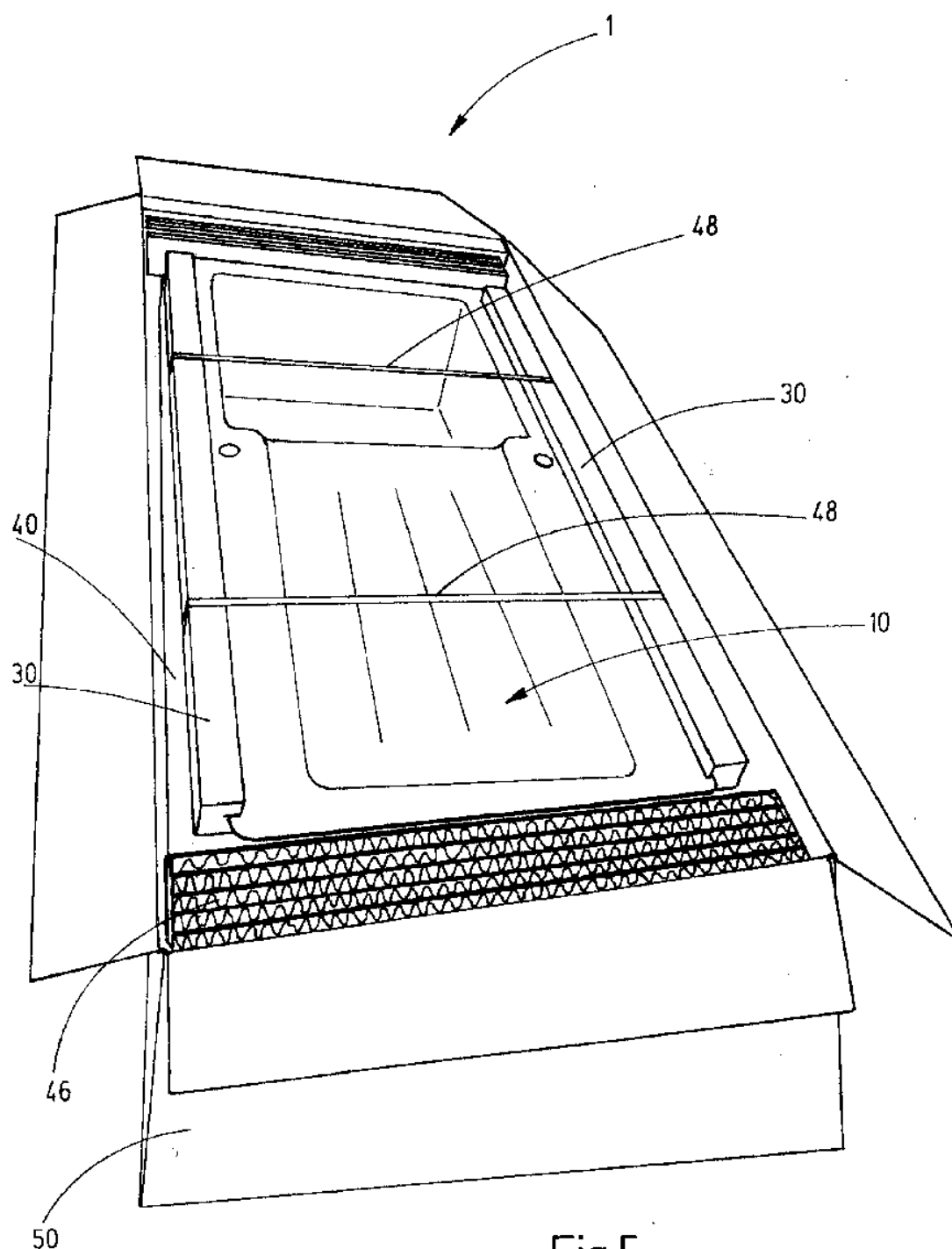


Fig.5

Publication numbers with kind code & date

DE102013019661 A1 2015-05-21 DE102013019661
 EP2873631 A1 2015-05-20 EP2873631



Abstract

(EP2873631)

Transport unit (1), the invention relates to a tank in particular a wash basin transport unit, a transport packaging (50) and arranged therein and a composite material prepared lap part (10), wherein the reservoir molding (10) a first portion (12) having a basin (14) and a second portion (16) with a dripping surface (18) or other tank includes, comprising a slat (30) conveyor (1) of the basin and, at one of the first section and second (12) section (16) fitting bead (24, 26) of the bowl shaped part (10) rests and thereby the lap part (10) upon the occurrence of shock stabilized and mechanical overload protection.

Inventors

WERKMEISTER MARC

PLEDL XAVER

Latest standardized assignees - inventors removed

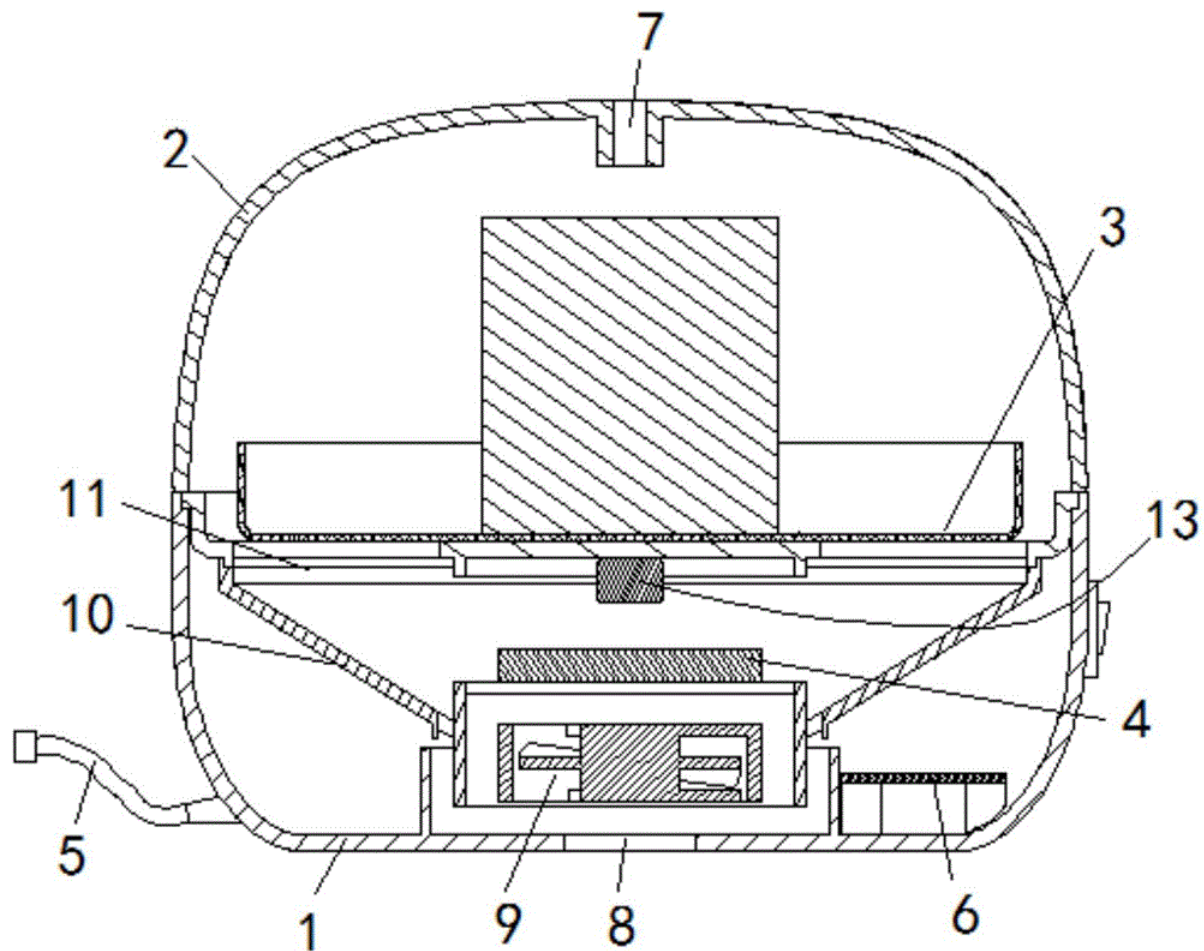
SCHOCK

Family 36/100 - FAMPAT - ©Questel

Title

(CN209346721U)

Food processor of the butter softening fitting

Images**Publication numbers with kind code & date**[CN209346721](#) U 2019-09-06 CN209346721U**Abstract**

(CN209346721)

The present utility model relates to the technical field of **kitchen** appliances, in particular to a food processor butter softening fitting, comprising: a base and a top cover, the cover may be rotated to open and close is connected to the base, the base is provided with a set bid, bid set is provided below the heater, the heater spacing is provided between the bio disc is placed, on the power supply line connected to the heater through the food processor, and the base is provided with a control board, control board electrically connected to a heater for controlling heat of the heater temperature; cap upper end is provided with the air outlet, the air inlet openings are provided through the base lower end, the air inlet openings, an interior space and a closed base and the top air outlet make up air convection channel. The present utility model can be controlled in the butter is heated by the heat temperature, the temperature is such that the butter heat softened just claim, more convenient to use; food processor and employing a fitting form, may be directly connected to the food processing machines may be used, the operation is simple, small size, lower cost.

Inventors

GUO JIANGANG

LIU JIANSHU

GAO BO

Latest standardized assignees - inventors removed

GUANGDONG BAISHENGTU TECHNOLOGY

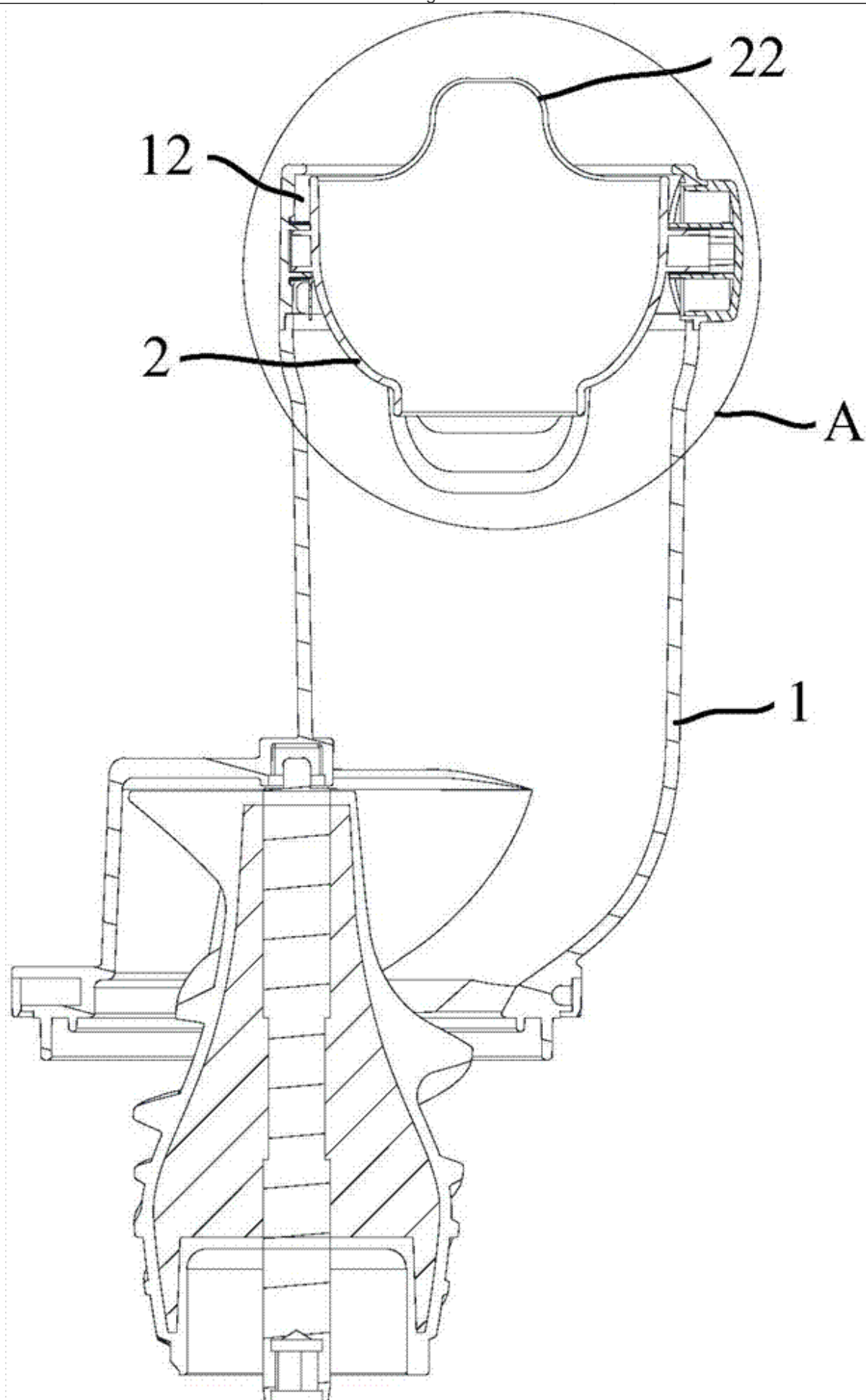
Family 37/100 - FAMPAT - ©Questel

Title

(CN207285836U)

Cup body component and food processor

Images



(CN207285836)

The utility model provides a cup body component and food processor, cup body component includes: the screw rod of squeezing the juice is installed to the cup of squeezing the juice in the cup of squeezing the juice, the bowl cover of squeezing the juice is dismantled ground lid dress and on the cup of squeezing the juice, is provided with the feed inlet on it, throw the material cup, its first serving is provided with first dog -house, throws the material cup and can install in the feed inlet with rotating to the messenger throws the material cup can be at the feed inlet internal rotation, the knob, the knob is installed squeeze the juice on the lateral wall of bowl cover, and with it connects to throw one side of material cup, the knob is used for the drive it rotates to throw the material cup. This technical scheme is through set knob on the scum juice bowl cover to can order about and throw the material cup and rotate through rotating the knob, thereby just promote to throw the material cup without the user is such in to prior art with the hand is direct, and then can prevent that the hand from polluting and throw the material cup, so that can ensure the clean health of product, therefore can ensure user's health and safety.

Inventors

GUO HOUCAI

LIU RONG

TANG YAN

YOU SHOUQING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

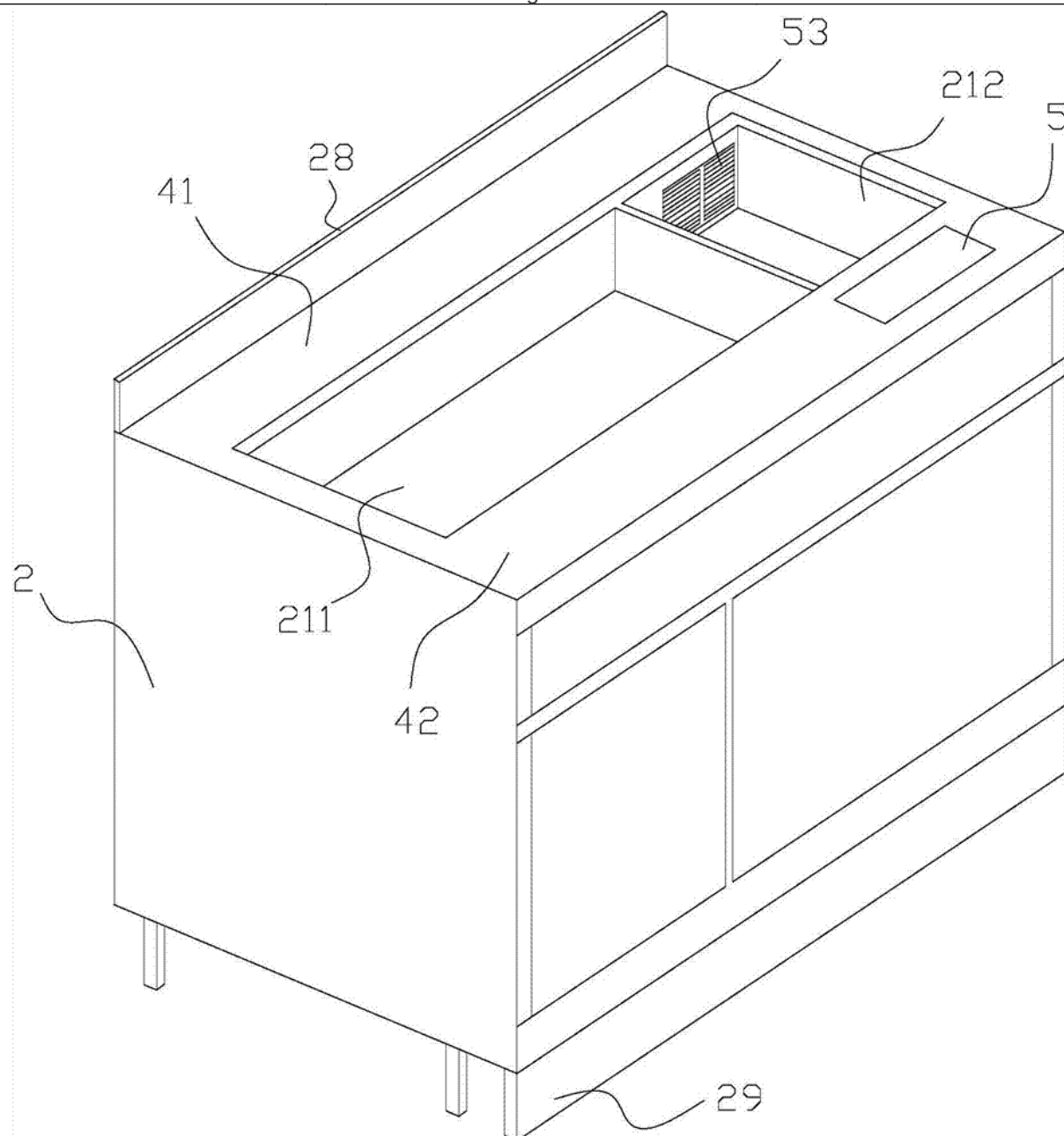
Family 38/100 - FAMPAT - ©Questel

Title

(CN208235652U)

Stealthy formula ultrasonic cleaning drives incomplete integrated cell body of farming with ion electrolysis

Images



Publication numbers with kind code & date

[CN208235652](#)

U

2018-12-14

CN208235652U



Abstract

(CN208235652)

The utility model discloses a stealthy formula ultrasonic cleaning drives incomplete integrated cell body of farming with ion electrolysis, cell body upper end is equipped with the basin, basin side by side first basin and second basin about including, the width is greater than about first basin the second basin, be equipped with first drainage hole on the interior bottom surface of first basin, be equipped with the second outlet on the interior bottom surface of second basin, still including the cabinet body that supports the basin for the embedded installation in the cupboard platform, the internal cupboard that is equipped with of cabinet, the cell wall outside of second basin is equipped with the ultrasonic wave and takes place the module, and the casket storehouse is equipped with themesh outside locating the lateral wall of second basin on the lateral wall, mesh intercommunication casket storehouse and second basin, be equipped with brineelectrolysis generation module in the casket storehouse. The utility model provides an edible material wash and go the incomplete problem of farming, and utilize the utility model discloses a scheme helps local transformation, improves the **kitchen** environment.

Inventors

LAN JIAN

Title

(EP3030121)

Food preparation equipment

Images

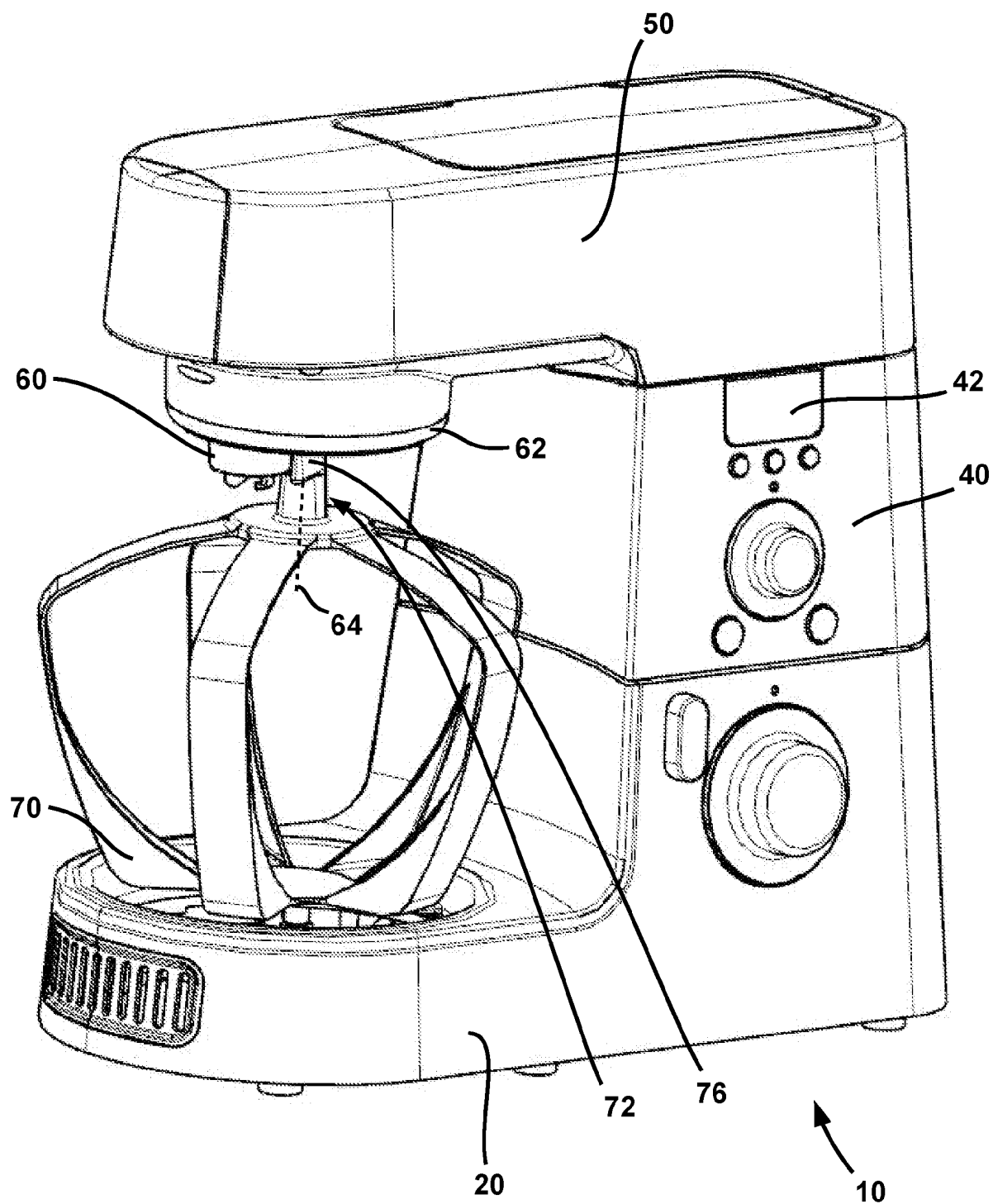


Fig 1a

Publication numbers with kind code & date

EP3030121	B1	2019-10-09	EP3030121
CN105451617	B	2018-01-19	CN105451617B
EP3030121	A1	2016-06-15	EP3030121
CN105451617	A	2016-03-30	CN105451617
GB2516901	A8	2015-12-23	GB2516901
WO2015/019095	A1	2015-02-12	WO201519095



[GB2516901](#)

A 2015-02-11 GB2516901

[GB201314007](#)

D0 2013-09-18 GB201314007

**Abstract**

(EP3030121)

An attachment for a heated stand mixer (10) configured to temporarily adapt the stand mixer for performing sous-vide cooking, the attachment comprising coupling means (72), whereby the attachment (70) can be readily coupled to and removed from the stand mixer, wherein the coupling means comprises a shaft (74) and means for coupling the shaft to a driving head (50) of the stand mixer so as to pick up rotational drive therefrom, the attachment further comprising one or more arms (80) radiating outwardly from the region of said shaft, wherein the or each said radiating arm is configured to hold vacuum-packed foods to act as paddles thereby creating a stirring action.

Inventors

SHANMUGAM SIVAPRAKASH

Latest standardized assignees - inventors removed

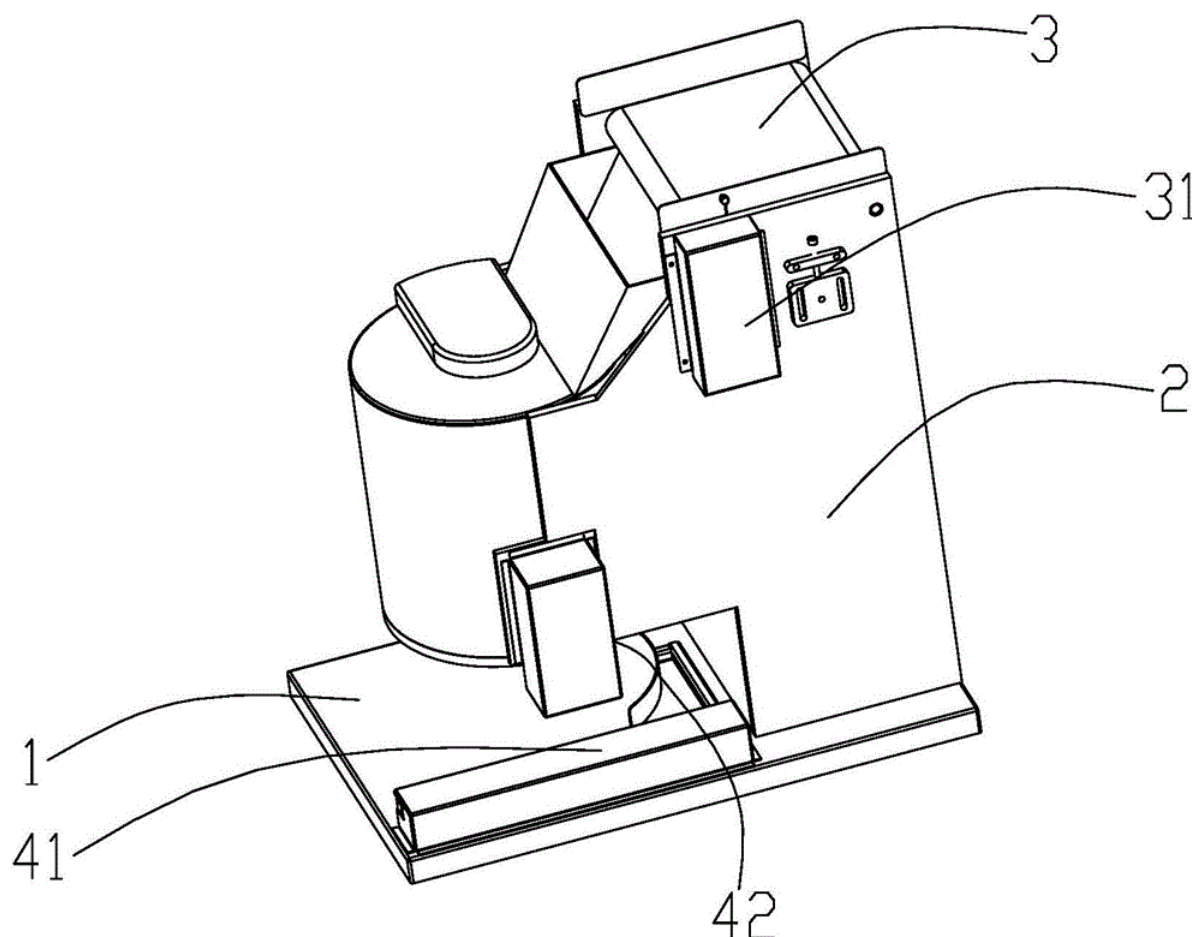
KENWOOD

Family 40/100 - FAMPAT - ©Questel

Title

(CN109820439)

Scallion, ginger and garlic processor

Images**Publication numbers with kind code & date**[CN109820439](#)

A 2019-05-31 CN109820439

**Abstract**

(CN109820439)

Provided is a scallion, ginger and garlic processor. The invention relates to a **kitchen** tool, in particular to a scallion, ginger and garlic processor which does not need manual participation in the whole process and has high automation degree. The

scallion, ginger and garlic processor comprises an scallion processor and a ginger and garlic processor which are detachably arranged on a base. The scallion processor comprises a scallion feeding cylinder and an scallion cutting assembly arranged at the bottom of the scallion feeding cylinder, wherein a scallion separator is arranged in the feedingcylinder, and the scallion cutting assembly is driven by a first motor. The ginger and garlic processing machine comprises a ginger and garlic feeding cylinder, wherein a blade assembly driven by a second motor to rotate is arranged at the bottom of the ginger and garlic feeding cylinder, the blade assembly comprises at least two cutters, and the two cutters are switched through a switching device. When ginger, garlic and the like need to be cut into different shapes, the cutters are switched through the switching device. Therefore, automatic tool changing can be achieved, manual participation is decreased, and the automation degree is high.

Inventors

FU FENGFENG

Latest standardized assignees - inventors removed

GUANGZHOU FUKORN VANGUARD INTELLIGENT TECHNOLOGY

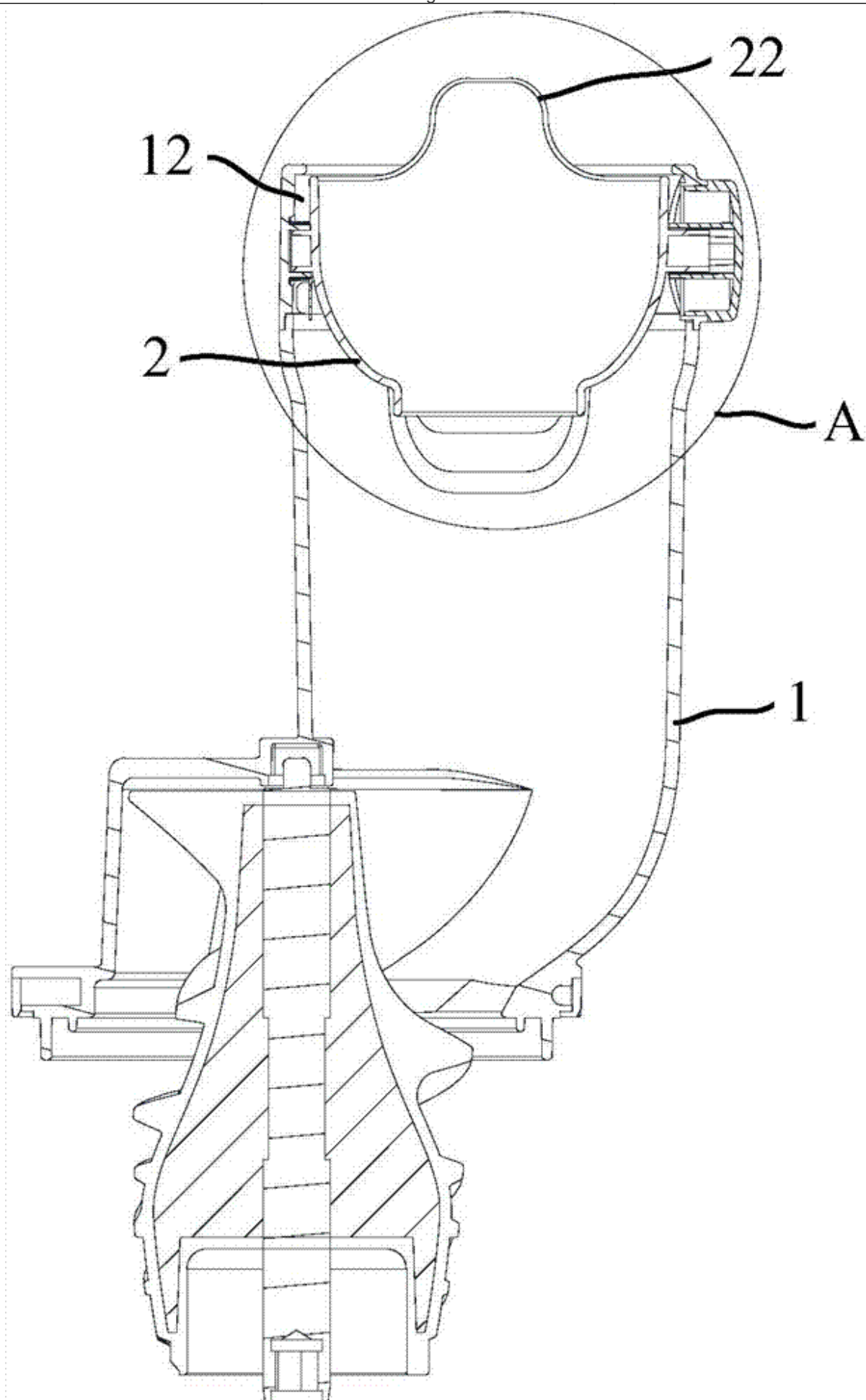
Family 41/100 - FAMPAT - ©Questel

Title

(CN207412000U)

Cup body component and food processor

Images



(CN207412000)

The utility model provides a cup body component and food processor, cup body component includes: the cup of squeezing the juice, the bowl cover of squeezing the juice can cover the dress with dismantling and on the cup of squeezing the juice, be provided with the feed inlet on it, throw the material cup, first the serving of throwing the material cup is provided with first dog -house, throws the material cup and can install in the feed inlet with rotating to the messenger throws the material cup can be at the feed inlet internal rotation, the screw rod of squeezing the juice, the screw rod of squeezing the juice is installed in the cup of squeezing the juice, wherein, the diameter of feed inlet is $D1$, and it is R at the intraoral rotation radius of feeding to throw the material cup, $R \geq D1/2$. The material cup is thrown at the ascending overall height of axle through equitable setting to this scheme to the messenger throws the radius of the actual rotation radius more than or equal to feed inlet of material cup, thereby just can play the purpose that reduces to throw the maximum clearance between the inner wall of expecting cup and feed inlet, so that can really reduce the actual opening size of feed inlet, so as to improves the factor of safety of product, reduces the potential safety hazard.

Inventors

GUO HOUCAI

LIU RONG

TANG YAN

YOU SHOUQING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

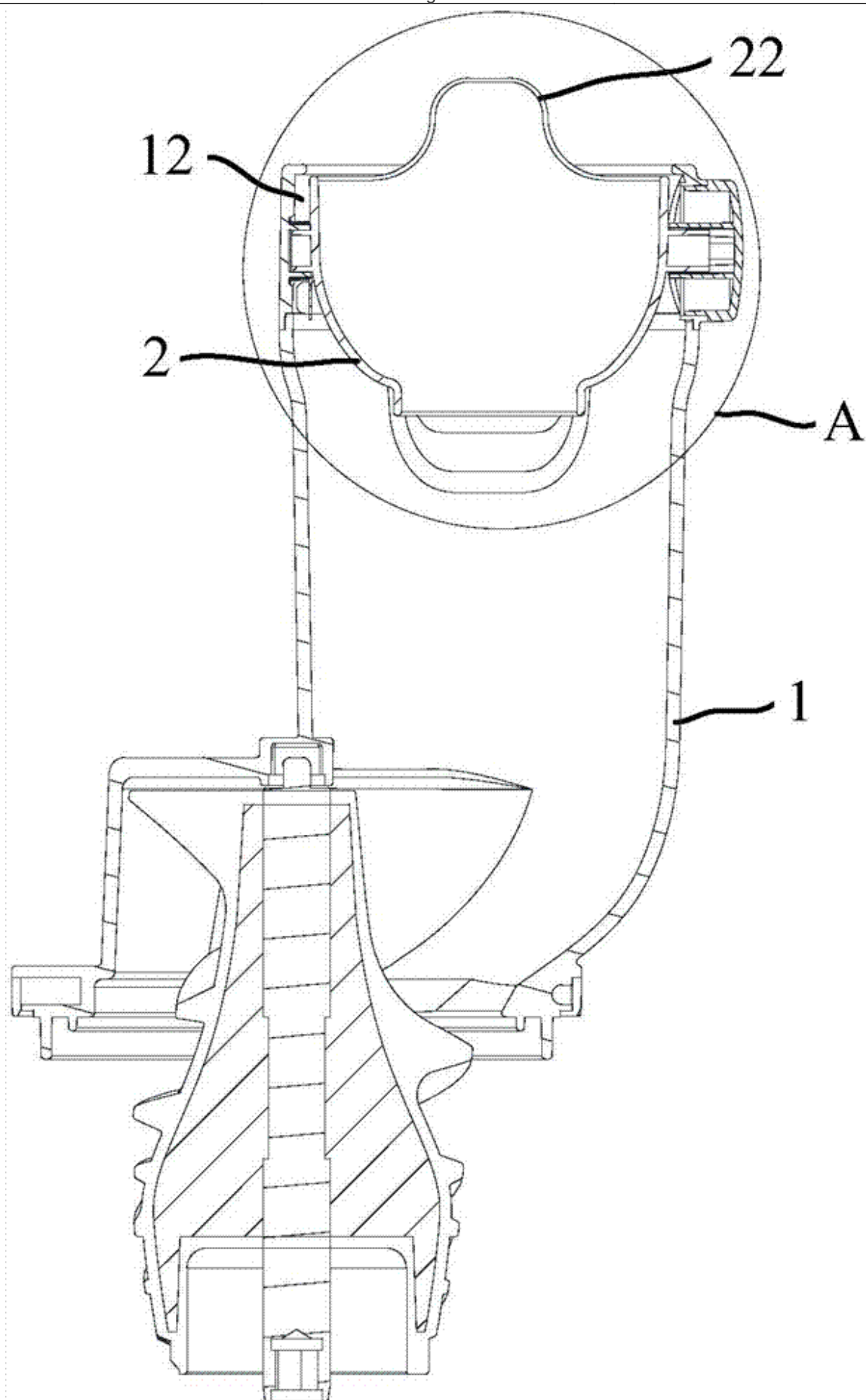
Family 42/100 - FAMPAT - ©Questel

Title

(CN207220660U)

Cup body component and food processor

Images



(CN207220660)

The utility model provides a cup body component and food processor, cup body component includes: the screw rod of squeezing the juice is installed to the cup of squeezing the juice in it, the bowl cover of squeezing the juice is dismantled ground lid dress and on the cup of squeezing the juice, is provided with the feed inlet on it, throw the material cup, its first serving is provided with firstdog -house, and install on the lateral wall of feed inlet with rotating its both sides, throw the material cup and can the pivoted angle be α in the feed inlet, wherein, $0 \leq \alpha \leq 180$. Can this scheme be prescribed a limit to 0 by pivoted angle α in the feed inlet through throwing the material cup 180, it expects that the cup is merely able to rotate 180 the most greatly to make to throw, can just make promptly to throw expects that the cup overturns 180 from top to bottom, so that in can expecting that the cup of squeezing the juice is put into to intraoral edible material with the first throw, this kind sets up and is merely able to rotate 180 the most greatly owing to throw the material cup, consequently, throw the material cup and rotate 180 back alright automatic shutdowns rotations, thereby can prevent to throw the material cup rotates excessively, and can not put into the condition emergence in the cup of squeezing the juice completely with eating the material.

Inventors

GUO HOUCAI

LIU RONG

TANG YAN

YOU SHOUQING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

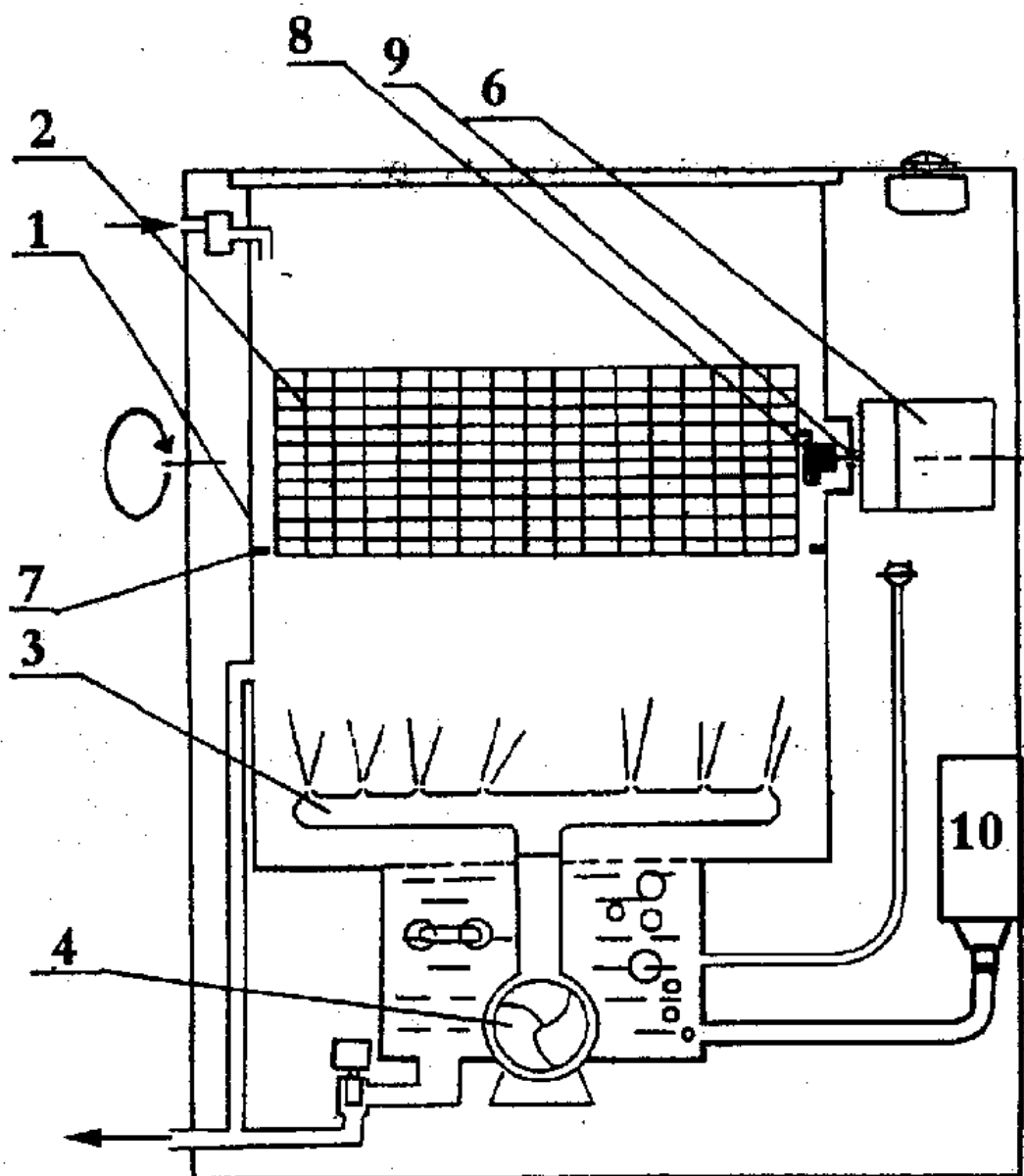
Family 43/100 - FAMPAT - ©Questel

Title

(CN2401139U)

Vegetable, fruit and tableware washing machine

Images



Publication numbers with kind code & date

[CN2401139](#)

Y 2000-10-18 CN2401139U



Abstract

(CN2401139)

The utility model discloses a cleaning machine for vegetables, fruits and tableware, which comprises a barrel body, a vegetable and fruit basket, a rotating spraying arm, an electric water pump, a tableware frame, a low-speed motor, and an ozone generator. When vegetables and fruits need cleaning, the tableware frame arranged on a bearing point can be taken out and the vegetable and fruit basket can be put on, and the rotating and the vegetable and fruit basket is sprayed through rotating the spraying arm, and thereby, vegetables or fruits in the vegetable and fruit basket are cleanly cleaned; when the tableware needs cleaning, the vegetable and fruit basket can be taken out and the tableware frame can be put on the bearing point, and the tableware on the tableware frame can be cleanly cleaned. The utility model has the advantages of more perfect function and better cleaning effect than the Chinese Patent 99235156.

Inventors

YAO LING

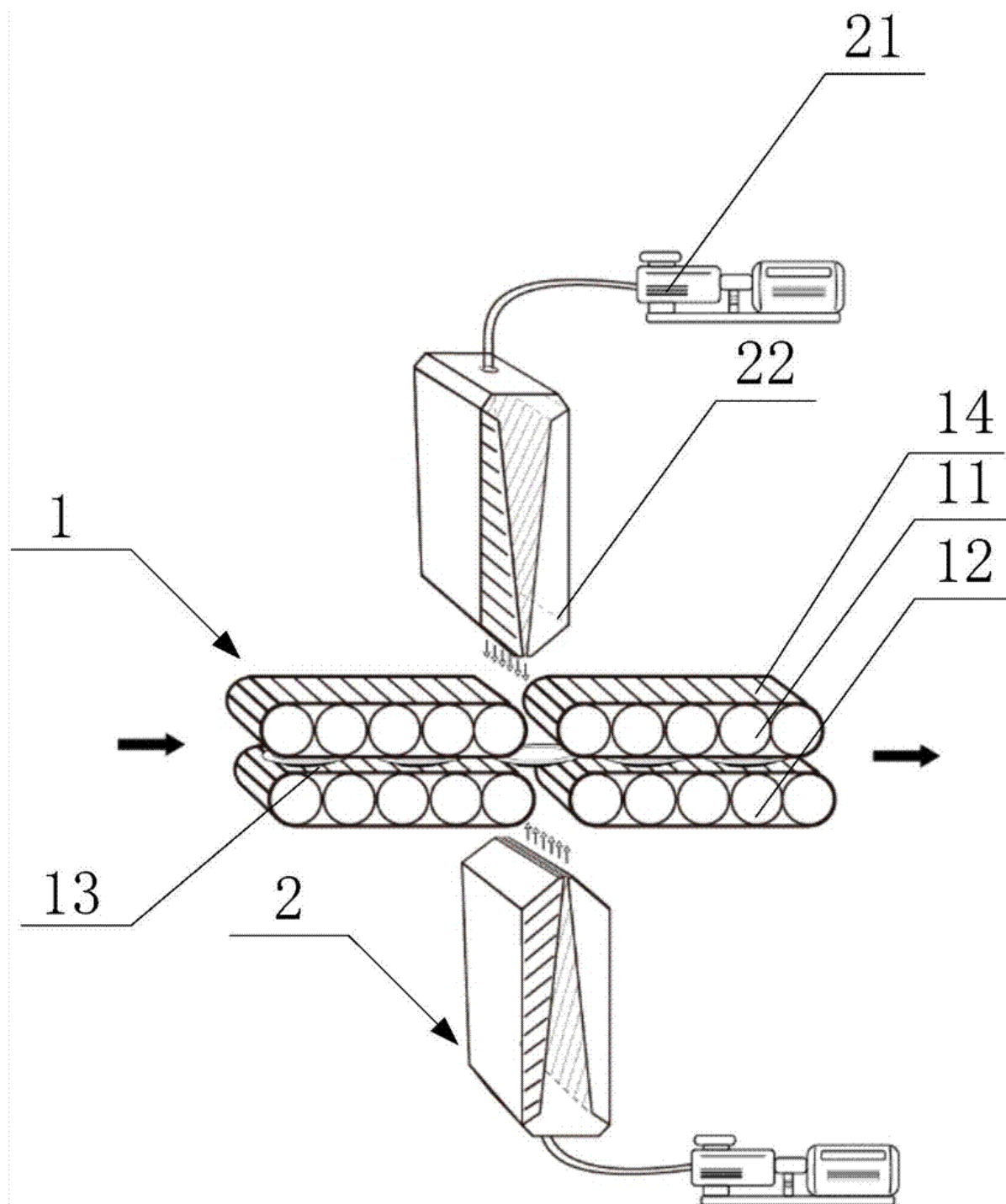
Family 44/100 - FAMPAT - ©Questel

Title

(CN206434291U)

Tableware self - cleaning equipment

Images



Publication numbers with kind code & date

CN206434291

U 2017-08-25 CN206434291U



Abstract

(CN206434291)

The utility model relates to a **kitchen** equipment technical field, concretely relates to tableware self - cleaning equipment, including two above conveying belt group and two above water under high pressure sword devices, every conveying belt group be located same horizontal plane and in proper order the interval set up, be located upper and lower both sides between two conveyer belts and be provided with water under high pressure sword device respectively, water under high pressure sword device includes interconnect's water pump and nozzle, the opening of nozzle is towards the interval. The utility model provides a pair of the tableware self - cleaning equipment of institutional advancement through water under high pressure sword injection tableware, effectively removes the gred and degreases to the tableware, and it has residue, peculiar smell, fatty current situation greatly to reduce the tableware, substitutes chemical detergent such as using liquid

detergent, disinfectant, from the chemical residue problem of source solution to improve the hygienic standard of disinfection tableware.

Inventors

ZHAN GUOSHAN

Latest standardized assignees - inventors removed

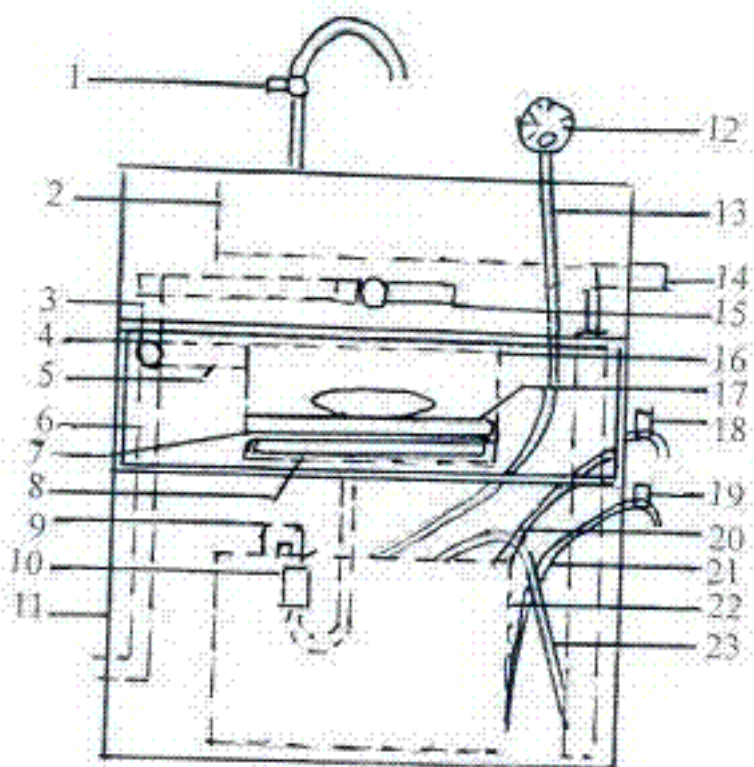
FUJIAN YOUJIA ELECTRONIC COMMERCE

Family 45/100 - FAMPAT - ©Questel

Title

(CN206616629U)

Domestic reclaimed water treatment machine

Images**Publication numbers with kind code & date**

[CN206616629](#) U 2017-11-07 CN206616629U

**Abstract**

(CN206616629)

Domestic reclaimed water treatment machine is a water processing technique, and its structural relation is, the manometer is being connected to the upper end of manometer connecting pipe, and the top at the pressure tank is connected to its lower extreme, fixed panel drawer handle 's the higher authority in the front of tee bend valve, tonifying qi pressure boost connecting pipe one end is connected with pressure water tank, and its other end is connected with tonifying qi supercharging device, the lower extreme and the check valve of normal water connecting pipe are connected, and the check valve lower extreme is connected with the pressure water tank top, exhaust decompression connecting pipe is connected at the pressure water tank top, the normal water discharges the connecting pipe to be connected bottom the pressure water tank trailing flank, and the normal water discharges the top of connecting pipe and is installing normal water delivery valve, overflow threaded flexible pipe lower extreme is connected with the tee bend union piece, in line threaded flexible pipe is connected with tee bend gather valve left end the upper end, and its lower extreme is connected with the tee bend union piece, the blow off pipe upper end is connected with the tee bend union piece, and its lower extreme disect insertion **kitchen** floor drain is downthetheole, household intermediate water processing machine

Inventors

JIA JIZHEN

Latest standardized assignees - inventors removed

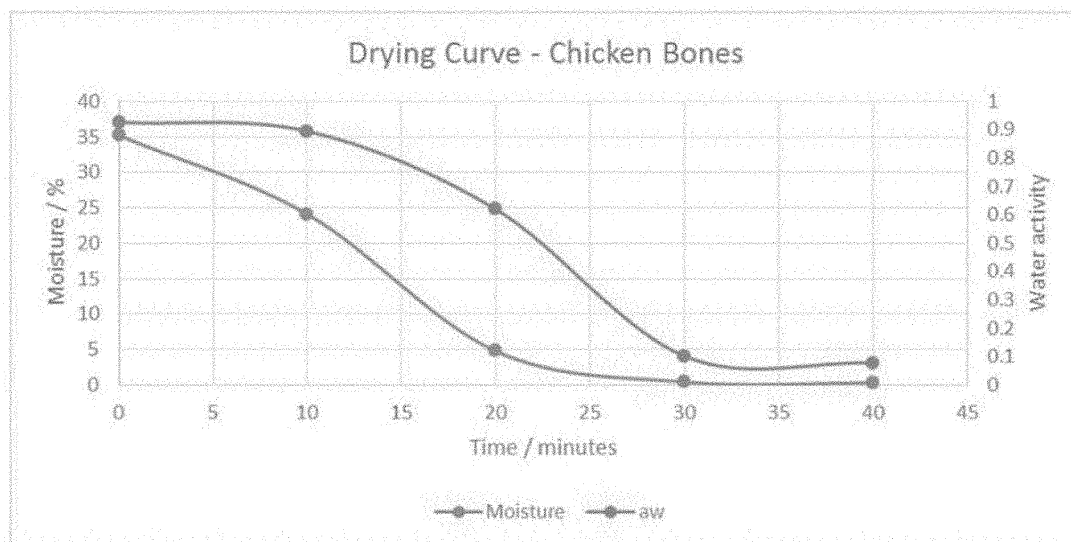
FU SHILEI

Family 46/100 - FAMPAT - ©Questel

Title

(EP3275806)

A concentrated food product and method for preparing same

Images**Publication numbers with kind code & date**

JP2019524117	A	2019-09-05	JP2019524117
EP3490909	A1	2019-06-05	EP3490909
US20190159492	A1	2019-05-30	US20190159492
MX2019001232	A	2019-05-15	MX2019001232
BR112019001719	A2	2019-05-07	BR112019001719
BR112019001719	A1	2019-02-05	BR112019001719
CA3032050	A1	2018-02-01	CA3032050
WO2018/020054	A1	2018-02-01	WO201820054
EP3275806	A1	2018-01-31	EP3275806

**Abstract**

(EP3275806)

The present invention relates to methods for preparing a powdered food product and powdered food products obtainable by the methods and provided with a porous membrane. There are also disclosed methods for preparing a food stock and food stocks obtainable by the methods, as well as methods for preparing a food broth, food broths obtainable by the methods, and a device for preparing such food broths. The methods and products obtainable by the methods find utility in the culinary field of preparing stocks and broths.

Inventors

DOVEY MARTIN CHARLES

PONQUETT RYAN TYSON

LUBBE FRANCOIS JACQUES

Latest standardized assignees - inventors removed

KERRY LUXEMBOURG

Abstract

(EP2463586)

The method involves designing a push-in cooked product holder (5) as a heated push-in cooked product holder for generating steam. The push-in cooked product holder is arranged in a cooking chamber (3) of a cooking device (1) and activated and filled with water (W). Another cooked product holder (6) i.e. non-heated cooked product holder, is positioned in the cooking chamber over the former cooked product holder. A supporting surface is allowed to support a grill for partially covering a shell-shaped water receiving region (7). Independent claims are also included for the following: (1) a push-in cooked product holder comprising a shell-shaped water receiving region (2) a cooking device for operating a heated push-in cooked product holder, comprising a temperature sensor.

(From EP2463586 A1)

Inventors

BALLY INGO

ZSCHAU GÜNTHER

DINKEL ALEXANDER

FUCHS WOLFGANG

LEITMEYER CLAUDIA

NAMBERGER ANGELIKA

REINDL MICHAEL

ROCH KLEMENS

SCHNELL WOLFGANG

SORG MATTHIAS

Latest standardized assignees - inventors removed

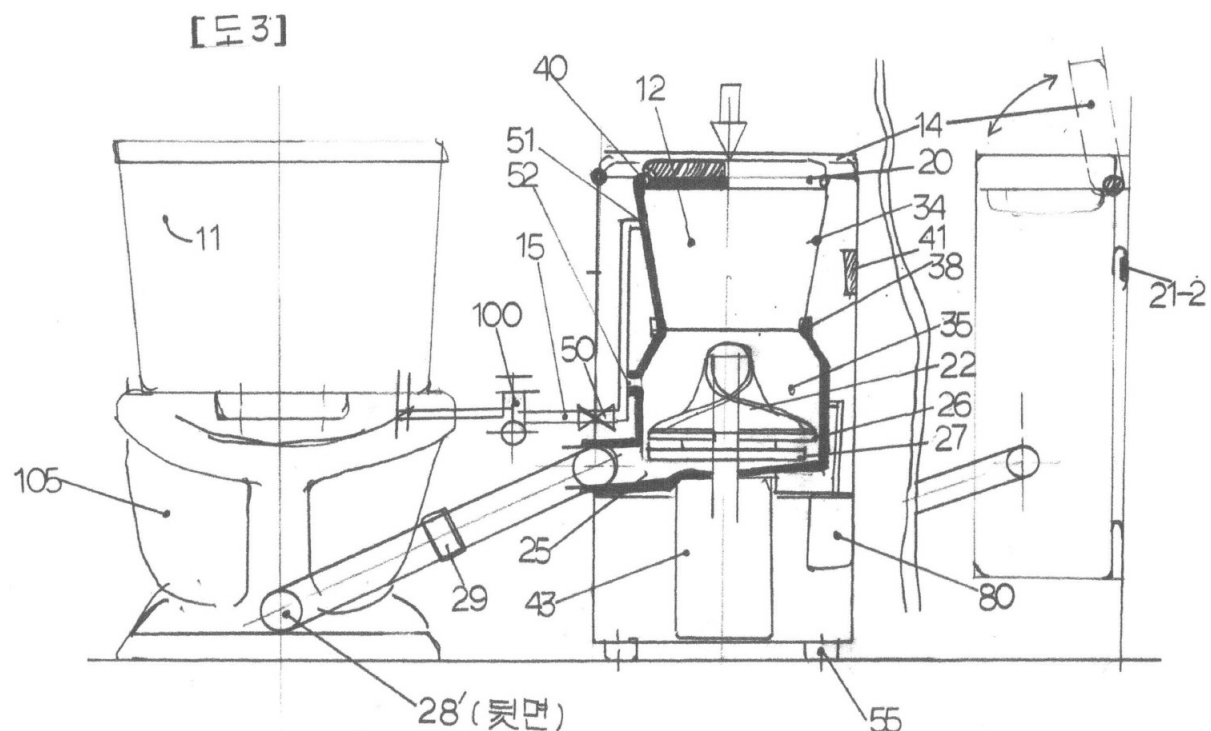
BSH HAUSGERÄTE

Family 48/100 - FAMPAT - ©Questel

Title

(KR20140001674U)

Removable toilet food processing apparatus. Wall hanging

Images**Publication numbers with kind code & date**

KR20140001674

U

2014-03-21

KR20140001674U



Abstract

(KR20140001674)

This invention relates to a **kitchen** sink band generated in the treatment of food waste in the toilet tank of the toilet can be related to the food processing apparatus in the toilet, the toilet in the bathroom wall generally in the form of a separate or connected to the toilet is composed of, connected to a garbage disposal in the toilet easily formed; water within the tank can be used in the water tank unit; food processing of the food processing unit can be: the food waste can be accommodated in the sump; food processing so as to be mixer; food processing so as to be able to be sent to the toilet in the toilet drain; separated from the front of the toilet in the form of a removable food processing installation can readily be seen: the wall hanging mounting portion mounted on a wall; drains connected to separate ones of the toilet. Characterized in that the wall hanging. [Index] toilet, a toilet, removable hang type food processor &, food processor, mixer unit, the connector having an opening in the toilet

Inventors

BAK HEUNG BOK

YUN SEANG HYUN

Family 49/100 - FAMPAT - ©Questel

Title

(WO2016183322)

Hydrophobic coating of particulates for enhanced well productivity

Images

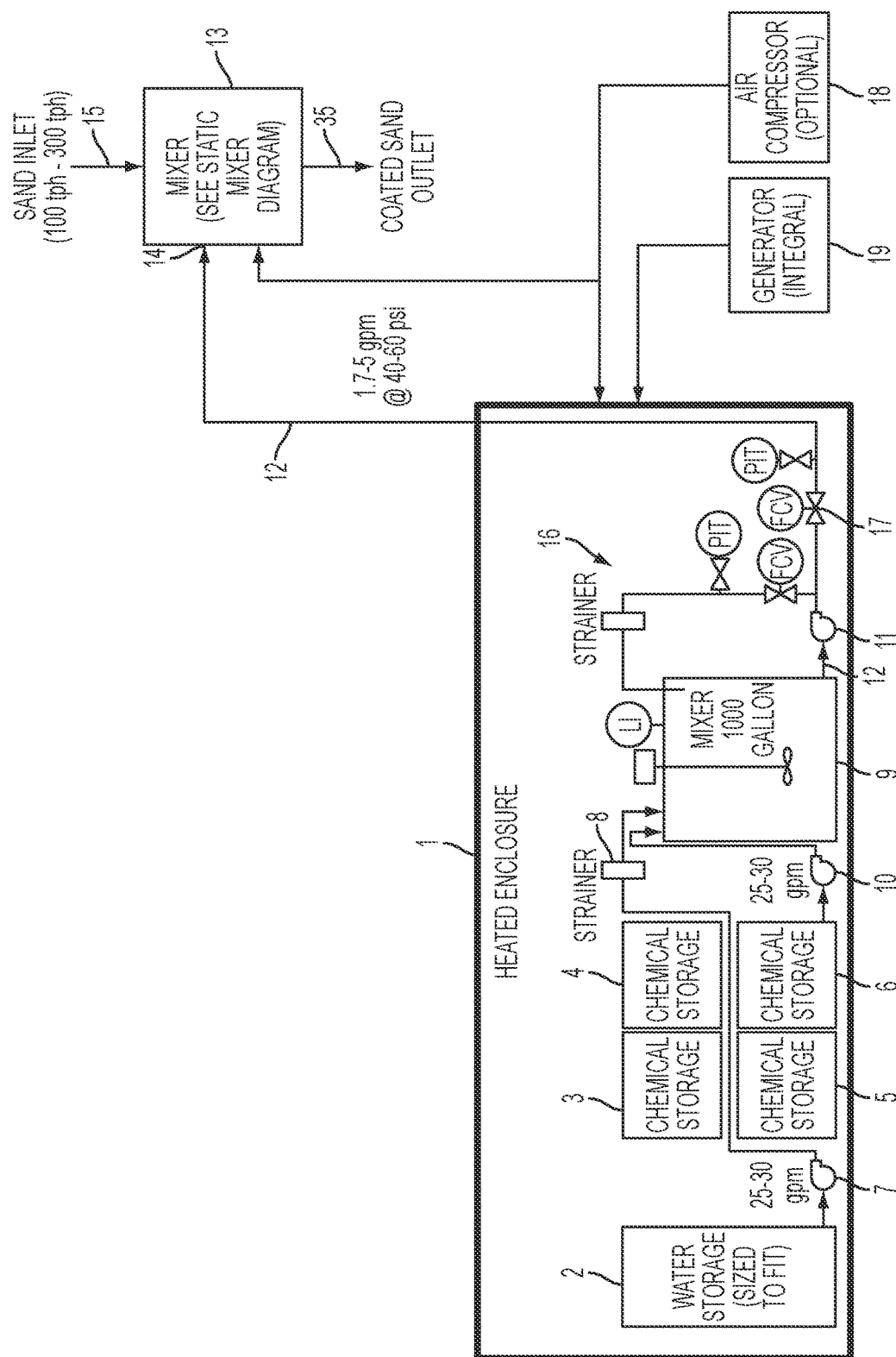


FIG. 1

Publication numbers with kind code & date

US20180340117	A1	2018-11-29	US20180340117
US20180119005	A1	2018-05-03	US20180119005
US9862881	B2	2018-01-09	US9862881
CA2985815	A1	2016-11-17	CA2985815
US20160333258	A1	2016-11-17	US20160333258
WO2016/183322	A1	2016-11-17	WO2016183322



Abstract

(WO2016/183322)

CN101743778	A	2010-06-16	CN101743778
EP2182774	A1	2010-05-05	EP2182774
KR20100031520	A	2010-03-22	KR20100031520
WO2009/011111	A1	2009-01-22	WO200911111

**Abstract**

(EP2182774)

A microwave heating apparatus includes a microwave generation part (5) having a plurality of output parts, a heating chamber (4) to contain an object to be heated, a plurality of feeding parts (21a, 21b, 21c, 21d) supplying outputs of the plurality of output parts to the heating chamber, and a control part (6) controlling microwave radiation from the plurality of feeding parts to control an electromagnetic wave distribution in the heating chamber, in which a microwave is concentrated on the object to be heated put in the heating chamber.

Inventors

MIHARA MAKOTO

NOBUE TOMOTAKA

YASUI KENJI

OOMORI YOSHIHARU

Latest standardized assignees - inventors removed

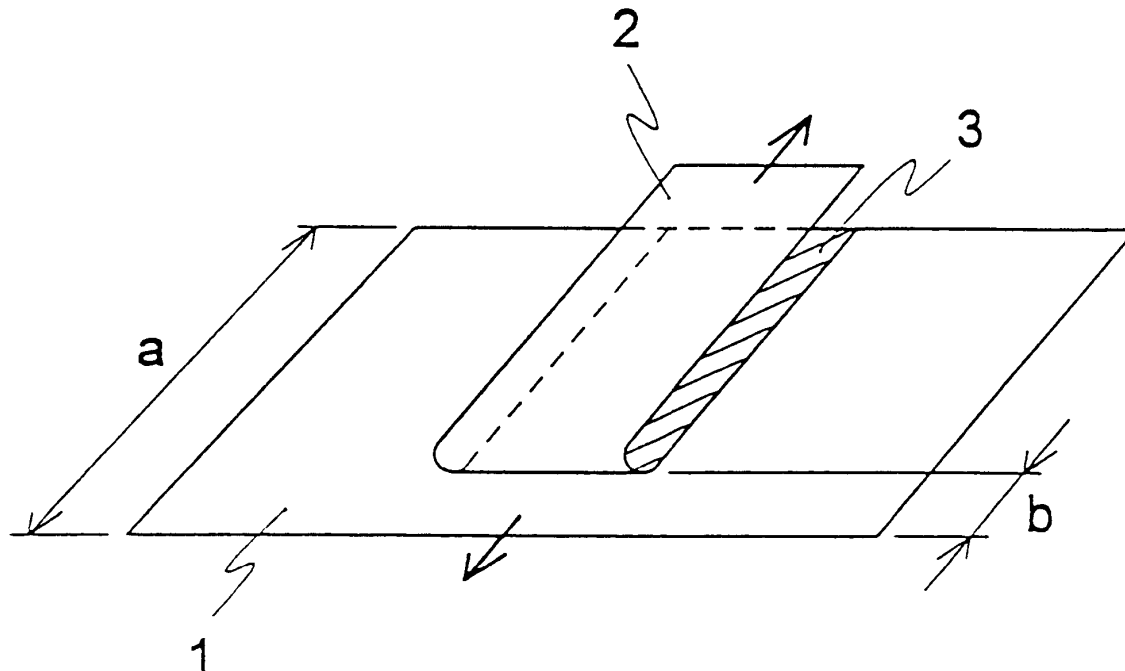
PANASONIC

Family 51/100 - FAMPAT - ©Questel

Title

(EP-909800)

Coating composition and coating film

Images**Publication numbers with kind code & date**

DE69730502	T2	2005-09-01	DE69730502
DE69730502	D1	2004-10-07	DE69730502
EP0909800	B1	2004-09-01	EP-909800
CN1105756	C	2003-04-16	CN1105756C
JP3389605	B2	2003-03-24	JP3389605
US6207236	B1	2001-03-27	US6207236



KR20000015989	A	2000-03-25	KR20000015989				
EP0909800	A4	1999-09-22	EP-909800				
CN1222178	A	1999-07-07	CN1222178				
EP0909800	A1	1999-04-21	EP-909800				
WO97/48774	A1	1997-12-24	WO9748774				

Abstract

(EP0909800)

To provide the water-repellent coating film having excellent transparency, abrasion resistance, weather resistance and water repellency, the method for producing the coating film, the multi-functional composite material provided with the coating film and the coating composition used therefor which has excellent dispersion stability. The coating composition comprises (A) the fluorine-containing ethylenic polymer prepared by copolymerizing a fluorine-containing ethylenic monomer having at least one functional group selected from hydroxyl, carboxyl, a carboxylic salt group, a carboxylic ester group and epoxy, (B-1) the metal oxide sol, and (C) the solvent.

Inventors

ARAKI TAKAYUKI

TANAKA YOSHITO

KUMEGAWA MASAHIRO

OKA NORITOSHI

SHIMIZU TETSUO

Latest standardized assignees - inventors removed

DAIKIN INDUSTRIES

Family 52/100 - FAMPAT - ©Questel

Title

(EP3285603)

Potato peeler

Images

[WO2016/168889](#)

A1 2016-10-27 WO2016168889

Abstract

(EP3285603)

A potato peeling accessory is adapted to work with a food processor or other means of rotating it. The accessory comprises a working surface on which are formed mechanical abrasion or peeling features.

Inventors

THOMAS MARK

ANTKOWIAK MARGARET

BARNARD PIERCE JAMES

MCCLEAN STEPHEN JOHN

Latest standardized assignees - inventors removed

BREVILLE

Family 53/100 - FAMPAT - ©Questel

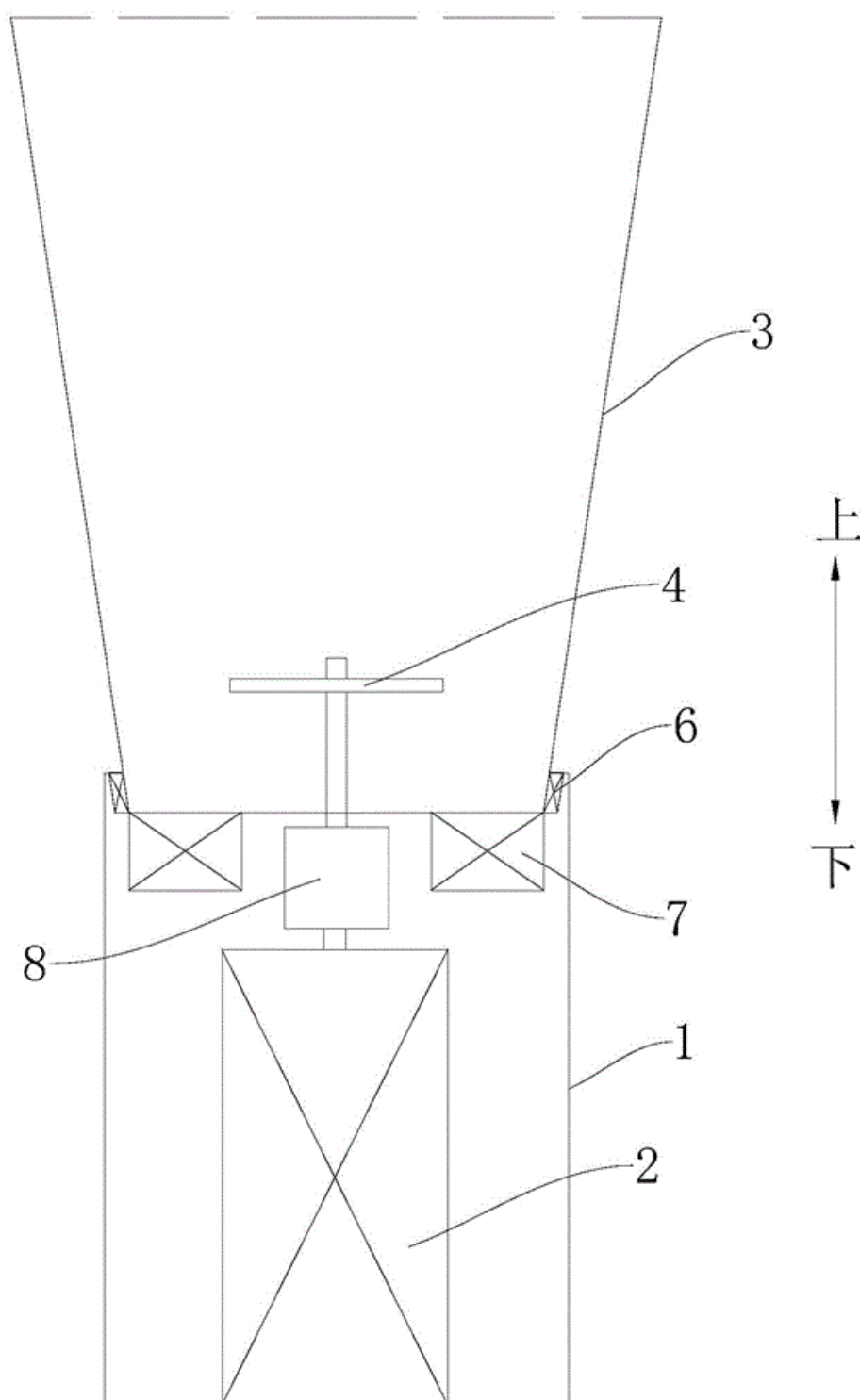
Title

(CN205391032U)

Food processor

Images

100

**Publication numbers with kind code & date**[CN205391032](#)

U

2016-07-27

CN205391032U

**Abstract**

(CN205391032)

The utility model discloses a food processor, food processor includes: frame, ladle body and controlling means wherein, are equipped with the motor in the frame, ladle body, ladle body are established on the frame, are equipped with the shredding member who passes that the ladle body diapire stretches out and link to each other with the motor in the ladle body, wherein, are equipped with the magnetic conduction coating on the wall of ladle body, and be equipped with on the frame with at least partly relative heating coil of magnetic conduction coating, controlling means respectively with the motor with heating coil links to each other. According to the utility model discloses a food processor is through setting up the

magnetic conduction coating on the ladle body wall to utilize heating coil to heat the ladle body through electromagnetic induction, from this, not only can improve the homogeneity that the ladle body was heated, improve the food taste, avoid sticking with paste at the end, can also put the ladle body and soak in water, wash or further disinfect, and the unnecessary anxious magnetic conduction coating of damaging on the ladle body.

Inventors

HAN HAN

CHEN WEIJIE

MA XIANGYANG

YU XIAOMING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

Family 54/100 - FAMPAT - ©Questel

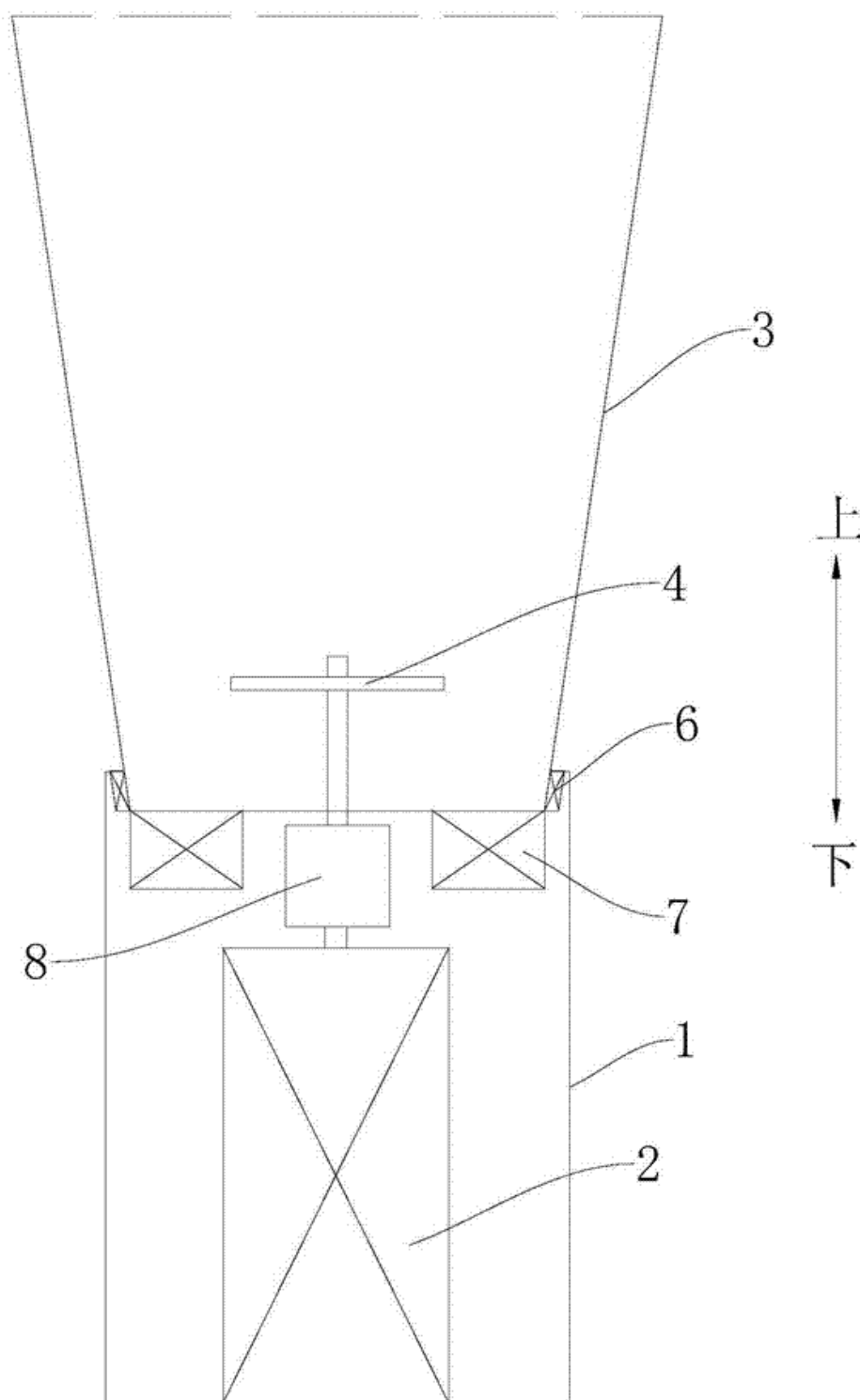
Title

(CN107080466)

Food processor

Images

100

**Publication numbers with kind code & date**[CN107080466](#)

A 2017-08-22 CN107080466

**Abstract**

(CN107080466)

The invention discloses a food processor which comprises a base and a barrel body, wherein a motor is arranged in the base; the barrel body is arranged on the base; a crushing component which penetrates through a bottom wall of the barrel body to stretch out and is connected with the motor is arranged in the barrel body; a magnetic conducting coating is arranged on a wall of the barrel body; a heating coil opposite to at least one part of the magnetic conducting coating is arranged on the base. According to the food processor, the magnetic conducting coating is arranged on a wall surface of the barrel body, and the barrel body is heated by electromagnetic induction by utilizing the heating coil, so that the heating

uniformity of the barrel body can be improved; a taste of food is improved; bottom sticking is avoided; the barrel body can be placed in water for soaking, cleaning or further disinfection; damage of the magnetic conducting coating on the barrel body is not worried.

Inventors

HAN HAN

CHEN WEIJIE

MA XIANGYANG

YU XIAOMING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

Family 55/100 - FAMPAT - ©Questel

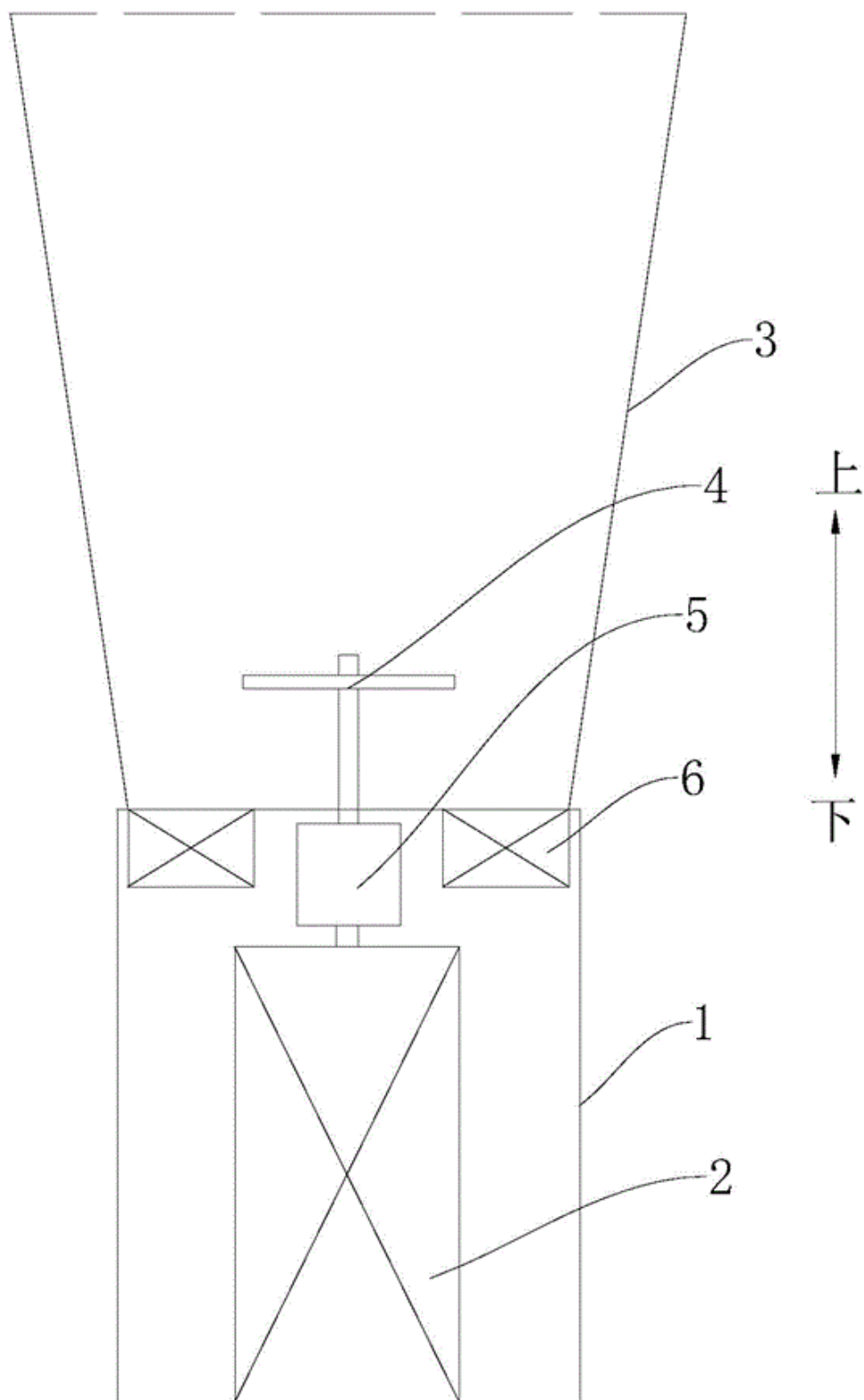
Title

(CN205391031U)

Food processor

Images

100

**Publication numbers with kind code & date**[CN205391031](#)

U 2016-07-27 CN205391031U

**Abstract**

(CN205391031)

The utility model discloses a food processor, food processor includes: frame, ladle body and controlling means wherein, are equipped with the motor in the frame, ladle body detachably establishes on the frame, is equipped with the shredding

member who passes the ladle body diapire in the ladle body, and shredding member passes through the coupling joint with the motor, wherein, is equipped with the heating element who is used for the ladle body heating on the frame, controlling means links to each other with motor and heating element respectively. According to the utility model discloses a food processor, through setting up heating element on the frame, and the ladle body can dismantle, and from this, after handling food, can put into the aquatic totally with the ladle body and soak, rinse, and unnecessary anxious damage heating element. In addition, the ladle body soaks the back, and it is easy to wash to can guarantee that the ladle body is clean, sanitary, brings good user experience for the consumer.

Inventors

HAN HAN

CHEN WEIJIE

MA XIANGYANG

YU XIAOMING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

Family 56/100 - FAMPAT - ©Questel

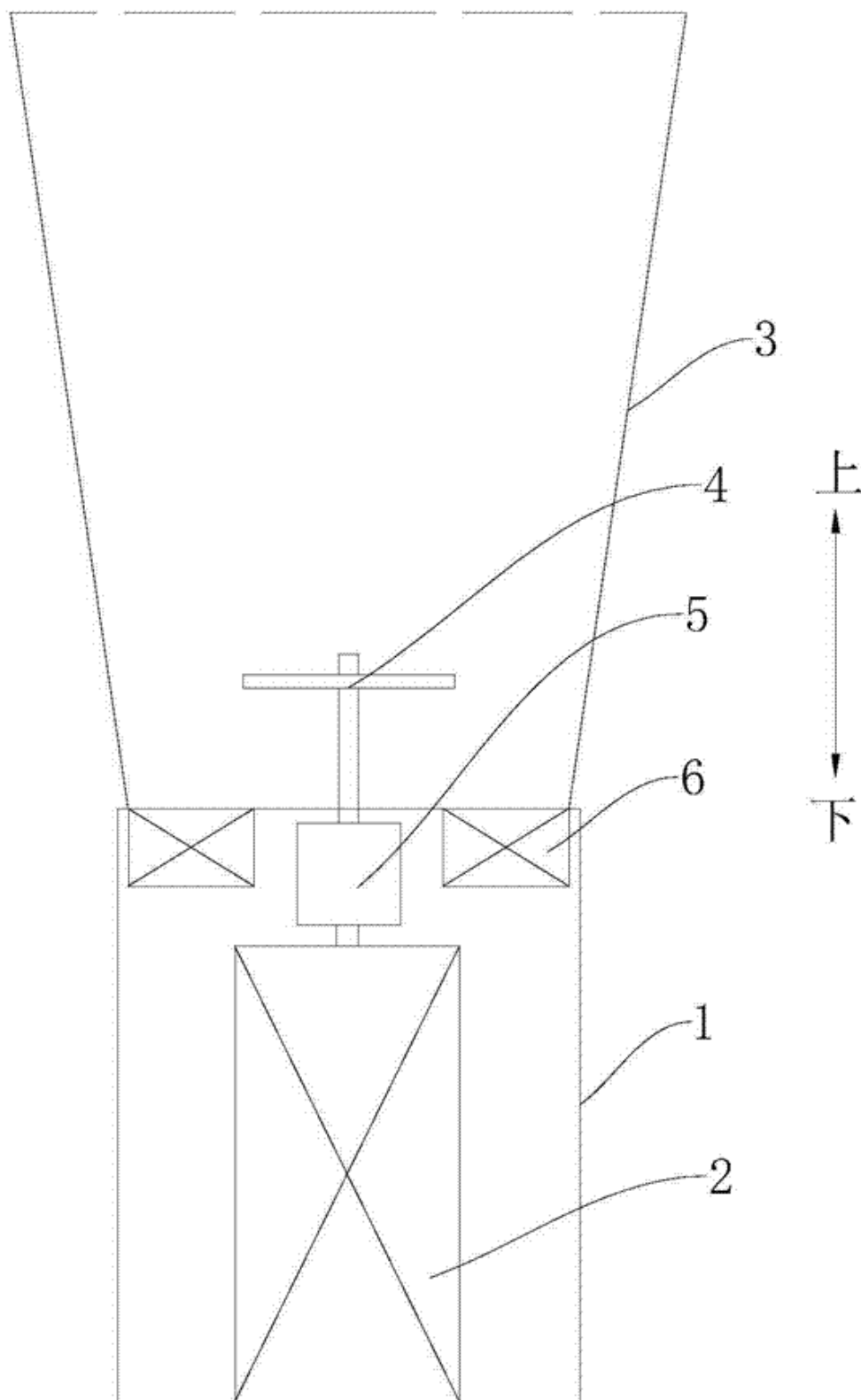
Title

(CN107080461)

Food processor

Images

100

**Publication numbers with kind code & date**[CN107080461](#)

A 2017-08-22 CN107080461

**Abstract**

(CN107080461)

The invention discloses a food processor which comprises a base and a barrel body, wherein a motor is arranged in the base; the barrel body is detachably arranged on the base; a crushing component which penetrates through a bottom wall of

the barrel body is arranged in the barrel body; the crushing component is connected with the motor by a coupler; a heating assembly used for heating the barrel body is arranged on the base. According to the food processor, the heating assembly is arranged on the base, and the barrel body is detachable, so that the barrel body can be completely placed in water for soaking and cleaning after food is processed; damage of the heating assembly is not worried. In addition, cleaning is easy after the barrel body is soaked, so that the cleanliness and the hygiene of the barrel body can be ensured; good user experience is brought to a consumer.

Inventors

HAN HAN

CHEN WEIJIE

MA XIANGYANG

YU XIAOMING

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

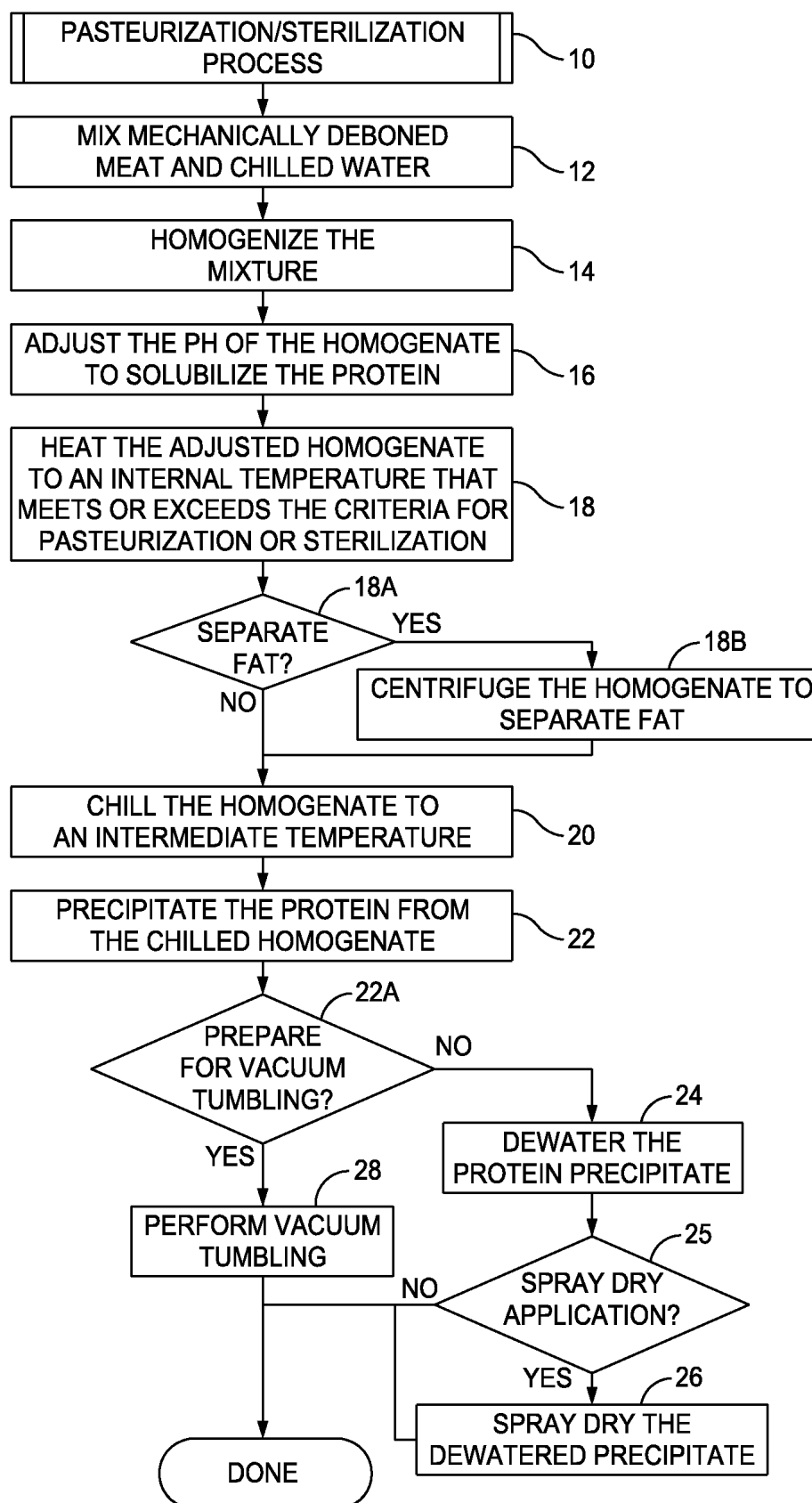
Family 57/100 - FAMPAT - ©Questel

Title

(EP3054780)

Functional protein derived from animal muscle tissue or mechanically deboned meat and method for making the same

Images



Publication numbers with kind code & date

RU2681289	C2	2019-03-05	RU2681289
AU2014331558	B2	2018-07-12	AU2014331558
RU2016116784	A3	2018-05-28	RU2016116784
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US20150099866	A1	2015-04-09	US20150099866				
WO2015/051353	A1	2015-04-09	WO201551353				

Abstract

(EP3054780)

A process for producing a protein product for addition to raw meat wherein the source of the protein product is animal muscle or mechanically deboned meat. The animal muscle tissue is mixed with water and homogenized. Protein in the homogenate is solubilized. Solubilized homogenate is heated to a temperature required for pasteurization and/or sterilization according to known standards. The homogenate is then adjusted to a value at which the protein precipitates. The precipitate is free of bacteria and toxins and can be used as meat or added to raw meat for delivery to a consumer as uncooked meat.

Inventors

KELLEHER STEPHEN D

FROST CAITLYN

FIELDING WILLIAM R

Latest standardized assignees - inventors removed

PROTEUS INDUSTRIES

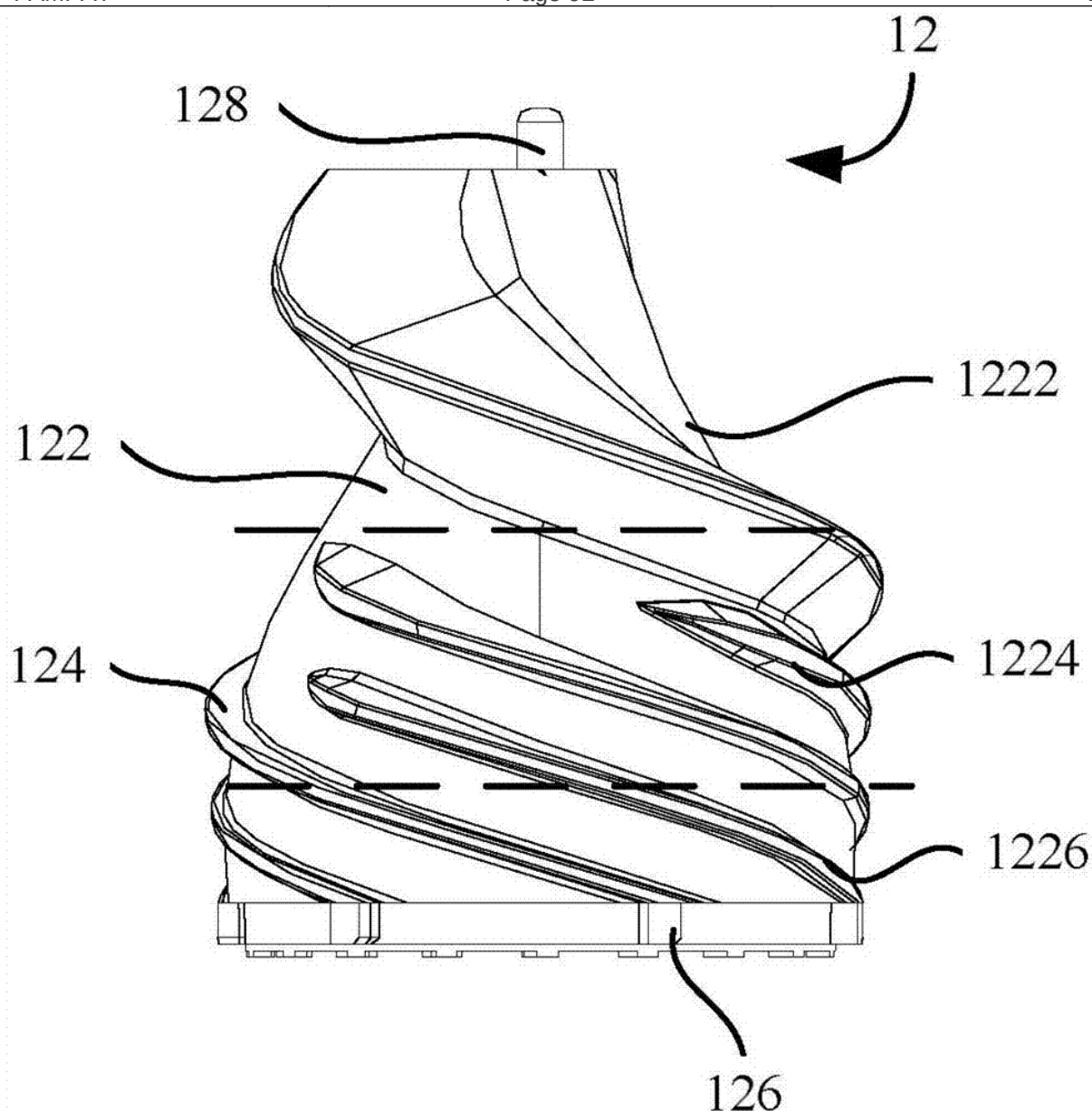
Family 58/100 - FAMPAT - ©Questel

Title

(CN108113440)

Spiral head, crushing barrel and food processor

Images

**Publication numbers with kind code & date**

CN108113440

A 2018-06-05 CN108113440

**Abstract**

(CN108113440)

The invention provides a spiral head, a crushing barrel and a food processor. The spiral head comprises a spiral head body and a plurality of spiral ribs, and the spiral head body comprises a feeding zone for feeding, a crushing zone connected with the feeding zone and a discharge zone connected with the crushing zone; the spiral ribs are arranged at intervals on the crushing zone of the spiral head body in the axial direction of the spiral head body, and the axial spacing is reduced from one end, close to the feeding zone, of the spiral head body to the other end of the spiral head body. According to the spiral head, the axial spacing is reduced from one end, close to the feeding zone, of the spiral head body to the other end of the spiral head body, so that the passage formed between the spiral ribs and used for the flow of food materials becomes smaller and smaller to ensure the squeezing intensity of the lower end of the spiral head body to the food materials, and the rolling effect on the food materials is ensured to ensure juice yield.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

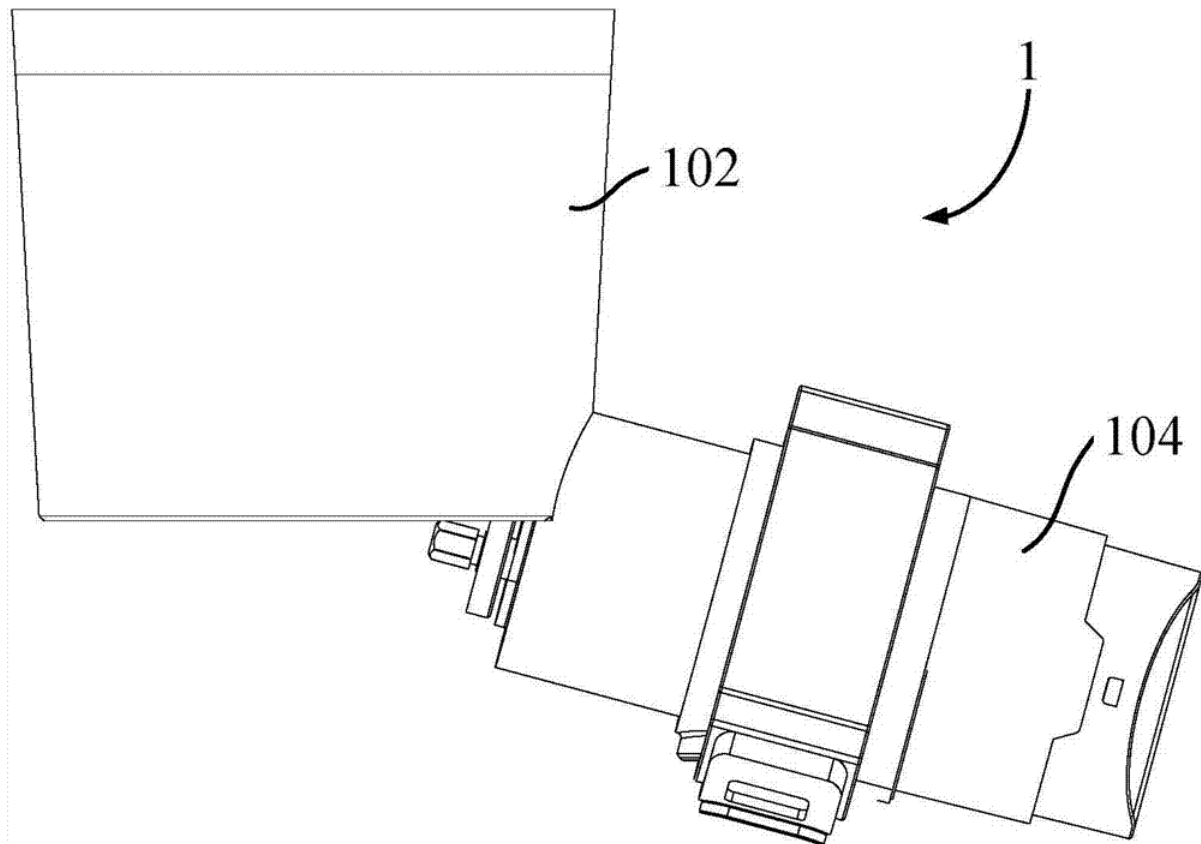
MIDEA

Family 59/100 - FAMPAT - ©Questel

Title

(CN206612528U)

Barrel body component and food processor

Images**Publication numbers with kind code & date**[CN206612528](#) U 2017-11-07 CN206612528U**Abstract**

(CN206612528)

The utility model provides a barrel body component and food processor, barrel body component includes: smash tub shell, be provided with the reducing mechanism that is used for smashing the food material in the crushing tub shell, the squeezing barrel shell is connected to and smashes tub shell to switching on with crushing tub shell, being provided with the extrusion device in the extrusion tub shell, the extrusion device is used for the edible material after the extrusion is smashed, so that eat the separating juice and slag of material, wherein, the squeezing barrel shell extends to keeping away from the direction of smashing tub shell to keeping away from the one end slope of smashing tub shell from being connected to the one end of smashing tub shell. The utility model provides a barrel body component, the slope of squeezing barrel shell sets up downwards to entering into the interior edible material of squeezing barrel shell and except the extrusion force by the extrusion device flows out, can also relying on the gravity of edible material to flow out, therefore can accelerate the flow rate of food material on the one hand, in order to improve a juice speed, on the other hand can also fully push eating the material, in order to improve a juice rate.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

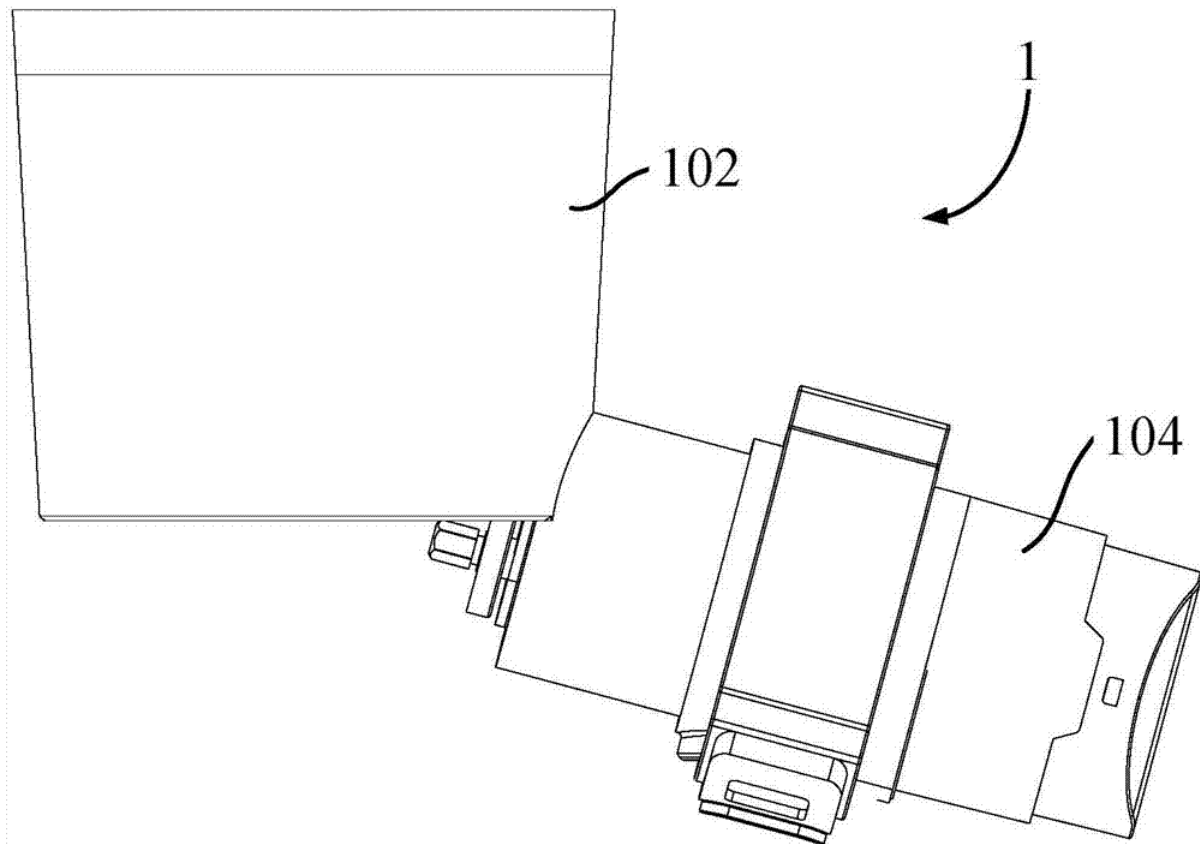
MIDEA

Family 60/100 - FAMPAT - ©Questel

Title

(CN108113441)

Bucket body assembly and food processor

Images**Publication numbers with kind code & date**[CN108113441](#) A 2018-06-05 CN108113441**Abstract**

(CN108113441)

The invention provides a bucket body assembly. The bucket body assembly comprises a smashing bucket shell and a squeezing bucket shell, wherein a smashing device for smashing foods is arranged in the smashing bucket shell, the squeezing bucket shell is connected to the smashing bucket shell and in breakover with the smashing bucket shell, a squeezing device is arranged in the squeezing bucket shell, the squeezing device is used to squeeze the smashed food materials to separate the juice and residue of the food materials, and the inner side wall of the squeezing bucket shell is provided with a squeezing rib; the squeezing bucket shell tilts from one end connected to the smashing bucket shell to one end away from the smashing bucket shell and extends to the direction away from the smashing bucket shell. According to the bucket body assembly, the squeezing bucket shell is arranged tilting downward, thereby the food materials entering the squeezing bucket shell flow out through the gravity of the food materials, in addition to depending on the squeezing force of the squeezing device, thus on one hand, the flow speed rate of the food materials can be quickened to increase the juice outspeed, on the other hand, the food materials can be fully squeezed to improve the juice out rate.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

Family 61/100 - FAMPAT - ©Questel

Title

(WO201814236)

Intelligent restaurant food waste collecting and processing machine

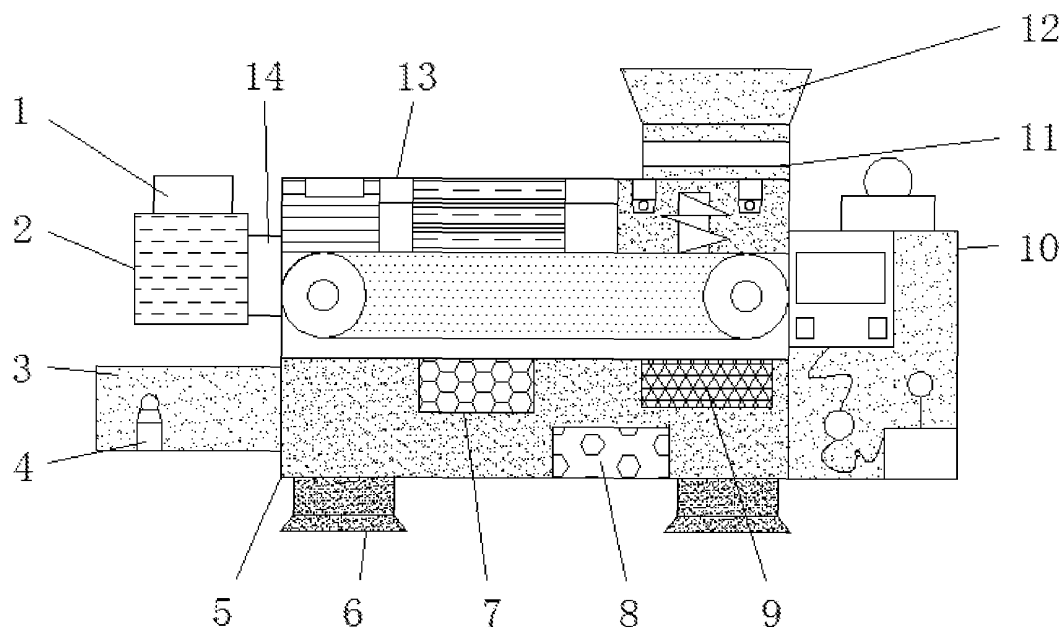
Images

图 1

Publication numbers with kind code & date

WO2018/014236

A1 2018-01-25 WO201814236

**Abstract**

(WO2018/014236)

An intelligent food waste collecting and processing machine, comprising a housing (5), a control box (10), and an operation main body (13). The operation main body (13) is mounted at an upper end of the housing (5). A drying and dewatering chamber (15) is mounted within the operation main body (13). A sterilization device (21) is mounted within the drying and dewatering chamber (15). An oil-water separation chamber (20) is mounted on the right side of the drying and dewatering chamber (15). A pulverizing chamber (18) is mounted on the right side of the oil-water separation chamber (20). A pulverizing cutter (17) is mounted within the pulverizing chamber (18). A water spraying nozzle (19) is provided above the pulverizing cutter (17). A transport device (16) is mounted at a lower end of the pulverizing chamber (18). A feed funnel (12) is mounted at an upper right end of the operation main body (13). An electromagnetic vibrator (11) is mounted within the feed funnel (12). A uniform feeder (14) is mounted at an upper left end of the operation main body (13). The control box (10) is mounted at a right end of the operation main body (13). A control display screen (25) is mounted within the control box (10). The intelligent restaurant food waste collecting and processing machine of the present invention has the features of operational stability and intelligent control, and improves the efficiency of waste collection and processing.

Inventors

LE GUOQIANG

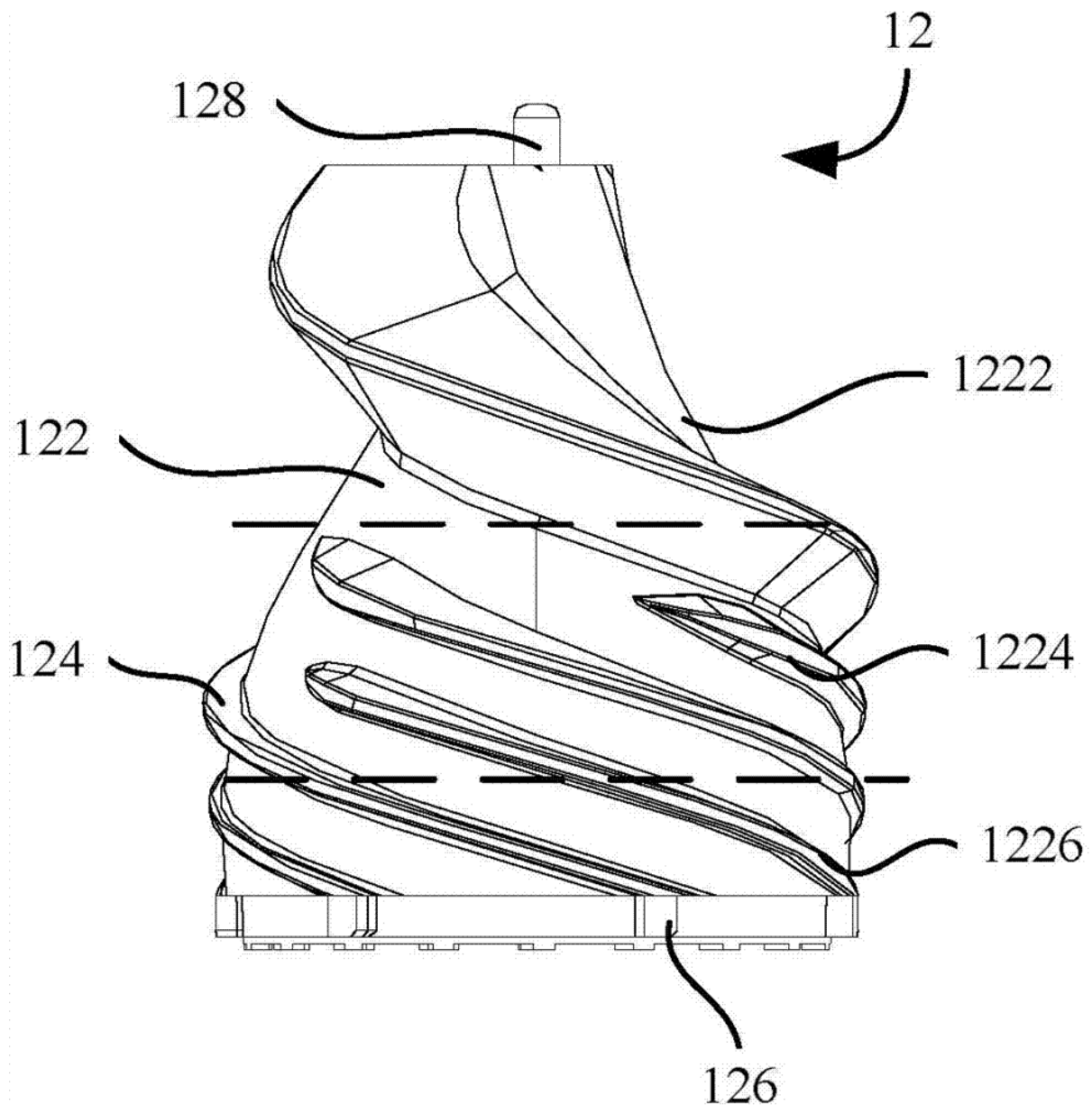
Family 62/100 - FAMPAT - ©Questel

Title

(CN206761314U)

Spiral head, crushing bucket and food processor

Images



Publication numbers with kind code & date

CN206761314

U 2017-12-19 CN206761314U



Abstract

(CN206761314)

The utility model provides a spiral head, crushing bucket and food processor, spiral head include the spiral head body, its include the intake zone with, pulverize the district and arrange the material district, a plurality of spiral muscle, along the axial interval of spiral head body set up the spiral head body pulverize the district on, and the axial interval between a plurality of spiral muscle reduces from the other end that the spiral head body is close to one end to the spiral head body of intake zone, and the radial width of the spiral muscle on the intake zone is greater than the radial width of the spiral muscle that pulverizes in the district. Axial interval between a plurality of spiral muscle of this technical scheme reduces from the other end that the spiral head body is close to one end to the spiral head body of intake zone, therefore to eat the passageway that the material flows just also more and more littleer being used for of forming between the spiral muscle to can guarantee the lower terminal pair of spiral head body and eat the crowded press strength of material, and then can grind more garrulous and more garrulous with eating the material, to eating rolling step by step of material, and then can guarantee to eat the effect that rolls of material in order to realize the spiral head body, in order to guarantee a juice rate.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

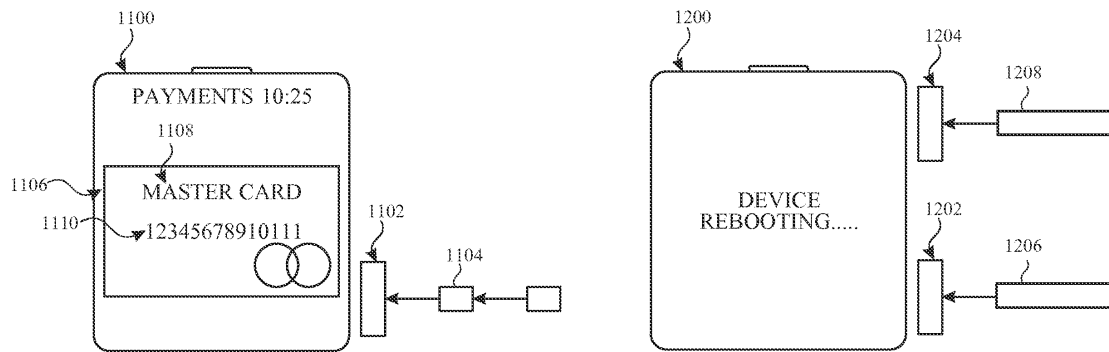
MIDEA

Family 63/100 - FAMPAT - ©Questel

Title

(EP2526511)

Intelligent automated assistant

Images**Publication numbers with kind code & date**

IN201948016386	A	2019-10-18	IN201948016386
RU2018112505	A	2019-10-10	RU2018112505
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US10276170	B2	2019-04-30	US10276170
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CA2793743	A1	2011-07-21	CA2793743				
CA2954559	A1	2011-07-21	CA2954559				
CA3000109	A1	2011-07-21	CA3000109				
WO2011/088053	A2	2011-07-21	WO201188053				

Abstract

(EP2526511)

An intelligent automated assistant system engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like, or any combination thereof. In one embodiment, the system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

Inventors

GRUBER THOMAS ROBERT

CHEYER ADAM JOHN

GUZZONI DIDIER RENE

CHEN HARRY

Latest standardized assignees - inventors removed

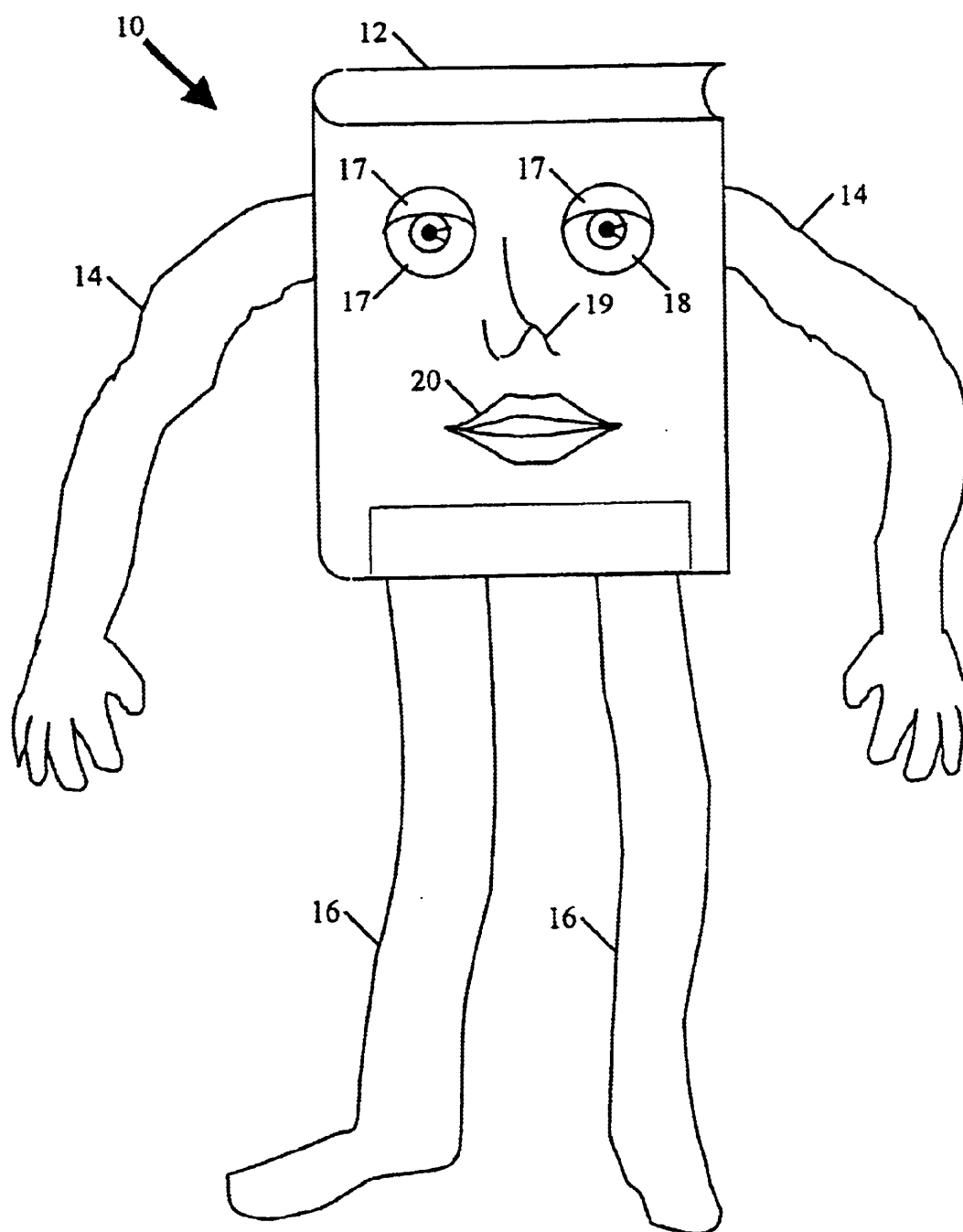
APPLE

Family 64/100 - FAMPAT - ©Questel

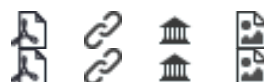
Title

(EP-991453)

Interactive toy

Images**Publication numbers with kind code & date**[JP3936749](#)

B2 2007-03-30 JP3936749



US6959166	B1	2005-10-25	US6959166
JP2002505614	A	2002-02-19	JP2002505614
IL133527	A	2001-04-30	IL-133527
CN1272800	A	2000-11-08	CN1272800
EP0991453	A1	2000-04-12	EP-991453
AU3343199	A	1999-11-08	AU9933431
CA2296119	A1	1999-10-28	CA2296119
WO99/54015	A1	1999-10-28	WO9954015

**Abstract**

(EP0991453)

An interactive toy apparatus including a toy (10) having a fanciful physical appearance (17, 18, 19, 20), a speaker (58) mounted on the toy (10), a user input receiver (28), a user information storage unit (74) storing information relating to at least one user, a content controller (82) operative in response to current user inputs received via the user input receiver (28) and to information stored in the storage unit (74) for providing audio content to the user via the speaker (58).

Inventors

GABAY OZ

GABAY JACOB

SANDLERMAN NIMROD

Latest standardized assignees - inventors removed

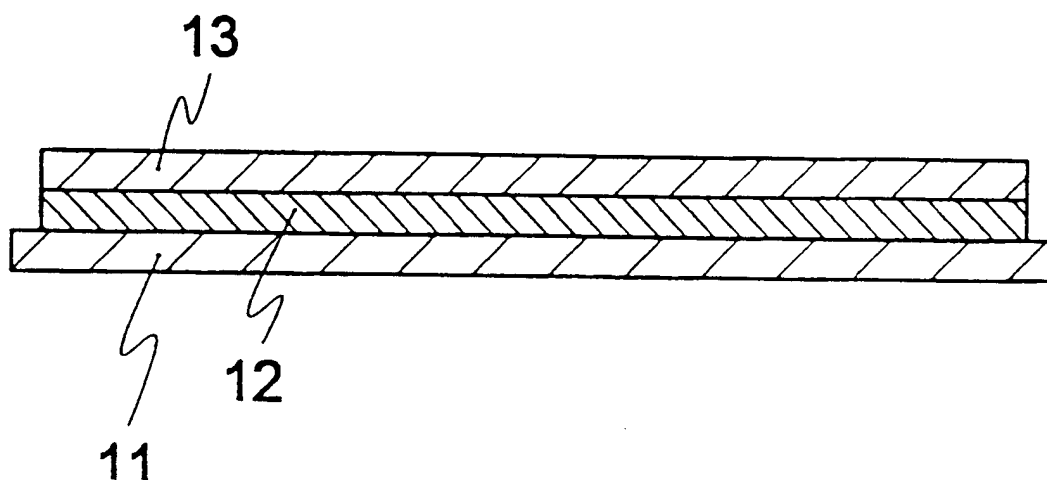
HASBRO

Family 65/100 - FAMPAT - ©Questel

Title

(EP-980665)

Use of composite materials for cookware

Images**Publication numbers with kind code & date**

JP3903487	B2	2007-01-19	JP3903487
CN1245919	C	2006-03-22	CN1245919C
KR100490766	B1	2005-05-19	KR100490766
DE69818249	T2	2004-07-01	DE69818249
US6737164	B2	2004-05-18	US6737164
DE69818249	D1	2003-10-23	DE69818249
EP0980665	B1	2003-09-17	EP-980665
US20030049454	A1	2003-03-13	US20030049454
KR20000075852	A	2000-12-26	KR20000075852



EP0980665	A4	2000-06-14	EP-980665
CN1249670	A	2000-04-05	CN1249670
EP0980665	A1	2000-02-23	EP-980665
WO98/38897	A1	1998-09-11	WO9838897



Abstract

(EP0980665)

Composite materials for cooking apparatuses which are produced by applying, to a substrate, a material comprising a fluorine-containing polymer having an excellent adhesive property to the substrate without necessitating complicated steps and are excellent in heat resistance, non-sticking property, stain-proofing property, water-and oil-repelling property, stain-removing property, chemical resistance, rust-preventing property, antibacterial property, resistance to energy ray and abrasion resistance. The composite materials for cooking apparatuses are produced by applying, to the substrate, the material comprising a fluorine-containing ethylenic polymer having functional group which is prepared by copolymerizing (a) 0.05 to 30 % by mole of at least one of fluorine-containing ethylenic monomers having at least one functional group selected from the group consisting of hydroxyl, carboxyl, a carboxylic salt group, a carboxylic ester group and epoxy, and (b) 70 to 99.95 % by mole of at least one of fluorine-containing ethylenic monomers having no functional group mentioned above.

Inventors

ARAKI TAKAYUKI
TANAKA YOSHITO
KUMEGAWA MASAHIRO
OKA NORITOSHI
SANEMASA HISATO
SHIMIZU TETSUO

Latest standardized assignees - inventors removed

DAIKIN INDUSTRIES

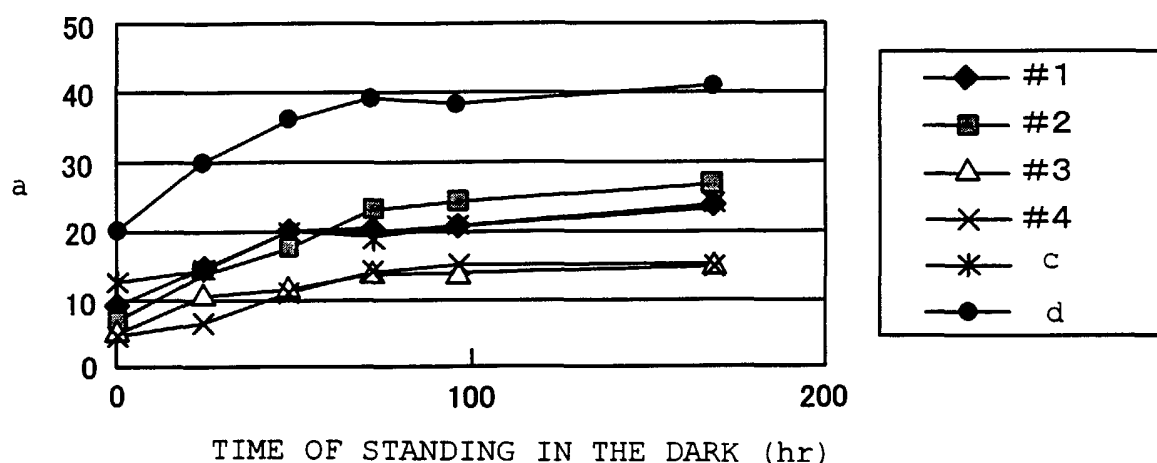
Family 66/100 - FAMPAT - ©Questel

Title

(WO200121722)

Photocatalytic hydrophilic coating material

Images



a...CONTACT ANGLE WITH WATER (DEGREE)

c...COMPARATIVE EXAMPLE 1

d...COMPARATIVE EXAMPLE 2

Publication numbers with kind code & date

[AU7318800](#)



	A	2001-04-24	AU200073188
JP2001089706	A	2001-04-03	JP2001089706
WO01/21722	A1	2001-03-29	WO200121722

**Abstract**

(WO01/21722)

A photocatalytic hydrophilic coating material which can be easily applied in situ to a surface of a member to impart a high degree of hydrophilicity while attaining high transparency and which maintains the hydrophilicity. The coating material comprises water, a photocatalytic metal oxide (A), an alkyl silicate (B), and an alkali silicate (C). The proportion of the ingredient (A) to the ingredient (B) on a solid basis is that the TiO₂/SiO₂ ratio is from 2/8 to 8/2. The content of the alkali silicate is 10 to 40 wt.% based on all the solid ingredients.

Inventors

YAMAMOTO MASAHIRO

TAKASHIO MINORU

KUBOZONO SHIGERU

HIRAOKA JUNJI

HIRANO KAZUO

HORIMOTO MIKIO

Latest standardized assignees - inventors removed

TOTO

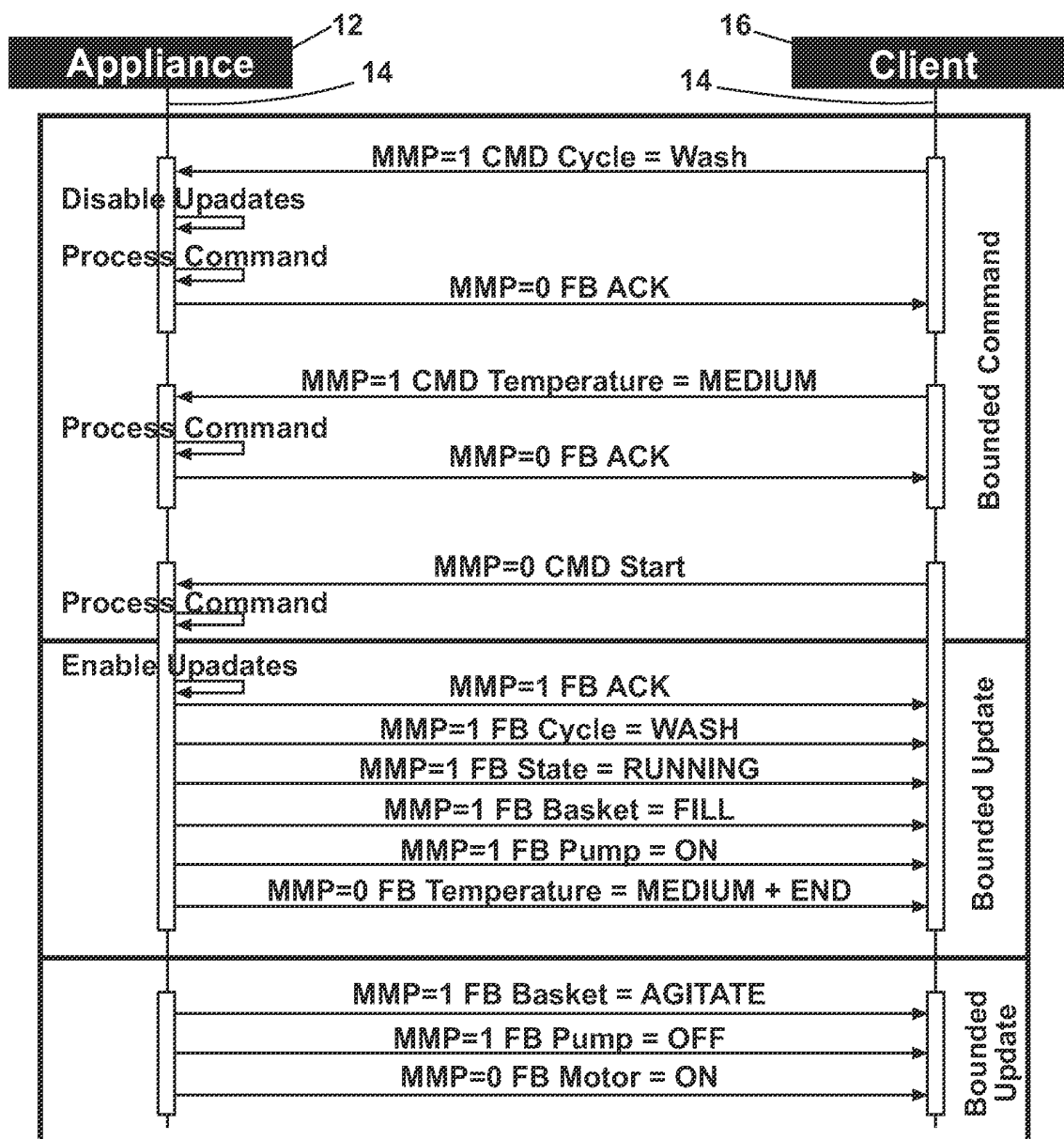
Family 67/100 - FAMPAT - ©Questel

Title

(EP1889160)

Software architecture system and method for communication with, and management of, at least one component within a household appliance

Images



Publication numbers with kind code & date

BRPI0818469	A2	2019-09-10	BR200818469
BRPI0818309	A2	2018-07-17	BR200818309
EP2235631	A4	2017-06-28	EP2235631
EP2228969	B1	2017-04-19	EP2228969
EP2247067	B1	2016-05-11	EP2247067
US9277188	B2	2016-03-01	US9277188
US20160028556	A1	2016-01-28	US20160028556
BRPI0818274	A2	2015-04-14	BR200818274
BRPI0818275	A2	2015-04-14	BR200818275
BRPI0818276	A2	2015-04-14	BR200818276
BRPI0818278	A2	2015-04-14	BR200818278
BRPI0818468	A2	2015-04-14	BR200818468
EP2208307	A4	2014-07-09	EP2208307
EP2213053	A4	2014-07-09	EP2213053
EP2213039	A4	2014-06-25	EP2213039
EP2213041	A4	2014-06-25	EP2213041
EP2213047	A4	2014-06-25	EP2213047



EP2220898	A4	2014-04-16	EP2220898				
US20130235197	A1	2013-09-12	US20130235197				
EP2220600	A4	2013-07-31	EP2220600				
US8477007	B2	2013-07-02	US8477007				
EP2223467	A4	2013-05-22	EP2223467				
US8442042	B2	2013-05-14	US8442042				
US8395476	B2	2013-03-12	US8395476				
US8314678	B2	2012-11-20	US8314678				
US8264318	B2	2012-09-11	US8264318				
EP2208308	A4	2012-05-30	EP2208308				
BRPI0621758	A2	2011-12-20	BR200621758				
BRPI0704642	A2	2011-12-13	BR200704642				
BRPI0819150	A2	2011-08-23	BR200819150				
BRPI0622273	A2	2011-08-09	BR200622273				
BRPI0622274	A2	2011-08-09	BR200622274				
US7912559	B2	2011-03-22	US7912559				
US20100287059	A1	2010-11-11	US20100287059				
BRPI0611726	A2	2010-11-09	BR200611726				
EP2247067	A1	2010-11-03	EP2247067				
EP2244443	A1	2010-10-27	EP2244443				
EP2235631	A2	2010-10-06	EP2235631				
EP2228969	A1	2010-09-15	EP2228969				
EP2223467	A2	2010-09-01	EP2223467				
EP2220600	A2	2010-08-25	EP2220600				
EP2220898	A2	2010-08-25	EP2220898				
EP2213039	A1	2010-08-04	EP2213039				
EP2213041	A2	2010-08-04	EP2213041				
EP2213047	A2	2010-08-04	EP2213047				
EP2213053	A2	2010-08-04	EP2213053				
EP2208307	A1	2010-07-21	EP2208307				
EP2208308	A2	2010-07-21	EP2208308				
EP2027544	A4	2010-07-07	EP2027544				
US20100087932	A1	2010-04-08	US20100087932				
WO2009/058774	A9	2009-09-11	WO200958774				
WO2009/075995	A3	2009-08-27	WO200975995				
WO2009/076000	A3	2009-08-27	WO200976000				
WO2009/076092	A3	2009-08-27	WO200976092				
WO2009/076351	A3	2009-08-13	WO200976351				
WO2009/076047	A3	2009-08-06	WO200976047				
CN101501683	A	2009-08-05	CN101501683				
WO2009/058774	A3	2009-07-16	WO200958774				
WO2009/058940	A3	2009-07-02	WO200958940				
WO2009/058770	A3	2009-06-18	WO200958770				
WO2009/058918	A3	2009-06-18	WO200958918				
WO2009/059080	A3	2009-06-18	WO200959080				
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WO2009/059136	A3	2009-06-18	WO200959136				
WO2009/075995	A2	2009-06-18	WO200975995				

WO2009/076000	A2	2009-06-18	WO200976000				
WO2009/076047	A2	2009-06-18	WO200976047				
WO2009/076092	A2	2009-06-18	WO200976092				
WO2009/076351	A2	2009-06-18	WO200976351				
WO2009/058770	A2	2009-05-07	WO200958770				
WO2009/058772	A1	2009-05-07	WO200958772				
WO2009/058774	A2	2009-05-07	WO200958774				
WO2009/058917	A1	2009-05-07	WO200958917				
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WO2009/059080	A2	2009-05-07	WO200959080				
WO2009/059135	A2	2009-05-07	WO200959135				
WO2009/059136	A2	2009-05-07	WO200959136				
EP2027544	A2	2009-02-25	EP2027544				
MX2007016580	A	2009-02-23	MX2007016580				
US20090045926	A1	2009-02-19	US20090045926				
US20090046715	A1	2009-02-19	US20090046715				
MX2008015676	A	2009-02-12	MX2008015676				
US20090040012	A1	2009-02-12	US20090040012				
US20090040013	A1	2009-02-12	US20090040013				
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US20090044137	A1	2009-02-12	US20090044137				
BRPI0611640	A1	2009-01-13	BRPI0611640				
BRPI0611640	A2	2009-01-13	BR200611640				
CN101305350	A	2008-11-12	CN101305350				
BRPI0704642	A	2008-08-19	BR200704642				
CN101228741	A	2008-07-23	CN101228741				
IN1669/KOL/2007	A	2008-07-18	IN2007KO01669				
EP1944728	A1	2008-07-16	EP1944728				
CN101211525	A	2008-07-02	CN101211525				
CA2615290	A1	2008-06-29	CA2615290				
IN4628/KOLNP/2007	A	2008-06-27	IN2007KN04628				
WO2006/135726	A8	2008-05-02	WO2006135726				
IN4630/KOLNP/2007	A	2008-03-28	IN2007KN04630				
MX2007015681	A	2008-02-21	MX2007015681				
EP1889160	A2	2008-02-20	EP1889160				
EP1889405	A1	2008-02-20	EP1889405				
BRPI0704642	A1	2008-01-22	BR200704642				
WO2006/135771	A3	2007-11-15	WO2006135771				
CA2611014	A1	2006-12-21	CA2611014				
CA2611527	A1	2006-12-21	CA2611527				
CA2651012	A1	2006-12-21	CA2651012				
WO2006/135726	A2	2006-12-21	WO2006135726				
WO2006/135758	A1	2006-12-21	WO2006135758				
WO2006/135771	A2	2006-12-21	WO2006135771				

Abstract

(EP1889160)

The invention relates to a software architecture that is implemented on and communicates over an internal communications network on an appliance, which connects the various physical components of the appliance. The software architecture performs multiple functions: identifying each of the components corresponding to a network node; identifying the capabilities of the components; identifying the status of the components; providing well defined command interfaces; and providing communication between internal and external software components. In this way, the SA functions to inform all of the nodes on the network of the presence, capabilities, and status of the other nodes.

Inventors

MCCOY RICHARD A

EBROM MATTHEW P

FELDBRUEGGE ROBERT J

GLOTZBACH PATRICK J

KNEZIC TIMOTHY M

PUTNAM DANIEL M

CARROLL JOSHUA P

KICKLIGHTER JUDITH G

GROSSE ALEXANDER S

KMET DAVID J

WHIPPLE ANDREW D

GLOTZBACH MARK E

Latest standardized assignees - inventors removed

WHIRLPOOL

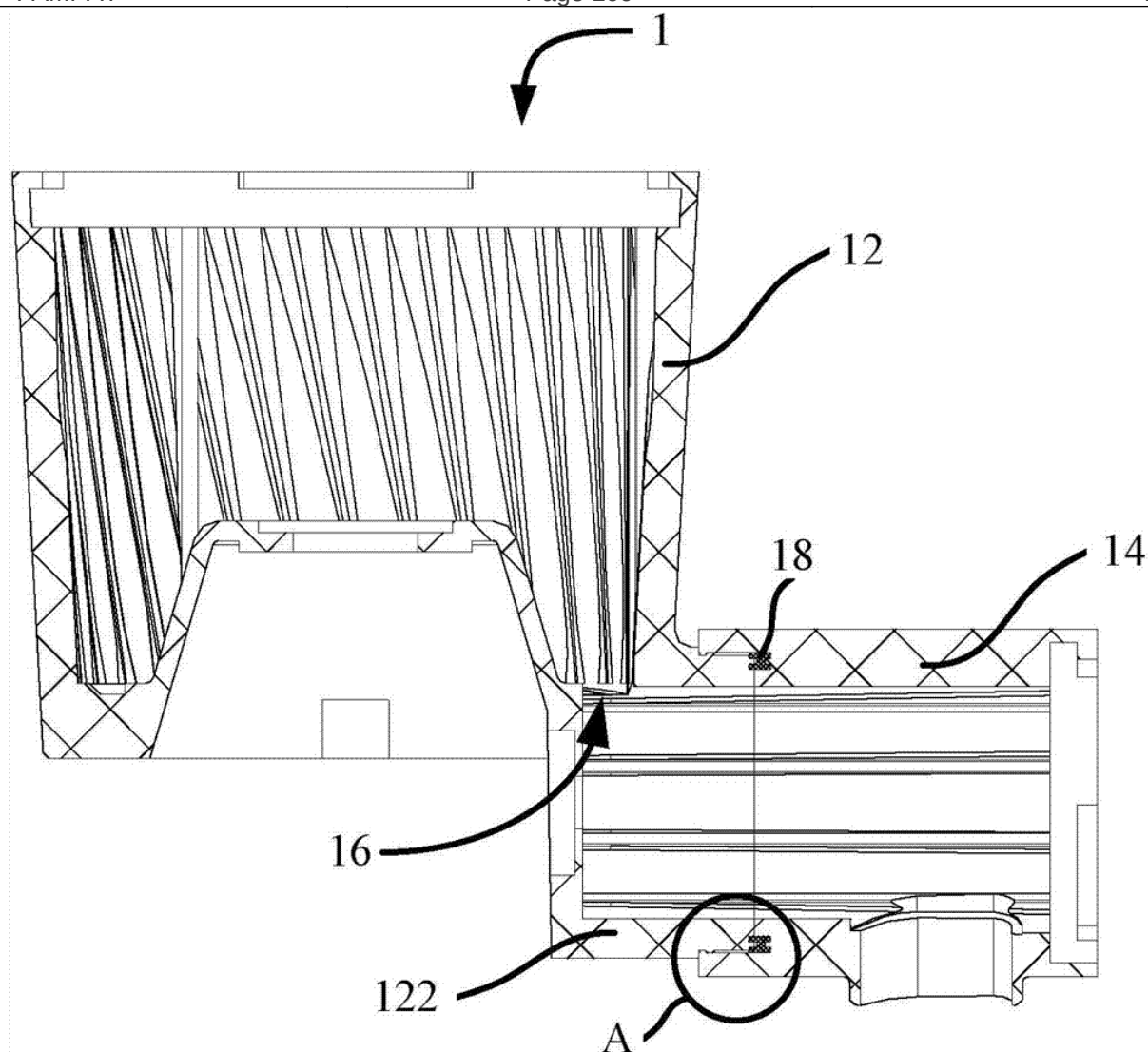
Family 68/100 - FAMPAT - ©Questel

Title

(CN206612531U)

Barrel body component and food processor

Images

**Publication numbers with kind code & date**[CN206612531](#)

U

2017-11-07

[CN206612531U](#)**Abstract**

(CN206612531)

The utility model provides a barrel body component and food processor, barrel body component includes: crushing bucket is provided with the intercommunication mouth on the crushing bucket, the reducing mechanism sets up in smashing the bucket for promote and smash and eat the material, squeezing barrel, squeezing barrel's one end can be installed to smashing the bucket with dismantling to switch on each other through intercommunication mouth and crushing bucket, the extrusion device sets up in squeezing barrel for the material is eaten in the extrusion, so that eat the separating juice and slag of material, wherein, smash in the bucket in kibbling edible material can enter into squeezing barrel through the intercommunication mouth. This technical scheme, crushing process and the juicer deslagging process that will eat the material divide to open and go on, and the use that can remove parts such as filter screen and rotatory brush from is with the structure of simplifying the product and reduce spare part quantity, with squeezing barrel with smash the bucket and can dismantle the installation and can separate the washing, separately transport and take in with squeezing barrel smashing the bucket, just feasible crushing barrel and squeezing barrel can change to the cost of product each side be can reduce, product quality and user experience are improved.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

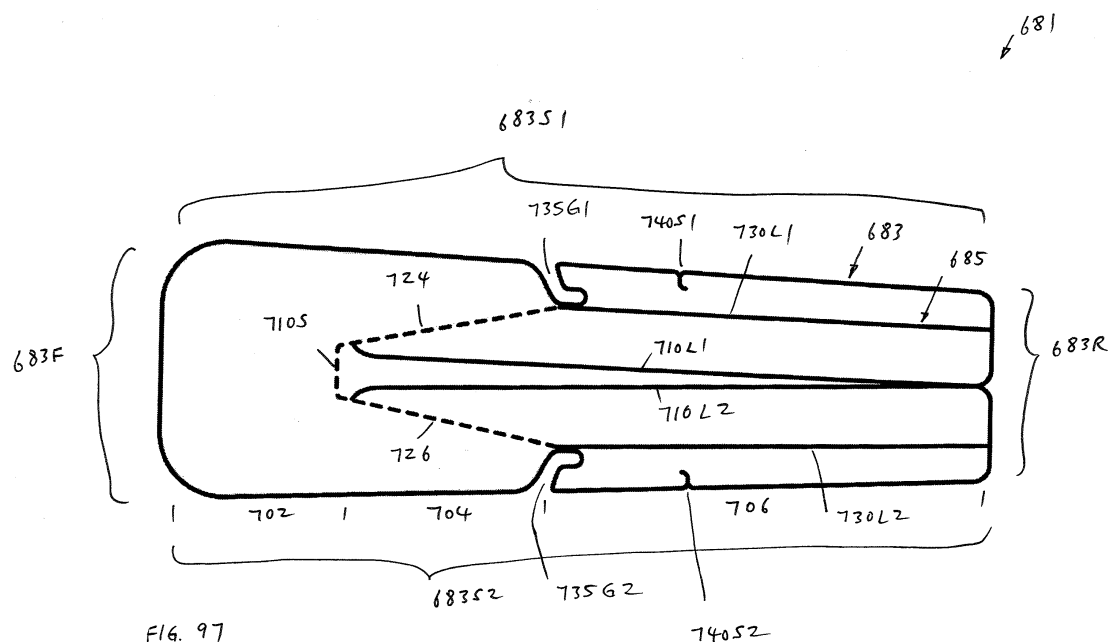
Family 70/100 - FAMPAT - ©Questel

Title

(WO2019202526)

A handheld tool

Images



Publication numbers with kind code & date

WO2019/202526

A2 2019-10-24

WO2019202526



Abstract

(WO2019/202526)

The application provides a blank for forming a handheld tool. The blank includes an elongated sheet that includes a top surface and a bottom surface, a first longitudinal end and a second longitudinal end, a first side end and a second side end, and a circumferential edge. The circumferential edge includes a rear edge, a front edge, a first side edge, and a second side edge. The elongated sheet also includes at least one upward bending line extending, and a second upward bending segment, and a connecting segment. The elongated sheet also includes a first downward bending line and a second downward bending line.

Inventors

LEE KAR YIN

Latest standardized assignees - inventors removed

GENIIQ PTE

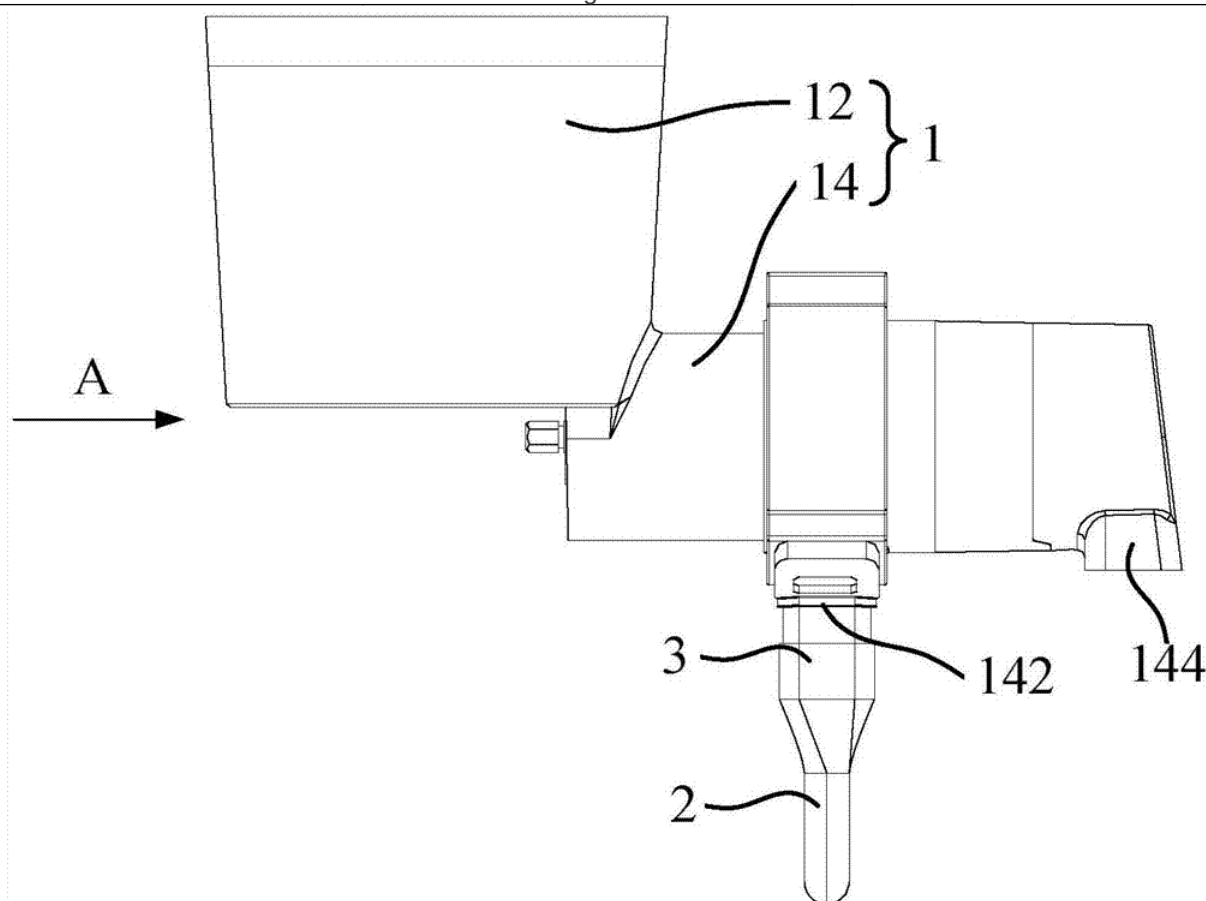
Family 71/100 - FAMPAT - ©Questel

Title

(CN108125543)

Barrel assembly and food processor

Images



Publication numbers with kind code & date

[CN108125543](#)

A 2018-06-08 CN108125543



Abstract

(CN108125543)

The invention provides a barrel assembly and a food processor. The barrel assembly is used for the food processor and comprises a housing and a drainage device. A juice outlet is formed in the housing, and the drainage device is connected with the juice outlet and used for discharging food juice of the juice outlet. According to the provided barrel assembly, after the drainage device is arranged, the height and size of a juice container are not limited by the structure of the food processor, and a user can select an appropriate juice container with larger size and/or higher height for containing the juice according to the drainage length and drainage height of the drainage device so that replacement of the juice container can be reduced to increase the experience satisfaction degree of the user. At the same time, when the juice is contained, the drainage device can also be stretched into the juice container to reduce the height position of discharging the juice or use a higher juice container to prevent the food juice from spilling outside the juice container so that not only can the waste of the food juice be prevented to ensure the juice rate, but also the food juice can be prevented from spilling and contaminating products or a table top, and the cleaning workload of the user is reduced.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

MIDEA

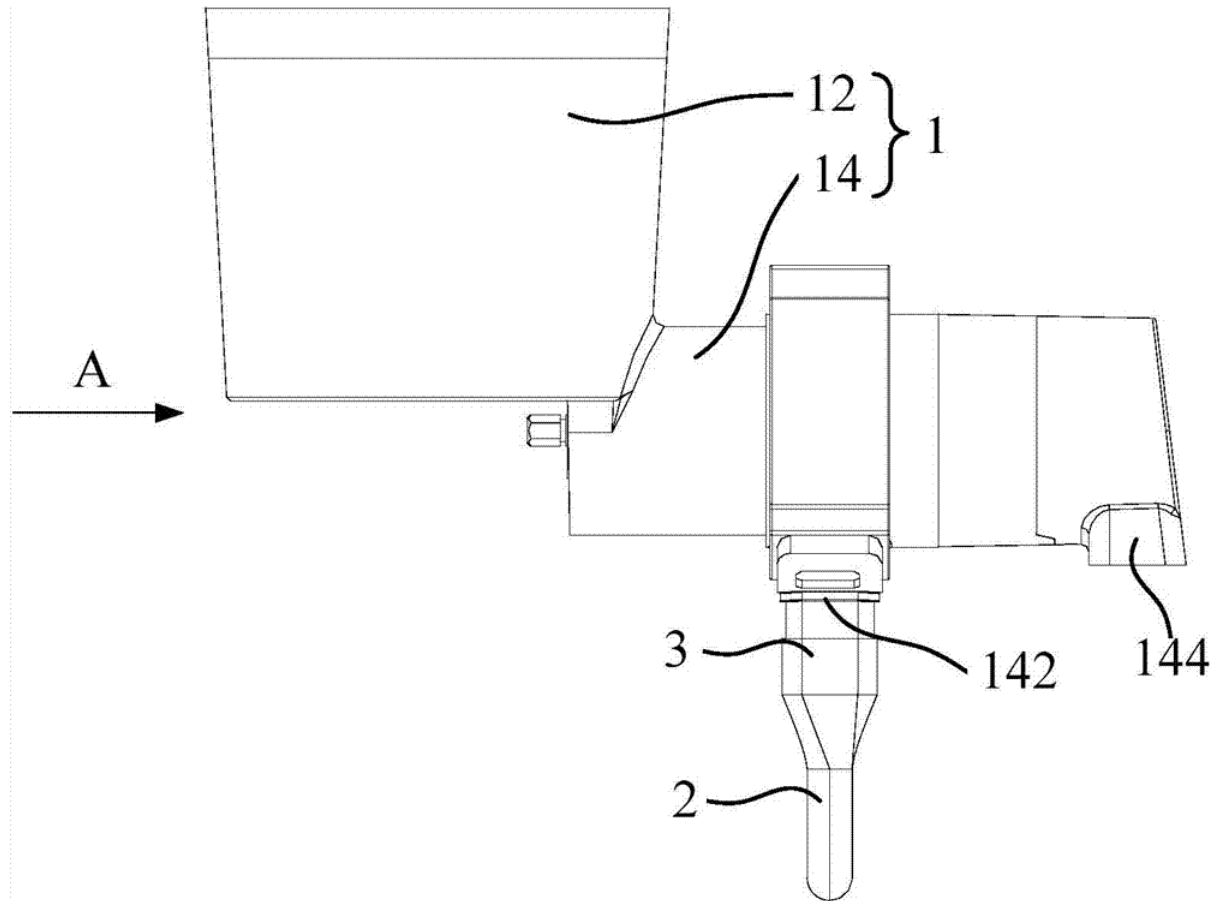
Family 72/100 - FAMPAT - ©Questel

Title

(CN206612524U)

Barrel body component and food processor

Images



Publication numbers with kind code & date

[CN206612524](#) U 2017-11-07 CN206612524U



Abstract

(CN206612524)

The utility model provides a barrel body component and food processor, wherein barrel body component for food processor, include: the casing is provided with out the juice mouth on, be provided with the extrusion muscle on the inside wall of casing, drainage device is connected with a juice mouth for the beverage juice that will go out the juice mouth draws forth. The barrel body component that this scheme provided after setting up drainage device, connects the height of juice container and the structural constraint that the size did not receive food processor, and the user can connect juice according to drainage device's drainage length and suitable, the more great and/or more higher juice container that connects of the high selection of drainage to can reduce the change that connects the juice container, with the experience satisfaction that improves the user. Simultaneously, when connecting juice still can with drainage device stretch into connect the juice container in to reduce the high position of a juice or select the higher juice container that connects for use, with prevent beverage juice splash connect the juice container outside, and then can prevent beverage juice's waste, in order to guarantee a juice rate, can prevent the beverage juice spill again and pollute product or mesa, reduce user's cleaning volume.

Inventors

HAN HAN
CHEN WEIJIE
TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING
MIDEA

Family 73/100 - FAMPAT - ©Questel

Title

US20060186222	A1	2006-08-24	US20060186222
TWI256425	B	2006-06-11	TWI256425
EP1652990	A1	2006-05-03	EP1652990
JP2006102528	A	2006-04-20	JP2006102528
KR20060027410	A	2006-03-27	KR20060027410
TW200519266	A	2005-06-16	TW200519266
JP2005087712	A	2005-04-07	JP2005087712
AU2004262690	A1	2005-02-17	AU2004262690
WO2005/014911	A1	2005-02-17	WO200514911
WO2005/014912	A1	2005-02-17	WO200514912



Abstract

(EP1652990)

A water feeding apparatus (300) has an ion eluter (100) and a shower emitter (200). The shower emitter (200) receives water via a coupling pipe (250) from the ion eluter (100), and sprays the water, in the form of a shower, onto laundry. Liquid droplets in the form of a shower are small and easy to dry, and thus produce crystals having smaller particles (with large surface areas), having more lattice defects, and easier to dissolve. With these crystals attached to the laundry, when the crystals make contact with moisture next time, the silver ion in the liquid droplets easily dissolves. Even when the laundry is made of water-repellent or hydrophobic cloth, the solution dries up on the surface of the cloth before water is repelled. Thus, even this type of laundry can benefit from the antimicrobial effect of the silver ion.

Inventors

IKEMIZU MUGIHEI

YOSHIKAWA HIROFUMI

HIRAMOTO RIE

TADANO MINORU

OHE HIROKAZU

Latest standardized assignees - inventors removed

SHARP

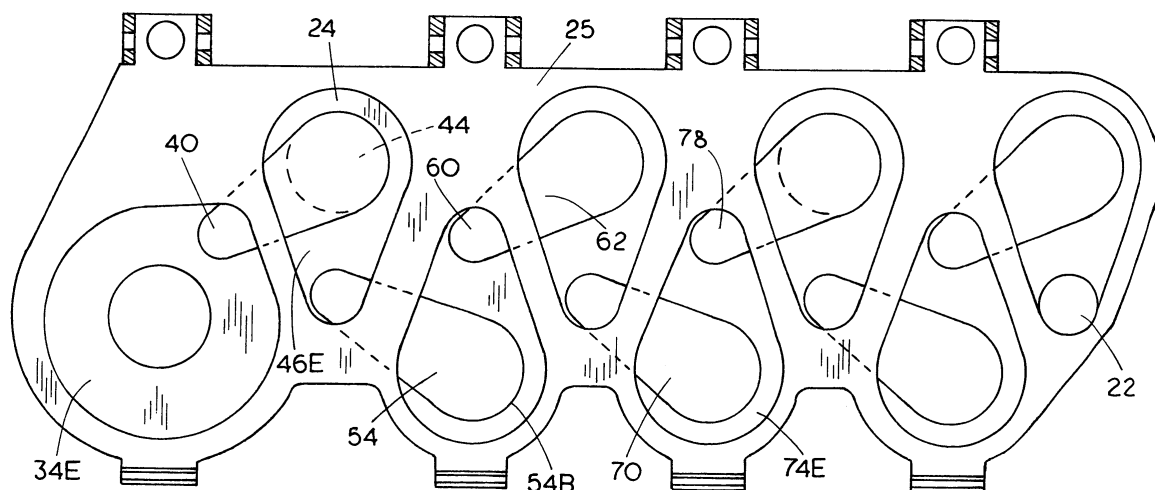
Family 74/100 - FAMPAT - ©Questel

Title

(US20040250634)

Method and apparatus for cascade impactor testing of inhalable drug therapies recovery for chemical analysis

Images



Publication numbers with kind code & date



DE10028599	B4	2012-02-09	DE10028599				
GB2371861	A8	2008-08-04	GB2371861				
GB2371861	B8	2008-08-04	GB2371861				
GB2351155	A8	2008-07-17	GB2351155				
GB2351155	B8	2008-07-17	GB2351155				
US20040250634	A1	2004-12-16	US20040250634				
GB2371861	B	2004-07-14	GB2371861				
US6723568	B1	2004-04-20	US6723568				
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US6453758	B1	2002-09-24	US6453758				
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DE10149048	A1	2002-07-04	DE10149048				
GB0123978	D0	2001-11-28	GB200123978				
DE10028599	A1	2000-12-28	DE10028599				
GB2351155	A	2000-12-20	GB2351155				
GB0014300	D0	2000-08-02	GB200014300				

Abstract

(US20040250634)

A compact cascade impactor is formed to classify particles carried in a flow through the impactor. The impactor has collection chambers that are arranged to conserve space and yet provide a large flow passageway. The collection chamber may be tear drop shaped and being nested together. The impactor includes nozzles that are used across a desired range without.

Inventors

LIU BENJAMIN Y H

MARPLE VIRGIL A

ROBERTS DARYL L

Latest standardized assignees - inventors removed

PNC BANK

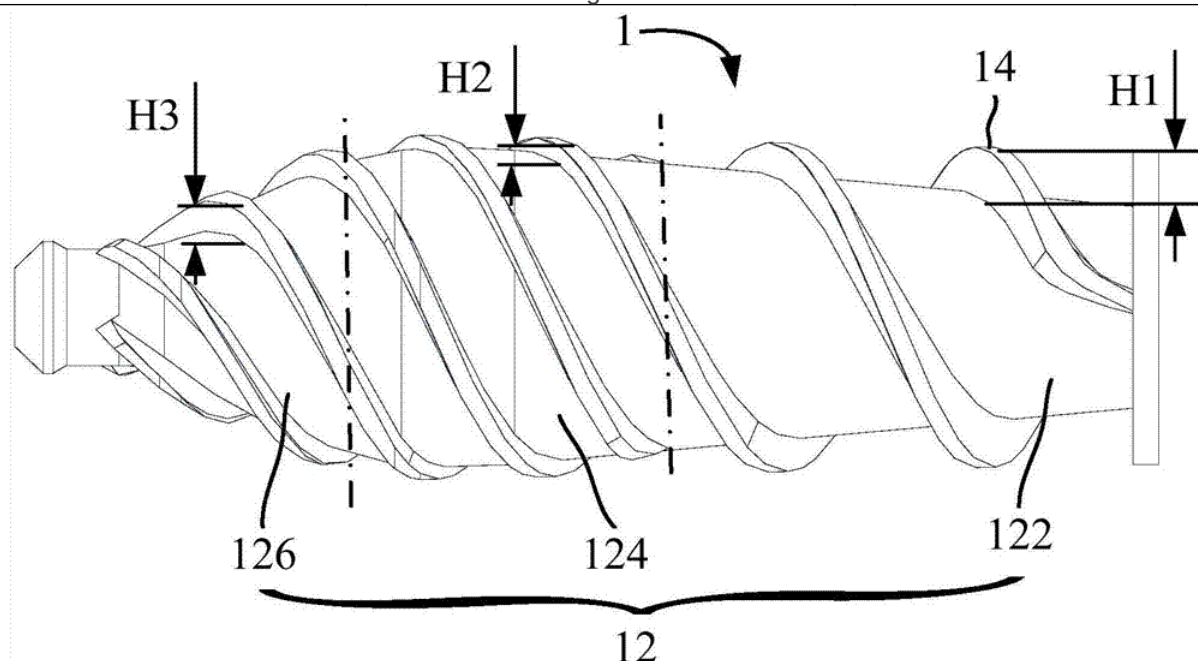
Family 75/100 - FAMPAT - ©Questel

Title

(CN108784270)

Screw and food processor

Images



Publication numbers with kind code & date

CN108784270

A 2018-11-13 CN108784270



Abstract

(CN108784270)

The invention provides a screw and a food processor. The screw comprises a rod body and a spiral rib. The rod body comprises a conveying segment, a grinding segment and an extrusion segment which are connected in sequence. The area of the cross section of the rod body can be increased at first and decreased from the conveying segment to the extrusion segment; the spiral rib winds the rod body; the cross section of the spiral rib is trapezoid, the radial height of the spiral rib on the rod body is H , the maximum diameter of the rod body is D , and H is larger than or equal to $0.32D$ and smaller than or equal to $0.25D$. According to the technical scheme, the cross section of the spiral rib is arranged to be trapezoid, the height of the spiral rib is reasonably limited through the maximum diameter of the rod body so that the height of the spiral rib can be matched with the maximum diameter of the rod body, the screw can better convey and extrude food materials accordingly, the juicing speed and efficiency of products can be guaranteed to improve the juicing effect of the products, and meanwhile residue blocking and food residue slip can be prevented through the screw.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

XIONG QIULIANG

XU JUNNAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

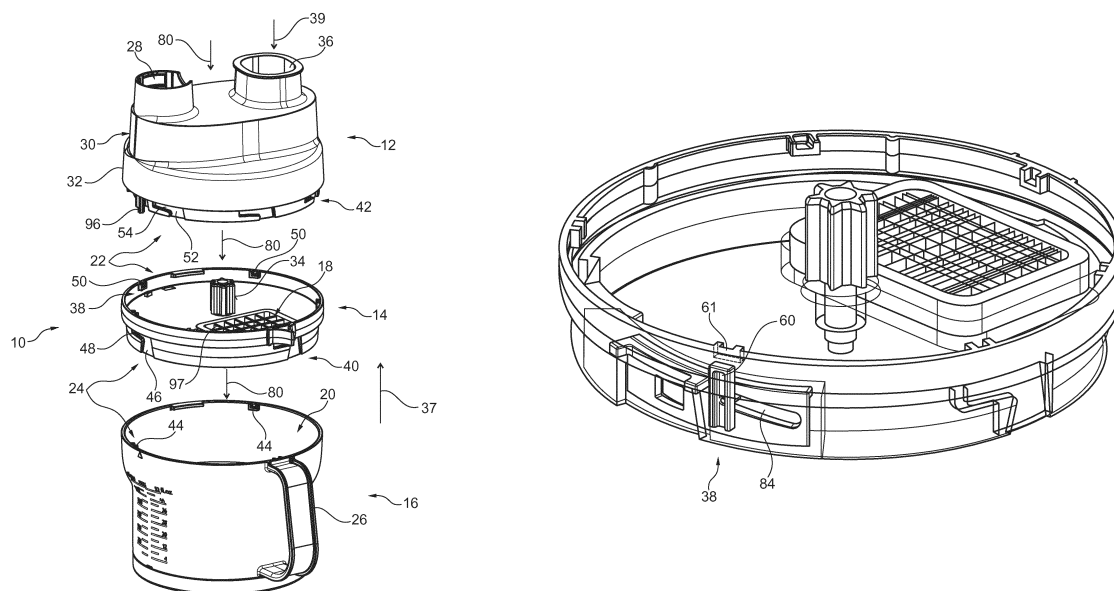
Family 76/100 - FAMPAT - ©Questel

Title

(EP2887848)

Safety system for household food-processing device

Images



Publication numbers with kind code & date

US10251515	B2	2019-04-09	US10251515
EP2887848	B1	2018-08-01	EP2887848
BR112015003468	A2	2017-12-12	BR112015003468
RU2636561	C2	2017-11-23	RU2636561
JP6232065	B2	2017-11-15	JP6232065
BR112015003468	A1	2017-08-29	BR112015003468
CN104582550	B	2017-07-14	CN104582550B
RU2015109744	A	2016-10-10	RU2015109744
IN1445/CHENP/2015	A	2016-07-01	IN2015CN01445
JP2015529107	A	2015-10-05	JP2015529107
US20150216360	A1	2015-08-06	US20150216360
EP2887848	A1	2015-07-01	EP2887848
CN104582550	A	2015-04-29	CN104582550
WO2014/029670	A9	2014-08-21	WO201429670
WO2014/029670	A1	2014-02-27	WO201429670



Abstract

(EP2887848)

The present invention relates to household food-processing devices. In order to provide a household food-processing device with a mounting system ensuring that it is not possible to touch the processing tool in an operating state, a household food-processing device (10) is provided that comprises a base unit (12), a processing tool unit (14) with a processing tool (18) for processing supplied food, and a receiving unit (16) with a receiving volume (20) for receiving the processed food. The base unit provides a driving force for actuating the processing tool. The receiving unit is mountable to the processing tool unit, and the base unit is mountable to the processing tool unit. The processing tool unit is provided with a safety mounting mechanism (38) defining a mounting order, according to which the base unit is mountable to the processing tool unit only when the receiving unit is mounted to the processing tool unit; and according to which the de-mounting of the receiving unit from the processing tool unit is blocked when the base unit is mounted to the processing tool unit.

Inventors

HOSNER MARIO

Latest standardized assignees - inventors removed

PHILIPS

rim part and rotating while being seated in the axial shaft is formed in the lower side of the drying container. A driving magnet body wherein magnets are arranged and installed in a rim part corresponding to the driven magnetic body is formed in a rotary shaft of a first motor for rotating the drying container, thus the power unit enables the power of the first motor to be transmitted to the drying container by magnetic power between the driven and driving magnetic bodies. Accordingly, the food waste disposal device is capable of preventing the risk of fire due to the corrosion of the power unit and an electrical short by preventing waste water or cleaning water from flowing into the power unit.

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Inventors

OH, JANG SEOP

CHUNG, JONG PIL

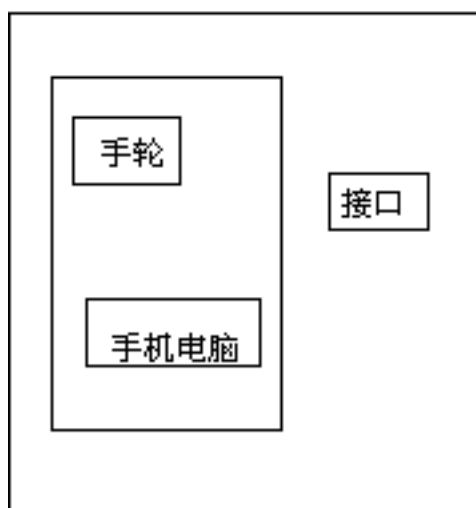
Family 78/100 - FAMPAT - ©Questel

Title

(CN104133527)

Mobile phone computer, operating system, input device and application of mobile phone computer, operating system and input device

Images



Publication numbers with kind code & date

CN105302333	B	2019-04-05	CN105302333B
CN105302333	A	2016-02-03	CN105302333
CN104133527	A	2014-11-05	CN104133527



Abstract

(CN104133527)

The invention provides a mobile phone, a paperless teaching examination system, a numerical control system, a robot system and a detection system, wherein the mobile phone has the advantages of great storage capacity and high input speed, can use a wired network, can use computer application programs and can be developed and programmed by a native language; and the paperless teaching examination system, the numerical control system, the robot system and the detection system are formed by using the mobile phone as a carrier.

Inventors

JIANG GUOCHANG

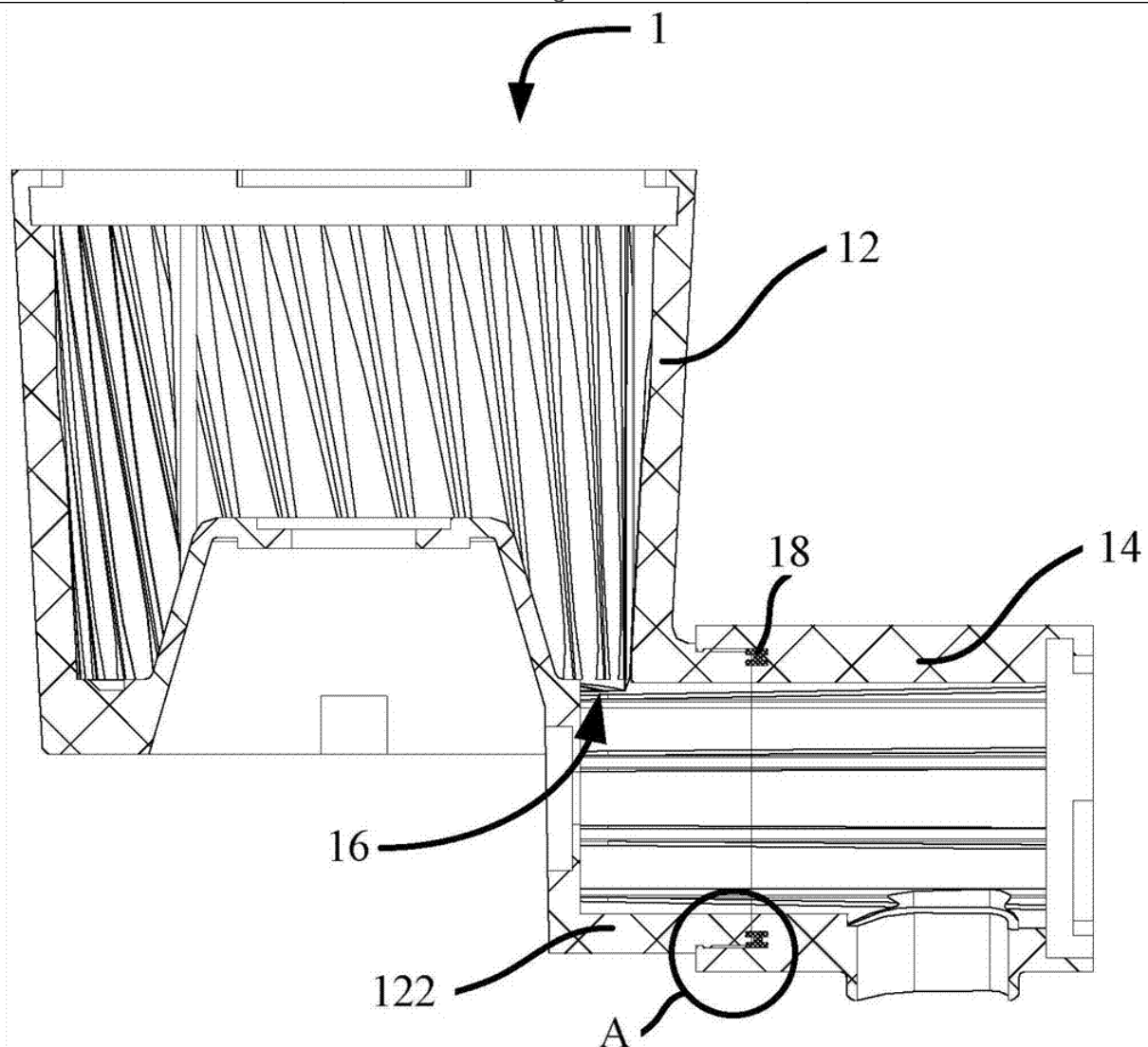
Family 79/100 - FAMPAT - ©Questel

Title

(CN108125542)

Barrel assembly and food processor

Images

**Publication numbers with kind code & date**

CN108125542 A 2018-06-08 CN108125542

**Abstract**

(CN108125542)

The invention provides a barrel assembly and a food processor. The barrel assembly comprises a crushing barrel, a crushing device, an extrusion barrel and an extrusion device. A communication port is formed in the crushing barrel; the crushing device is arranged in the crushing barrel and used for pushing and crushing food materials; one end of the extrusion barrel can be detachably mounted on the crushing barrel and is mutually communicated with the crushing barrel through the communication port; the extrusion device is disposed in the extrusion barrel and used for extruding the food materials to separate juice from residues of the food materials. The crushed food materials in the crushing barrel can enter the extrusion barrel through the communication port. According to the technical scheme, a crushing process and a juicing and residue discharging process of the food materials are separately conducted, the use of components such as a filter screen and a rotating brush can be omitted to simplify the structure of a product and reduce the number of parts, and the extrusion barrel and the crushing barrel can be detachably mounted and separately cleaned, conveyed and stored so that the crushing barrel and the extrusion barrel can be replaced, correspondingly the cost of the product in various aspects is reduced, and the product quality and the user experience are improved.

Inventors

HAN HAN
CHEN WEIJIE
TANG YAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

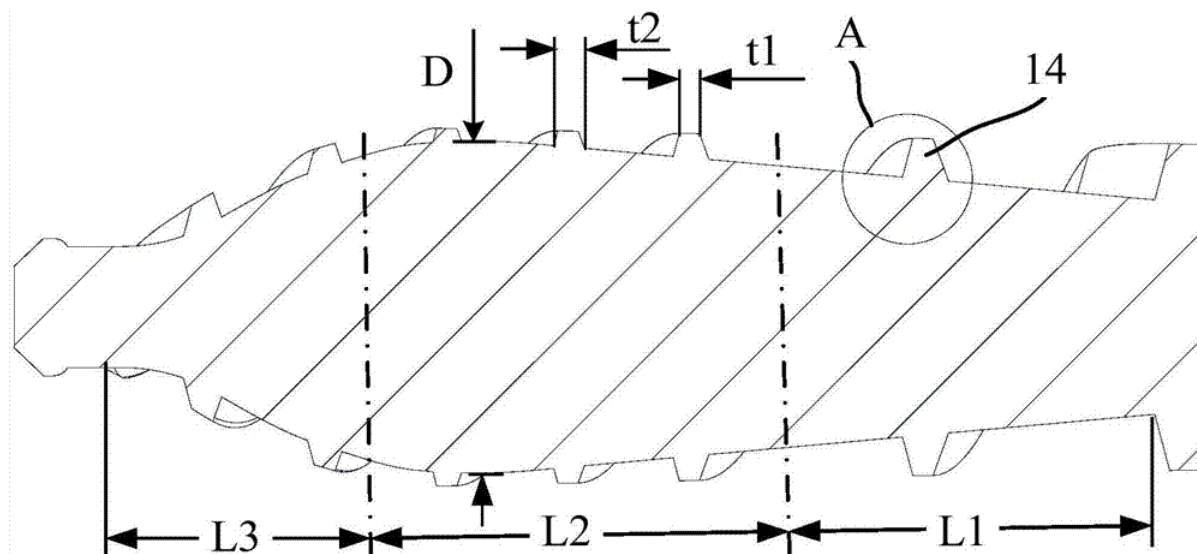
MIDEA

Family 80/100 - FAMPAT - ©Questel

Title

(CN108784267)

Screw and food processor

Images**Publication numbers with kind code & date**

CN108784267

A 2018-11-13 CN108784267

**Abstract**

(CN108784267)

The invention provides a screw and a food processor. The screw comprises a rod body and a spiral rib. The rod body comprises a conveying segment, a grinding segment and an extrusion segment which are connected in sequence. The area of the cross section of the rod body can be increased at first and decreased from the conveying segment to the extrusion segment; the spiral rib winds the rod body; the cross section of the spiral rib is trapezoid, the width of the end face of the end, away from the rod body, of the spiral rib is t_1 , the width of the end face of the end, close to the rod body, of the spiral rib is t_2 , and t_1 is smaller than or equal to t_2 ; the maximum diameter of the rod body is D , and t_2 is larger than or equal to $0.06D$ and smaller than or equal to $0.15D$ or t_2 is larger than or equal to $0.08D$ and smaller than or equal to 0.11 . According to the technical scheme, the cross section of the spiral rib is arranged to be trapezoid, the widths of the upper and lower ends of the spiral rib are reasonably limited through the maximum diameter of the rod body so that the widths of the upper and lower ends of the spiral rib can be matched with the maximum diameter of the rod body, the screw can better convey and extrude food materials accordingly, the juicing speed and efficiency of products can be guaranteed to improve the juicing effect of the products, and meanwhile residue blocking and food residue slip can be prevented through the screw.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

XIONG QIULIANG

XU JUNNAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

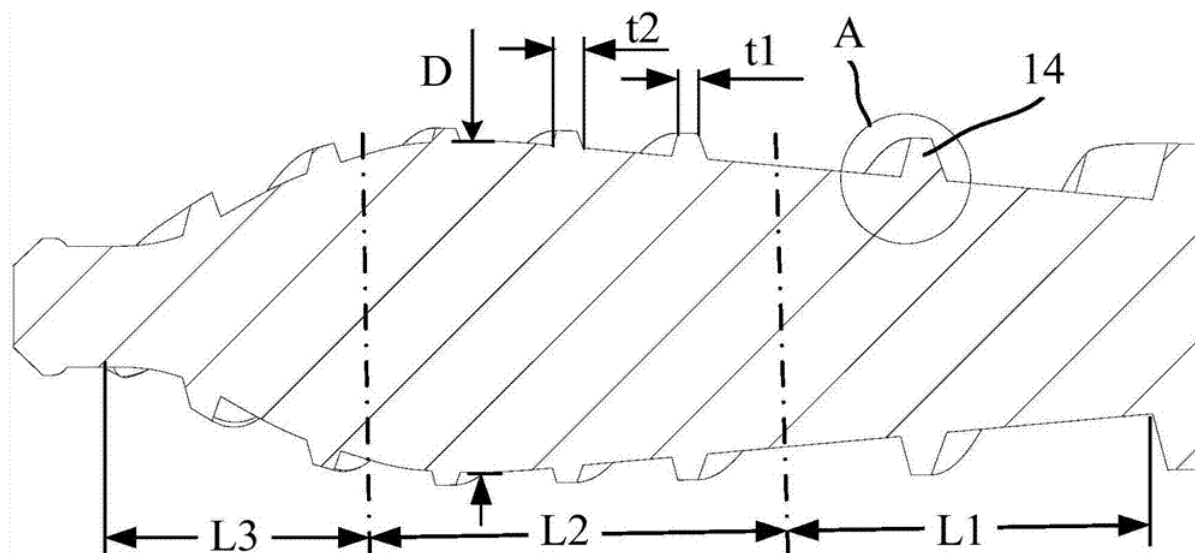
Family 81/100 - FAMPAT - ©Questel

Title

(CN207285847U)

Screw rod and food processor

Images



Publication numbers with kind code & date

CN207285847

U

2018-05-01

CN207285847U



Abstract

(CN207285847)

The utility model provides a screw rod and food processor, the screw rod includes: the body of rod, the body of rod is including the transport section, grinding section and the extrusion section that connect gradually, the spiral muscle, the spiral muscle twines on the body of rod, the cross -section of spiral muscle is trapezoidally, and the width that the terminal surface of the one end of the body of rod was kept away from to the spiral muscle is t_1 , and the width that the spiral muscle is close to the terminal surface of the one end of the body of rod is t_2 , wherein, $t_1 \leq t_2$, the maximum diameter of the body of rod is D , wherein $0.06D \leq t_2 \leq 0.15D$ or $0.08D \leq t_2 \leq 0.11D$. This technical scheme sets to the cross -section of spiral muscle trapezoidal to simultaneously the maximum diameter through the body of rod rationally limits the width of the last lower extreme of spiral muscle so that the width of the last lower extreme of spiral muscle can with the maximum diameter looks adaptation of the body of rod, thereby make the screw rod to carry and to push eating the material better, and then can guarantee the speed of squeezing the juice and the squeeze the juice effect of efficiency in order to improve the product of squeezing the juice of product, this kind of setting of while can also prevent the phenomenon emergence that slag block and food sediment skidded.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

XIONG QIULIANG

XU JUNNAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

Family 82/100 - FAMPAT - ©Questel

Title

(WO2015199884)

Estimating energy content for food waste disposal, storage, and treatment system

Images

the slurry at an anaerobic digestion facility based on the chemical oxygen demand of the slurry, determines an estimated energy content of the slurry based on the estimated methane yield, generates a report that includes the estimated energy content of the slurry, and communicates the report to the terminal. In a second embodiment, the remote module receives at least one of a measurement and an estimate of a total organic carbon of the slurry for calculating the estimated methane yield that will result from anaerobic digestion of the slurry. In a third embodiment, the remote module determines a wet food waste volume, a solid food waste volume, a weight of solid food waste in the slurry, and calculates an estimated energy content of the slurry.

Inventors

KELEMAN MICHAEL P

FURLONG CASEY R

Latest standardized assignees - inventors removed

EMERSON ELECTRIC

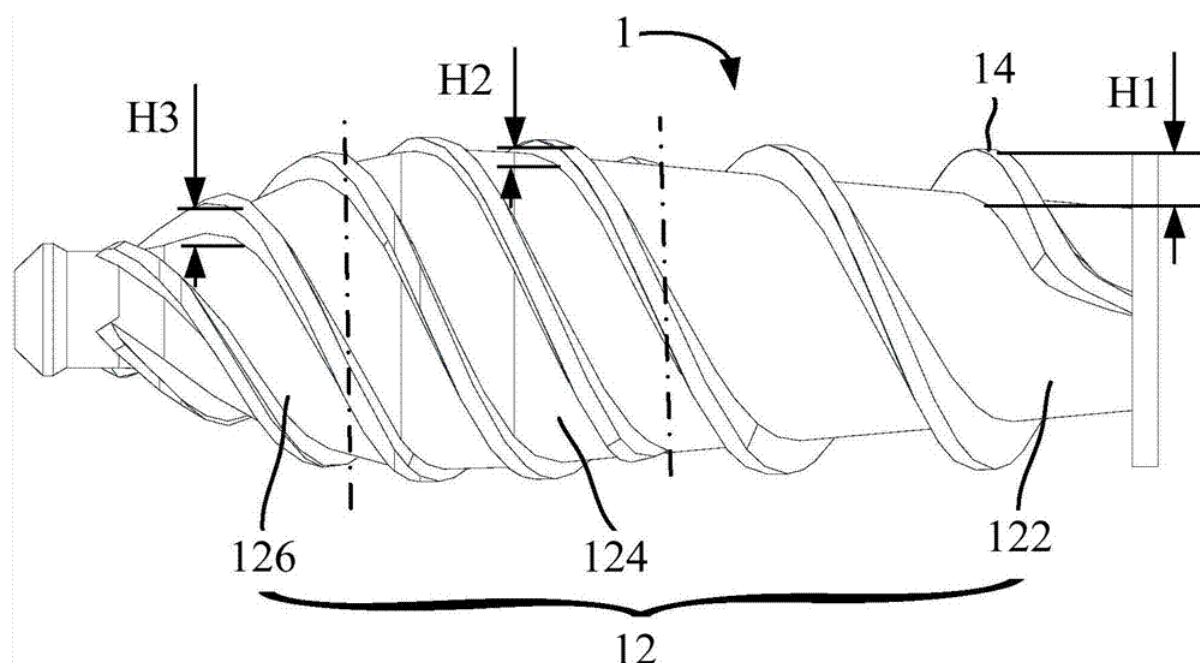
Family 83/100 - FAMPAT - ©Questel

Title

(CN207285846U)

Screw rod and food processor

Images



Publication numbers with kind code & date

[CN207285846](#)

U 2018-05-01 CN207285846U



Abstract

(CN207285846)

The utility model provides a screw rod and food processor, the screw rod includes: the body of rod, the body of rod including the transport section, grinding section and the extrusion section that connect gradually, the spiral muscle, the spiral muscle twines on the body of rod, the cross-section of spiral muscle is trapezoidally, and the spiral muscle is in radial the going up of the body of rod highly is H, the maximum diameter of the body of rod is D, wherein, and $H \leq 0.32D$, or $H \leq 0.25D$. This technical scheme sets to the cross-section of spiral muscle trapezoidal to simultaneously the maximum diameter through the body of rod rationally restricts the height of spiral muscle so that the height of spiral muscle can with the maximum diameter looks adaptation of the body of rod, thereby make the screw rod to carry and to extrude eating the material better, and then can ensure the speed of squeezing the juice and the squeeze the juice effect of efficiency in order to improve the product of squeezing the juice of product, this kind of setting simultaneously can also prevent the phenomenon emergence that slag block and food sediment skidded.

Inventors

HAN HAN

CHEN WEIJIE

TANG YAN

XIONG QIULIANG

XU JUNNAN

Latest standardized assignees - inventors removed

GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MANUFACTURING

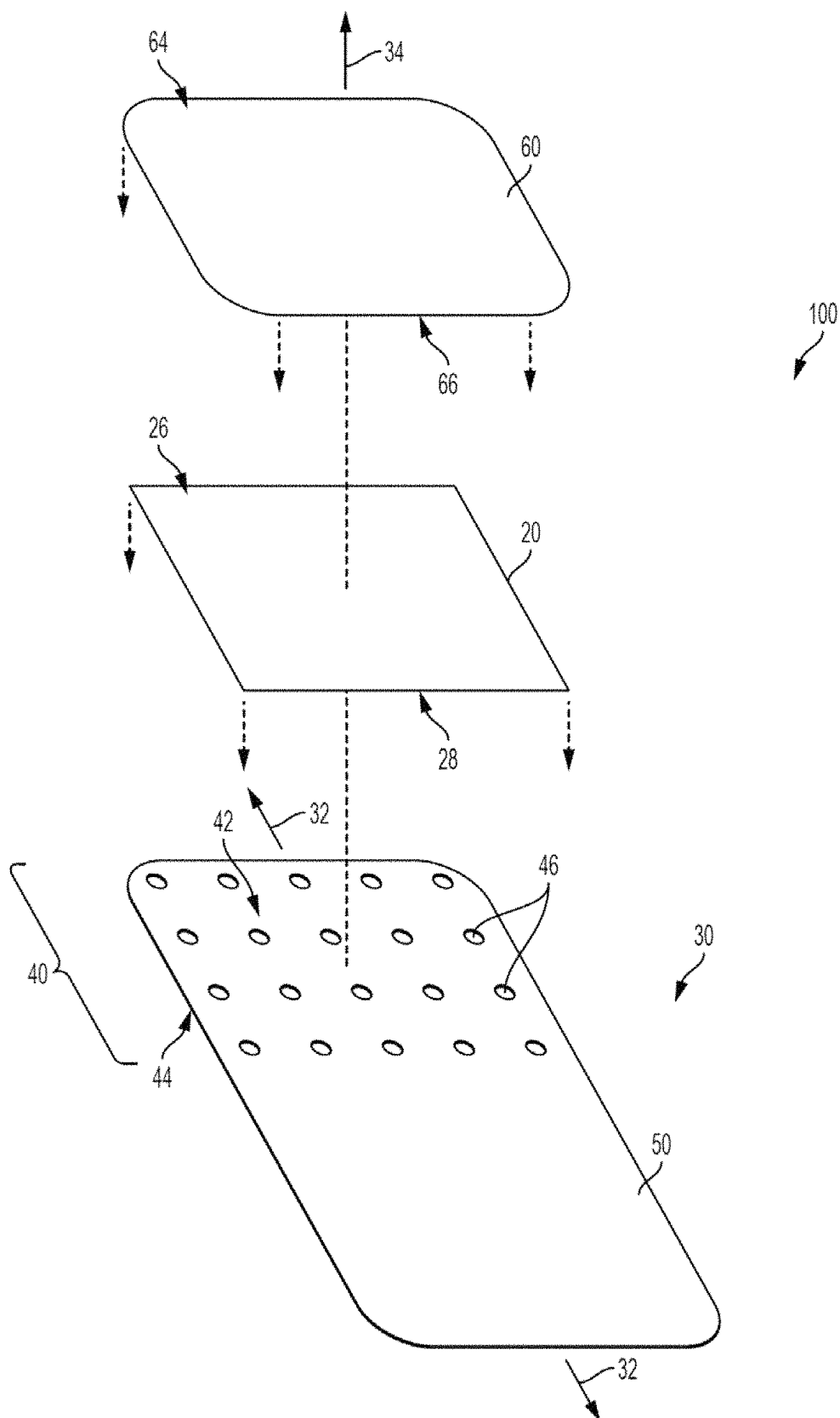
Family 84/100 - FAMPAT - ©Questel

Title

(EP3116459)

Support and packaging for membranes

Images



Publication numbers with kind code & date

US20190276215	A1	2019-09-12	US20190276215
US10279974	B2	2019-05-07	US10279974
EP3116459	A4	2017-11-15	EP3116459
JP2017512544	A	2017-05-25	JP2017512544
CN106572920	A	2017-04-19	CN106572920



EP3116459	A1	2017-01-18	EP3116459
KR20160134771	A	2016-11-23	KR20160134771
CA2942882	A1	2015-09-17	CA2942882
US20150259119	A1	2015-09-17	US20150259119
WO2015/138935	A1	2015-09-17	WO2015138935

**Abstract**

(EP3116459)

A support assembly for supporting a biological product (e.g., membrane) in an operative position. The support assembly has a base and a cover. A membrane receiving portion of the base defines a plurality of perforations that extend between top and bottom surfaces of the product receiving portion. The cover is releasably coupled to the base in a product-covering position in which the cover overlies the product receiving portion of the base. In the operative position, the biological product engages the top surface of the product receiving portion and the bottom surface of the cover.

Inventors

DUAN-ARNOLD YI

DANILKOVITCH ALLA

GYURDIEVA ALEXANDRA

KUANG JINQIANG

SINCLAIR STEVEN MICHAEL

Latest standardized assignees - inventors removed

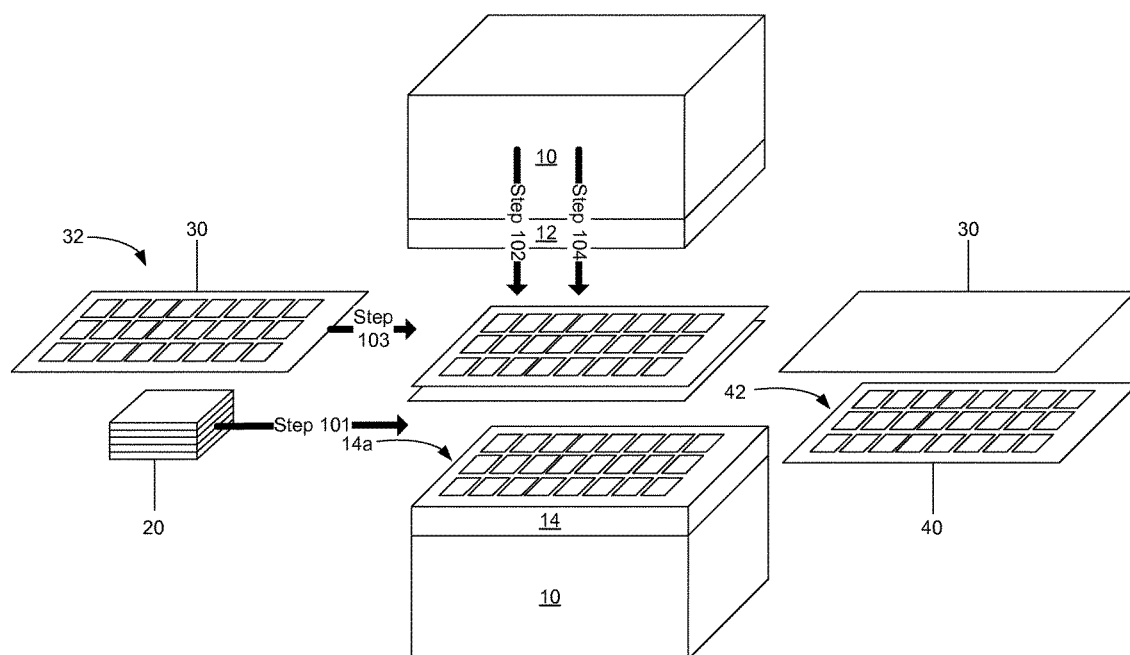
OSIRIS THERAPEUTICS

Family 85/100 - FAMPAT - ©Questel

Title

(EP2653319)

Method of forming a decorated compression molded component

Images**Publication numbers with kind code & date**

US9956704	B2	2018-05-01	US9956704
US9809054	B2	2017-11-07	US9809054
CN103373165	B	2017-03-22	CN103373165B
EP2653319	B1	2016-04-13	EP2653319



CA2812668	C	2015-11-24	CA2812668				
US20150158329	A1	2015-06-11	US20150158329				
CN103373165	A	2013-10-30	CN103373165				
US20130280494	A1	2013-10-24	US20130280494				
EP2653319	A1	2013-10-23	EP2653319				
CA2812668	A1	2013-10-19	CA2812668				

Abstract

(EP2653319)

A panel (40) includes a thermoset material (20), and an image (42) comprising sublimation ink. The sublimation ink is absorbed in the thermoset material. The rigid component may be a rigid structure formed by the thermoset material. The panel may be for a bath or shower enclosure. The panel (40) is formed by inserting uncured thermosetting material (20) between upper and lower tools (12, 14) and applying heat and pressure to shape and cure the material. A carrier (30) comprising a transfer image (32) is thereafter inserted between the thermoset material and the upper tool and heated and pressed to sublimate the ink of the image into the thermoset material.

Inventors

HILL ROBERT D

KYLE JONATHAN

GRUNWALD STEVEN

Latest standardized assignees - inventors removed

KOHLER

Family 86/100 - FAMPAT - ©Questel

Title

(EP3510338)

Safety mechanism for firearms

Images

Abstract

(EP3510338)

A discharge blocking device is compatible with a firearm having a magazine housing and a trigger bar. The trigger bar has a range of motion between a forward released position and a rearward discharge position. The discharge blocking device comprises a cover configured to be removably received in the magazine housing; a locking mechanism connected to the cover; and a rotating locking element connected to the locking mechanism and having a rotating projection configured to at least partially rotate between a locked state and an unlocked state. The rotating projection is configured to prevent movement of the trigger bar to the rearward discharge position and prevent extraction of the discharge blocking device from the magazine housing when in the locked state; and enable movement of the trigger bar to the rearward discharge position and enable extraction of the discharge blocking device from the magazine housing when in the unlocked state.

Inventors

BIRAN DANIEL

KOTZER OMER

Latest standardized assignees - inventors removed

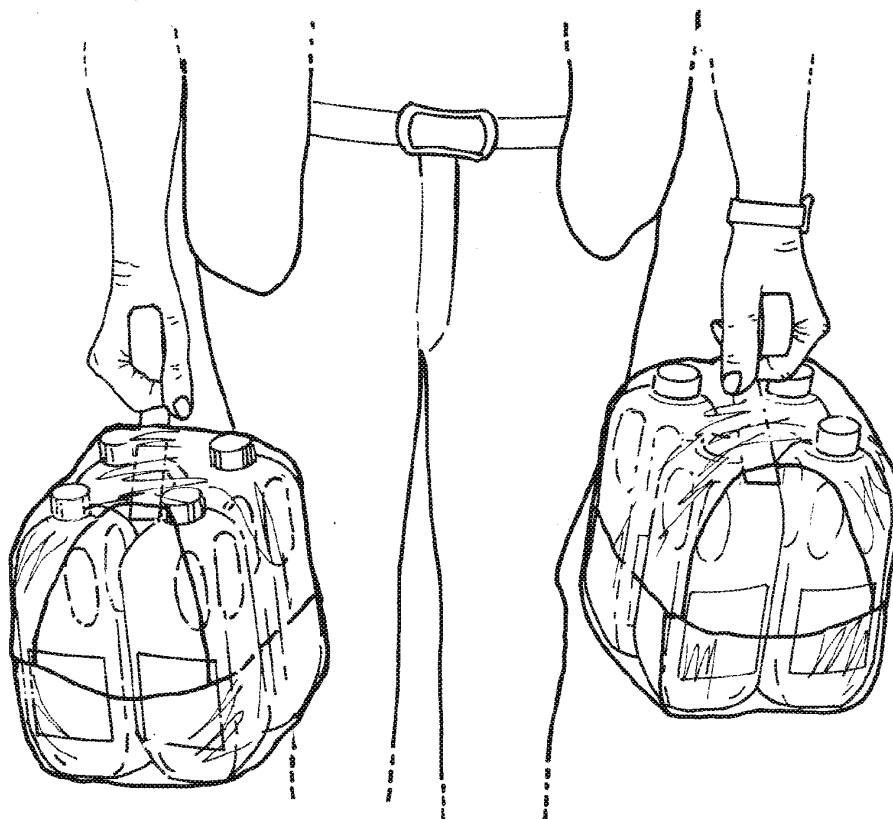
CLIPFORT

Family 87/100 - FAMPAT - ©Questel

Title

(EP3068694)

Improved shrink wrap packaging

Images**Publication numbers with kind code & date**

BR112016010108	A2	2018-08-07	BR112016010108
AU2016100109	C4	2018-07-19	AU2016100109
AU2014351066	B2	2018-05-10	AU2014351066



ZA201603648	B	2017-09-27	ZA201603648
EP3068694	A4	2017-07-12	EP3068694
JP2016540703	A	2016-12-28	JP2016540703
MX2016006349	A	2016-10-28	MX2016006349
EP3068694	A1	2016-09-21	EP3068694
US20160257468	A1	2016-09-08	US20160257468
CN105916775	A	2016-08-31	CN105916775
IN201637016328	A	2016-08-26	IN201637016328
AU2016100109	B4	2016-07-14	AU2016100109
BR112016010108	A1	2016-05-17	BR112016010108
AU2016100109	A4	2016-03-10	AU2016100109
AU2014351066	A1	2015-07-02	AU2014351066
CA2929873	A1	2015-05-21	CA2929873
WO2015/070283	A1	2015-05-21	WO201570283



Abstract

(EP3068694)

The present invention provides a shrink wrap sleeve for unitizing two or more items, the sleeve comprising a first film region and a second film region, the first film region having an area less than that of the second film region. The shrink wrap sleeve may be used to package multiple products (such as beverage containers) with a reduction in the amount of shrink wrap packaging material used. Also provided are methods for packaging multiple products.

Inventors

BOURKE PETER

Latest standardized assignees - inventors removed

LACTOTE

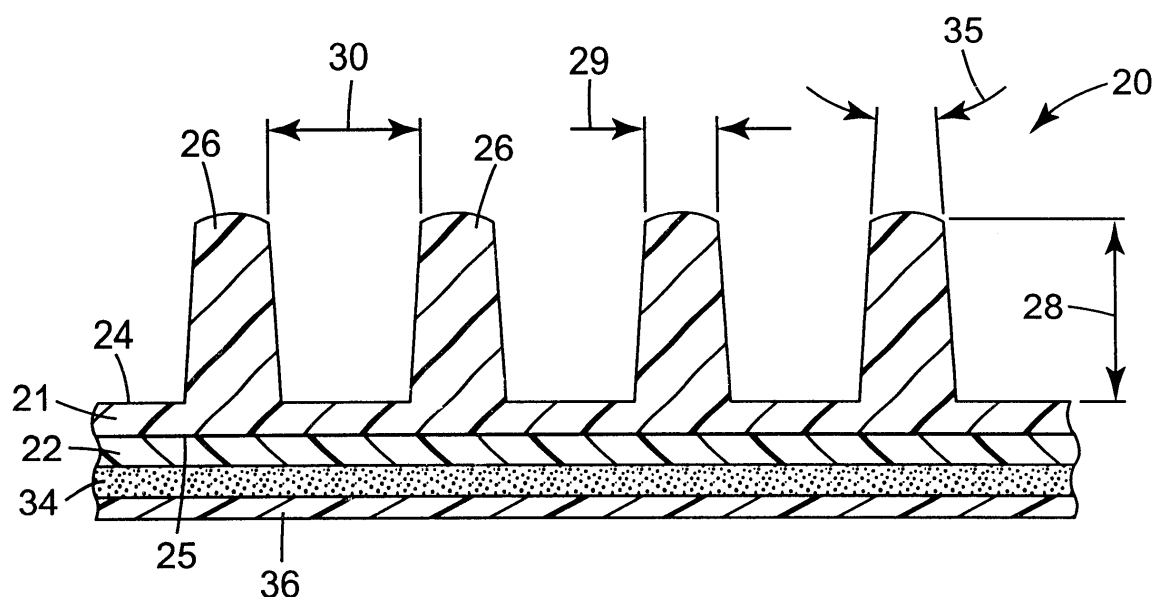
Family 88/100 - FAMPAT - ©Questel

Title

(EP1311372)

Use of a friction control article for wet and dry applications.

Images



Publication numbers with kind code & date

BR0113124	B1	2010-11-30	BR200113124
BRPI0113124	A2	2010-05-04	BR200113124



KR100808733	B1	2008-02-29	KR100808733				
DE60123634	T2	2007-08-16	DE60123634				
DE60123634	D1	2006-11-16	DE60123634				
AT341426	T	2006-10-15	ATE341426				
EP1311372	B1	2006-10-04	EP1311372				
CN1251840	C	2006-04-19	CN1251840C				
US6904615	B2	2005-06-14	US6904615				
TWI222889	B	2004-11-01	TWI222889				
BR0113124	A	2004-06-01	BR200113124				
BRPI0113124	A1	2004-06-01	BR200113124				
JP2004505810	A	2004-02-26	JP2004505810				
CN1454133	A	2003-11-05	CN1454133				
US20030203155	A1	2003-10-30	US20030203155				
US6610382	B1	2003-08-26	US6610382				
KR20030064378	A	2003-07-31	KR20030064378				
EP1311372	A2	2003-05-21	EP1311372				
WO02/13638	A3	2003-01-03	WO200213638				
AU7798901	A	2002-02-25	AU200177989				
CA2413824	A1	2002-02-21	CA2413824				
WO02/13638	A2	2002-02-21	WO200213638				

Abstract

(EP1311372)

A friction control article (20) including a backing layer (21) having a first surface (24) with an array of at least 100 upstanding stems (26) per square inch and a second surface (25). At least a portion of the upstanding stems is an elastomeric material and the stems have an aspect ratio of at least 1.25. The first surface has a static coefficient of friction when dry of at least 0.6 and a static coefficient of friction when wet within 20% of the static coefficient of friction when dry. The first surface has a peel strength and a tensile strength of substantially zero when engaged with another slip control article. The first surface has a relatively high shear strength when engaged with another slip control article. The high shear forces are due primarily to the frictional properties of the elastomeric materials, not a mechanical interlock of the stems, such as on a mechanical fastener.

Inventors

KOBÉ JAMES J

LEVITT LEON

Latest standardized assignees - inventors removed

3M

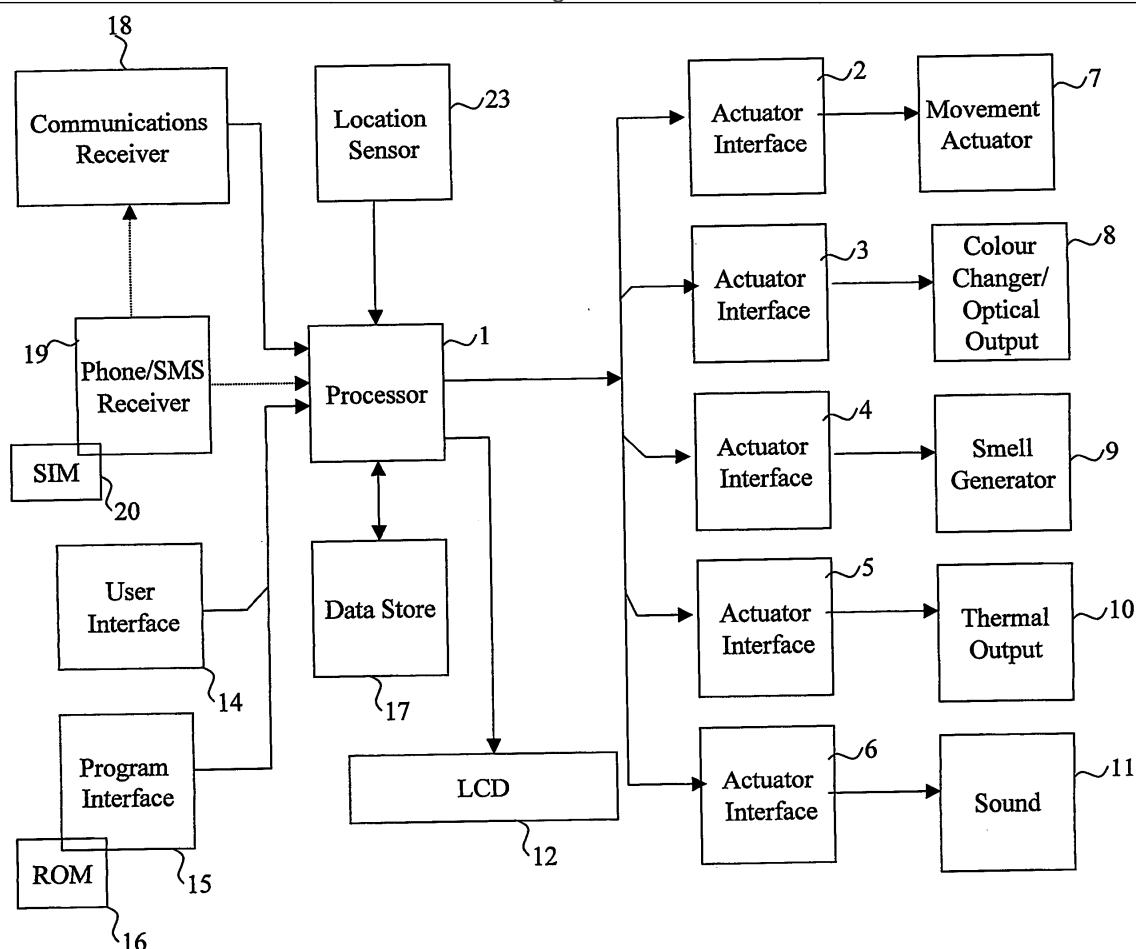
Family 89/100 - FAMPAT - ©Questel

Title

(EP1609295)

Sensory output devices

Images



Publication numbers with kind code & date

US20060206833	A1	2006-09-14	US20060206833
GB2417168	A	2006-02-15	GB2417168
EP1609295	A1	2005-12-28	EP1609295
GB0519201	D0	2005-10-26	GB200519201
WO2004/088960	A1	2004-10-14	WO200488960
GB0307399	D0	2003-05-07	GB200307399



Abstract

(EP1609295)

Sensory output devices such as wearable items, three dimensional objects such as pebbles, ornaments, toy characters and the like, include controls responsive to the content of SMS messages or to recognition of spoken words or phrases in a telephone conversation to provide a response such as a thermal change, vibrational or other tactile response, colour change or olfactory output. The output may be intensified in dependence upon the number of times at which a particular word, phrase or emoticon is identified, the control means learning from identity information to associate a current call with an historic personality trait to maintain or adapt the response provided by the sensory output device.

Inventors

CAPPER REBECCA ALICE
HARDWICK ANDREW JOHN

Latest standardized assignees - inventors removed

BT

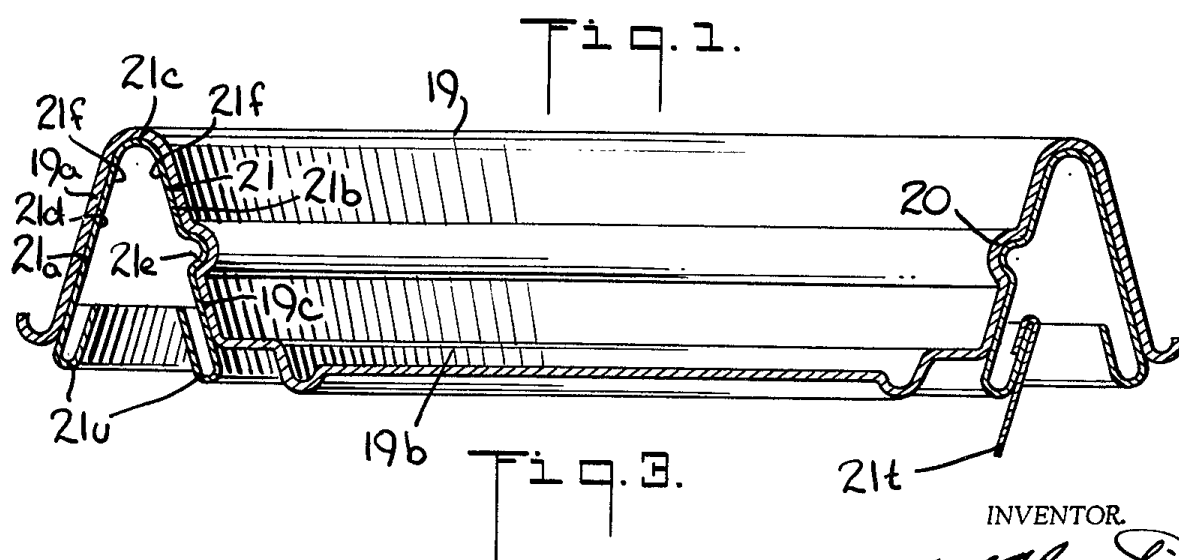
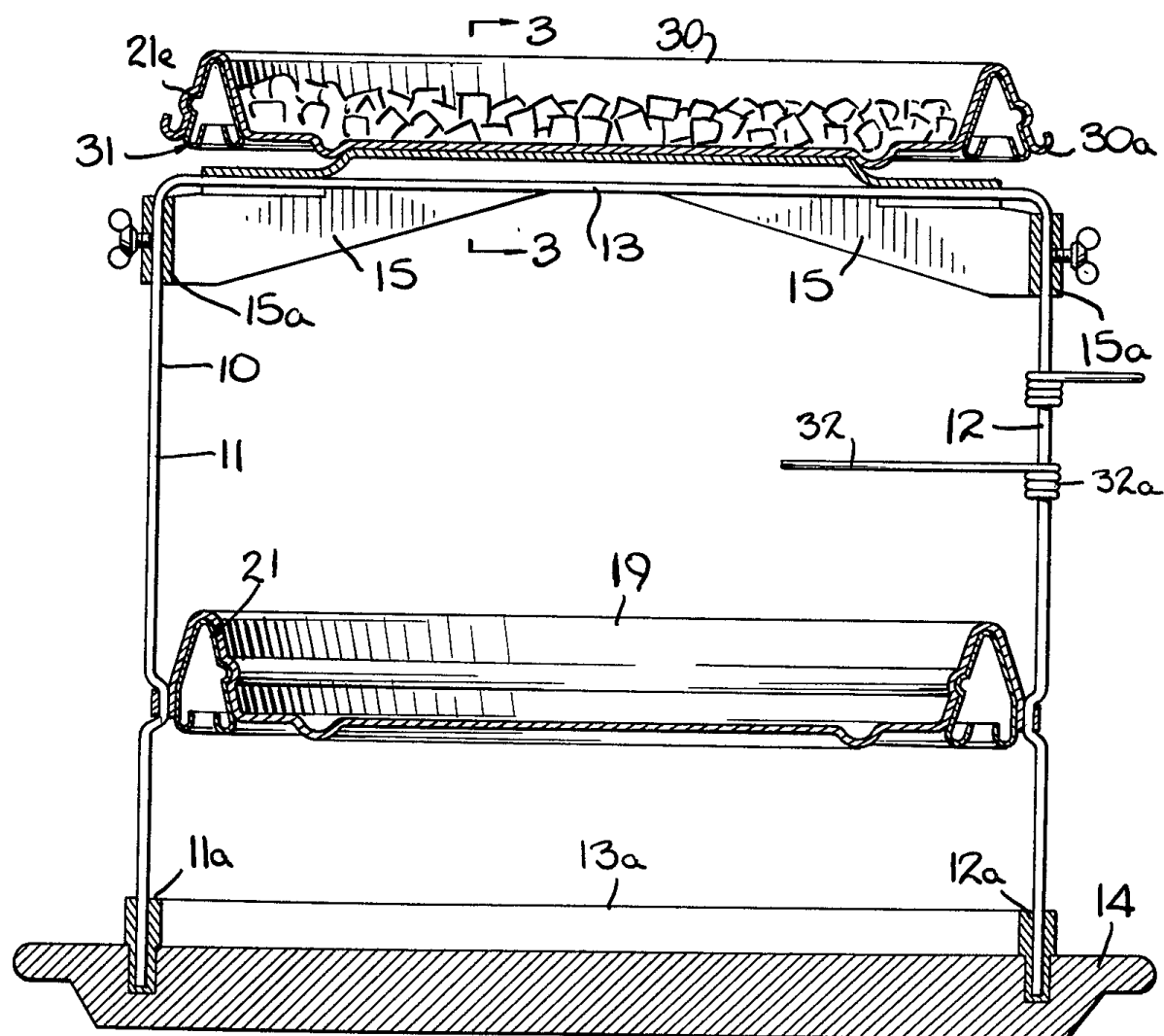
Family 90/100 - FAMPAT - ©Questel

Title

(US3195510)

Insect protected bird and animal feeder

Images



INVENTOR.

Albert A. Bernstein

Publication numbers with kind code & date

US3195510

A

1965-07-20

US3195510



Inventors

BERUSTEIN ALBERT A

Family 91/100 - FAMPAT - ©Questel

Title

(EP-813821)

Processed fish meat and process for producing said fish meat

Publication numbers with kind code & date

NO320165	B1	2005-11-07	NO-320165			
DE69632579	D1	2004-07-01	DE69632579			
EP0813821	B1	2004-05-26	EP-813821			
CN1112129	C	2003-06-25	CN1112129C			
CA2206490	C	2001-06-19	CA2206490			
KR100226098	B1	1999-10-15	KR100226098			
US5965191	A	1999-10-12	US5965191			
NZ302388	A	1999-02-25	NZ-302388			
JP2829312	B2	1998-11-25	JP2829312			
AR003739	A1	1998-09-09	AR---3739			
EP0813821	A4	1998-04-22	EP-813821			
KR19987000016	A	1998-03-30	KR19987000016			
CN1174495	A	1998-02-25	CN1174495			
EP0813821	A1	1997-12-29	EP-813821			
NO972107	L	1997-11-05	NO-972107			
NO972107	D0	1997-05-07	NO9702107			
AU4843396	A	1996-09-23	AU9648433			
CA2206490	A1	1996-09-12	CA2206490			
WO96/27300	A1	1996-09-12	WO9627300			

Abstract

(EP0813821)

A processed fish meat which has a strong thermal binding property and an elasticity, can be freely processed, scarcely suffers from deterioration or outflow of low-molecular-weight nutrients (drips, etc.), and has a high nutritive value with the use of these nutrients in a high yield. The processed fish meat comprises, per 100 parts by weight of a round or chunk of fish meat or fish meat pieces, from 0.2 to 4 parts by weight (on a dry basis) of salts added in the form of a 1.5 to 7 mol solution in water or drips and from 0.1 to 2.7 parts by weight (on a dry basis) of alkaline agents added in the form of a 0.3 to 3 mol solution in water or drips.

Inventors

KATAYAMA HIROSHI

KATAYAMA TARO

Latest standardized assignees - inventors removed

KATAYAMA

Family 92/100 - FAMPAT - ©Questel

Title

(EP2289330)

Microbicidal composition

Images

$$Q_a/Q_A + Q_b/Q_B = \text{Synergy Index ("SI")}$$

Publication numbers with kind code & date

BRPI0504788	B1	2018-11-21	BR200504788				
BRPI0504788	A2	2018-08-21	BRPI0504788				
EP1820398	B1	2016-08-24	EP1820398				
EP2311320	B1	2016-05-04	EP2311320				

BR122014003818	B1	2015-09-01	BR122014003818
BR122014003818	A2	2014-10-21	BR122014003818
TWI435696	B	2014-05-01	TWI435696
TWI433650	B	2014-04-11	TWI433650
ES2451001	T3	2014-03-26	ES2451001
ES2451002	T3	2014-03-26	ES2451002
ES2450691	T3	2014-03-25	ES2450691
ES2450761	T3	2014-03-25	ES2450761
ES2450890	T3	2014-03-25	ES2450890
ES2450440	T3	2014-03-24	ES2450440
TWI429398	B	2014-03-11	TWI429398
TWI422330	B	2014-01-11	TWI422330
TWI422331	B	2014-01-11	TWI422331
TWI422332	B	2014-01-11	TWI422332
EP1820399	B1	2013-12-25	EP1820399
EP2289327	B1	2013-12-25	EP2289327
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EP1665933	A3	2006-08-16	EP1665933				
ZA200508883	B	2006-07-26	ZA200508883				
TW200621242	A	2006-07-01	TW200621242				
BRPI0504788	A	2006-06-27	BR200504788				
JP2006143719	A	2006-06-08	JP2006143719				
EP1665933	A2	2006-06-07	EP1665933				
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CN1775025	A	2006-05-24	CN1775025				
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MXPA05012128	A	2006-05-18	MX2005PA012128				
US20060106024	A1	2006-05-18	US20060106024				
BRPI0504788	A1	2006-01-10	BR200504788				

Abstract

(EP2289330)

A microbicidal composition containing: (a) 1,2-benzisothiazolin-3-one; and (b) sodium hydroxymethylglycinate.

Inventors

LEVY RICHARD

DIEHL MEGAN ANNE

SHAW DOLORES ANN

WARWICK EILEEN FLECK

Latest standardized assignees - inventors removed

ROHM & HAAS

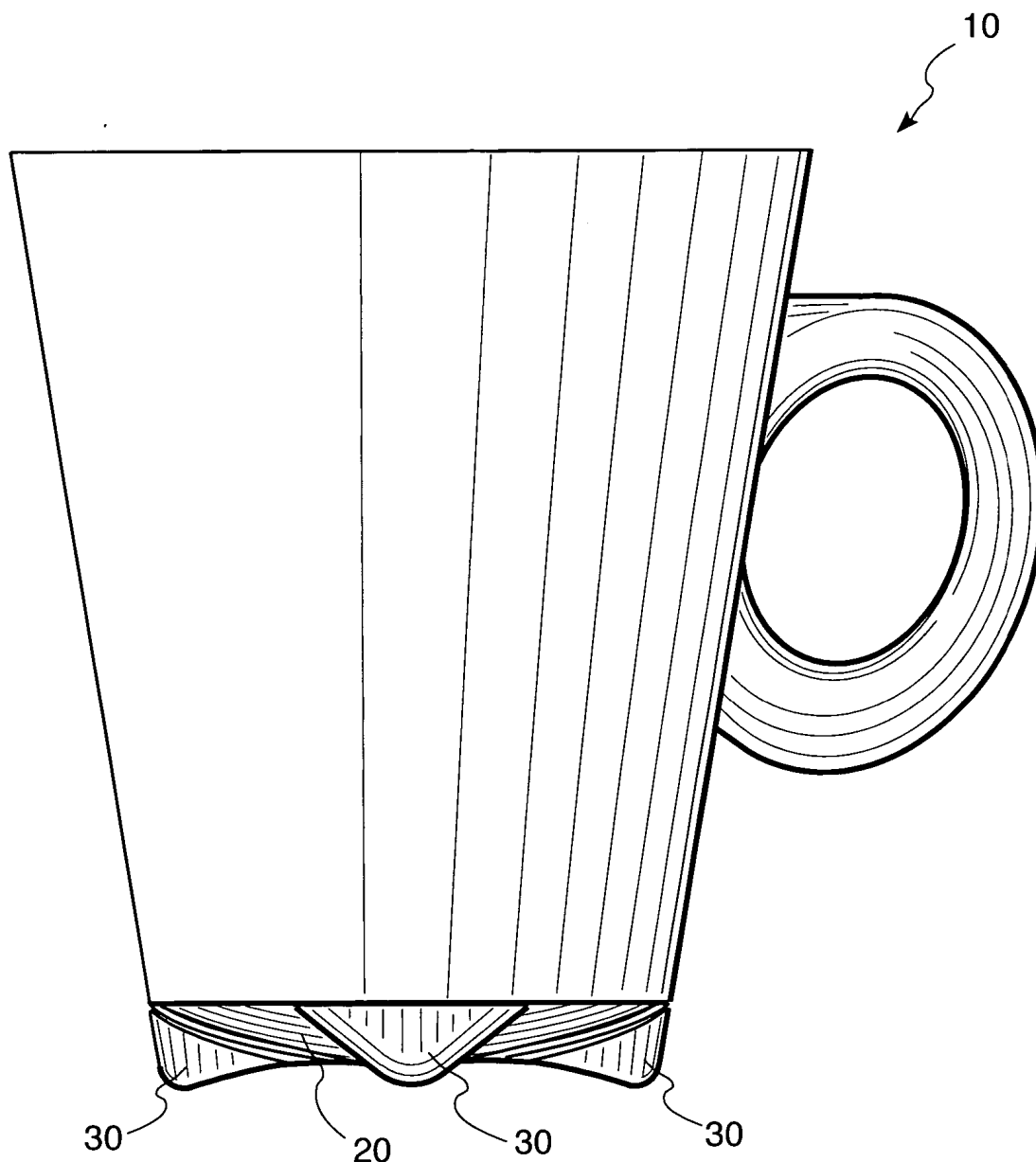
Family 93/100 - FAMPAT - ©Questel

Title

(US20060118560)

Water shedding designs for receptacle bottoms

Images

**Publication numbers with kind code & date**[US20080110903](#) A1 2008-05-15 US20080110903[US20060118560](#) A1 2006-06-08 US20060118560**Abstract**

(US20060118560)

A design for water shedding receptacle bottoms is presented in this invention. For ease in understanding, the specific case of a water shedding mug is presented and described in detail. The mug is designed such that water will run off the bottom of the mug when it is inverted in a dishwasher. The design is comprised of a convex bottom with equally spaced feet around the periphery of the bottom of the mug. The convex bottom and feet combine to form flow channels through which water will flow via normal gravitational forces when the mug is inverted in a dishwasher.

Inventors

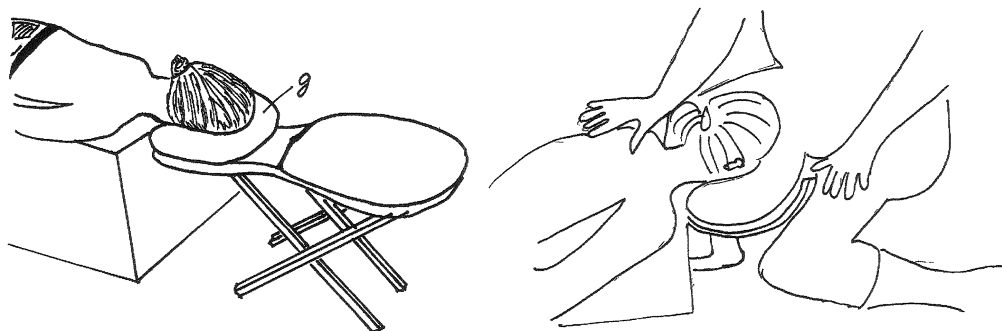
SCHUR WARREN M

Family 94/100 - FAMPAT - ©Questel

Title

(WO201320623)

Treatment device

Images**Publication numbers with kind code & date**

US9072642	B2	2015-07-07	US9072642
US20140289966	A1	2014-10-02	US20140289966
WO2013/020623	A1	2013-02-14	WO201320623
DE202011104239	U1	2011-12-15	DE202011104239

**Abstract**

(WO2013/020623)

The invention relates to a treatment device (1), particularly for use in massage treatment, cosmetic treatment or wellness treatment, with a plate element (3) which has a seat surface (5), a support area (7) and a support part (9), wherein, in a use position of the treatment device (1), a user sits on the seat surface (3) and a body part of a person being treated rests on the support part (9).

Inventors

MILLER CORNELIA

Latest standardized assignees - inventors removed

MILLER CORNELIA

Family 95/100 - FAMPAT - ©Questel

Title

(WO201959844)

Dish washing apparatus and dish drying apprartus

Images

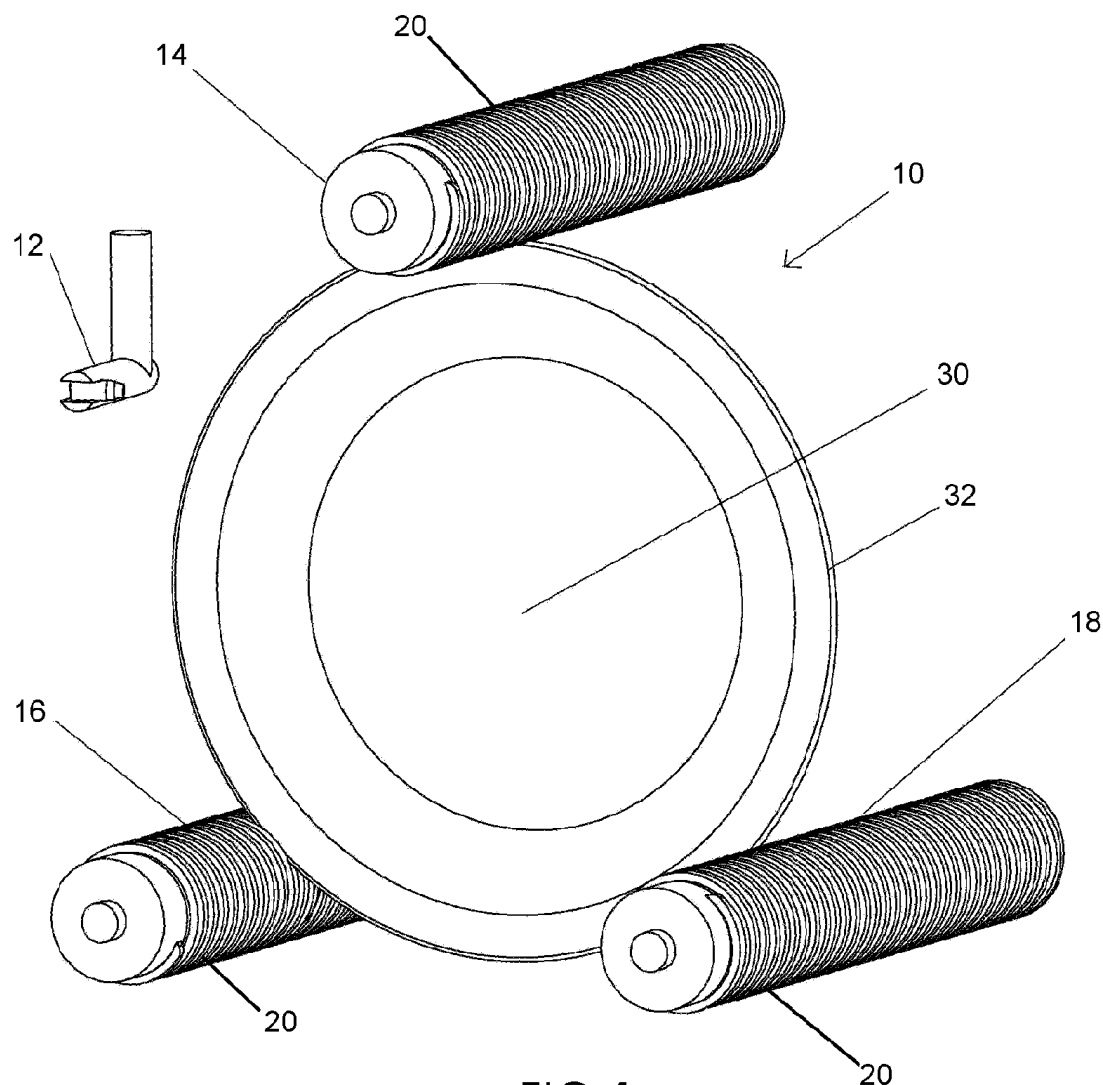


FIG 1

Publication numbers with kind code & date

SG10201707766S	A	2019-04-29	SG10201707766S
WO2019/059844	A1	2019-03-28	WO201959844

**Abstract**

(WO2019/059844)

A dishwashing apparatus for washing dishes having a circular rim or lip is disclosed. The apparatus comprises a spray nozzle configured to spray a liquid onto a target zone; a first rod; a second rod; and a third rod; the first rod, second rod and third rod each having a screw thread on an outer surface and each being rotatable about a respective longitudinal axis; the first rod, second rod and third rod being arranged in a parallel configuration, at equal distances from a central axis, wherein the separation of each of the first rod, second rod and third rod from the central axis is configured or configurable to receive a plurality of dishes such that the screw thread on each of the rods engages with the circular rim or lip of the dishes and when the rods are rotated about their respective axes, the dishes are caused to move relative to the spray nozzle in the direction of the central axis and rotate as they pass through the target zone. A dish drying apparatus having an analogous arrangement of rods is also disclosed.

Inventors

ANG TEOH HWA

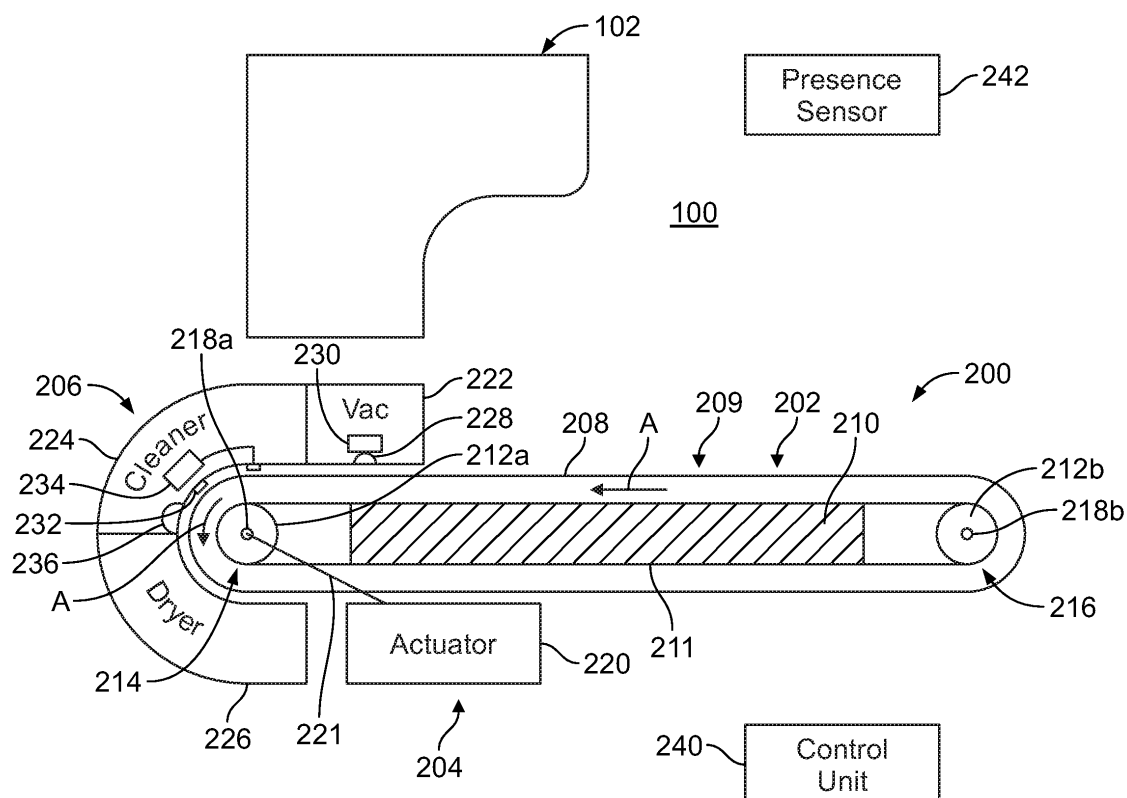
Latest standardized assignees - inventors removed

BLOSH

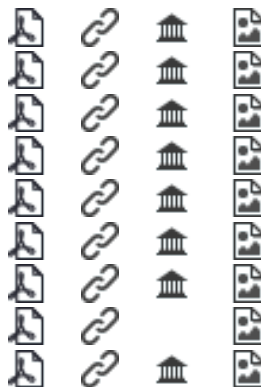
Title

(US10407887)

Systems and methods for automatically cleaning a lavatory floor

Images**Publication numbers with kind code & date**

US10407887	B2	2019-09-10	US10407887
BR102017006344	A2	2017-12-19	BR102017006344
JP2017214053	A	2017-12-07	JP2017214053
CN107284647	A	2017-10-24	CN107284647
GB2549191	A	2017-10-11	GB2549191
US20170284076	A1	2017-10-05	US20170284076
CA2960113	A1	2017-09-30	CA2960113
GB201703788	D0	2017-04-26	GB201703788
BR102017006344	A1	2017-04-18	BR102017006344

**Abstract**

(US20170284076)

A self-cleaning floor assembly is configured to form or be positioned on a floor of an enclosed space. The self-cleaning floor assembly includes a moveable floor including a moveable floor panel, an actuation system that is operatively coupled to the floor panel, and a cleaning system proximate to at least a portion of the moveable floor. The actuation system is configured to move at least a portion of the floor panel into and through the cleaning system during a cleaning cycle. The cleaning system is configured to clean the portion(s) of the floor panel during the cleaning cycle.

Inventors

JENSEN CHARLES C

Latest standardized assignees - inventors removed

BOEING

Family 97/100 - FAMPAT - ©Questel

Title

(EP2840112)

Stabilized polymer compositions and methods of making same

Images

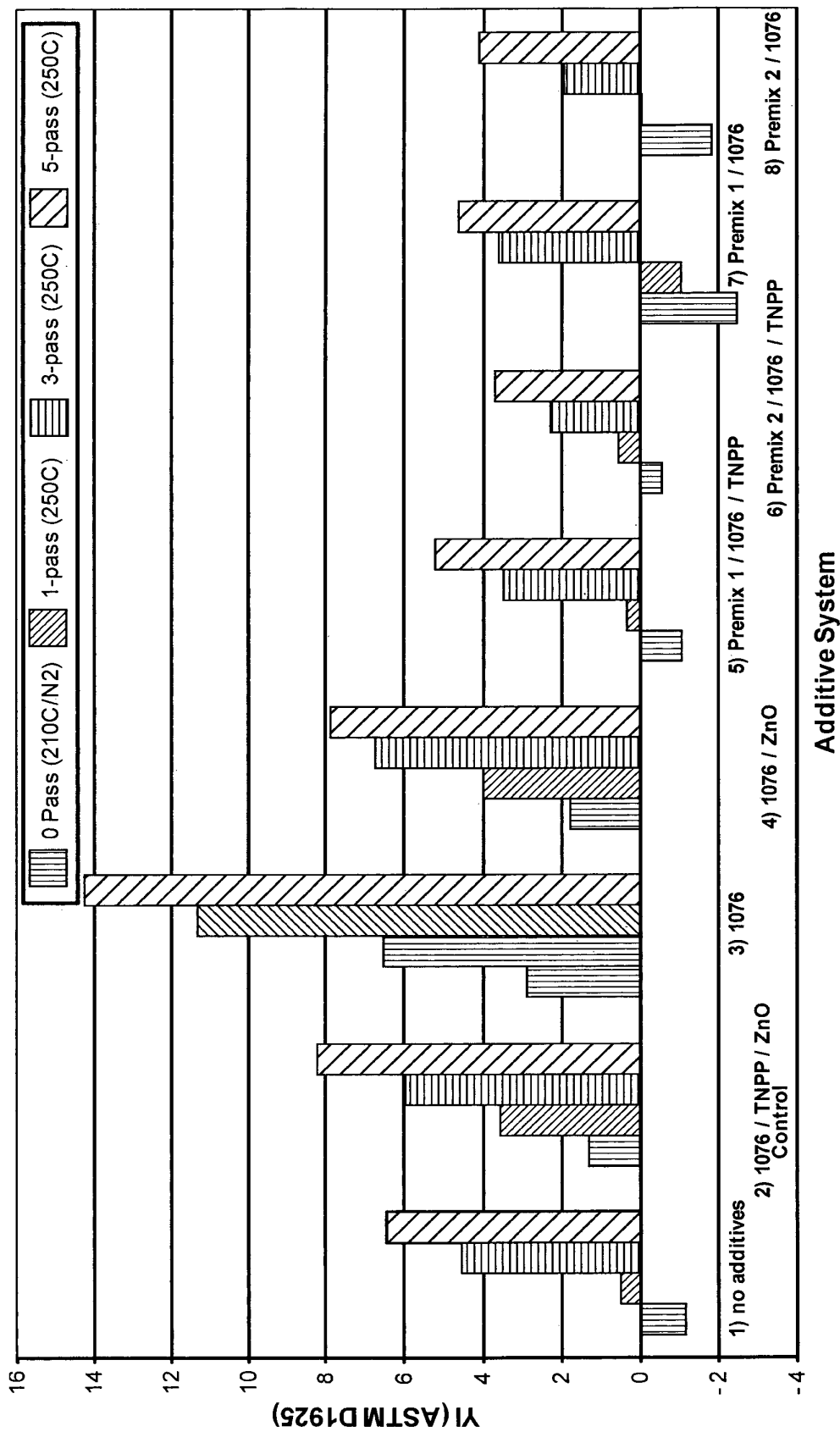


FIG. 1

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IN7983/DELNP/2015	A	2016-04-29	IN2015DN07983				
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SG11201507158W	A	2015-10-29	SG11201507158W				
EP2840112	A1	2015-02-25	EP2840112				
CA2904201	A1	2014-09-18	CA2904201				
WO2014/140383	A1	2014-09-18	WO2014140383				

Abstract

(EP2840112)

The invention relates to stabilizer compositions for polymers such as polyolefin polymers. The stabilizer compositions include an antacid, an organic acid- metal salt, and a primary oxidant such as a sterically-hindered phenolic compound, a sterically-hindered amine compound, a hydroxylamine compound, and combinations thereof. The invention also relates to a method for the preparation of the stabilized polymer compositions provided by the use thereof.

Inventors

TORCHIA STEVEN ROBERT

HUDSON RICH

ROMANOVA TATIANA

Latest standardized assignees - inventors removed

BÄRLOCHER

Family 98/100 - FAMPAT - ©Questel

Title

(US20170283092)

Systems and methods for cleaning interior portions of a vehicle

Images

[BR102017006309](#)

A1 2017-04-18 BR102017006309

Abstract

(US20170283092)

A vehicle includes an internal cabin, and an autonomous cleaning system located within an interior chamber of the internal cabin. The autonomous cleaning system includes a cleaning robot configured to clean a portion of the interior chamber.

Inventors

BROWN DOUGLAS ALAN

HILLS KAREN L

Latest standardized assignees - inventors removed

BOEING

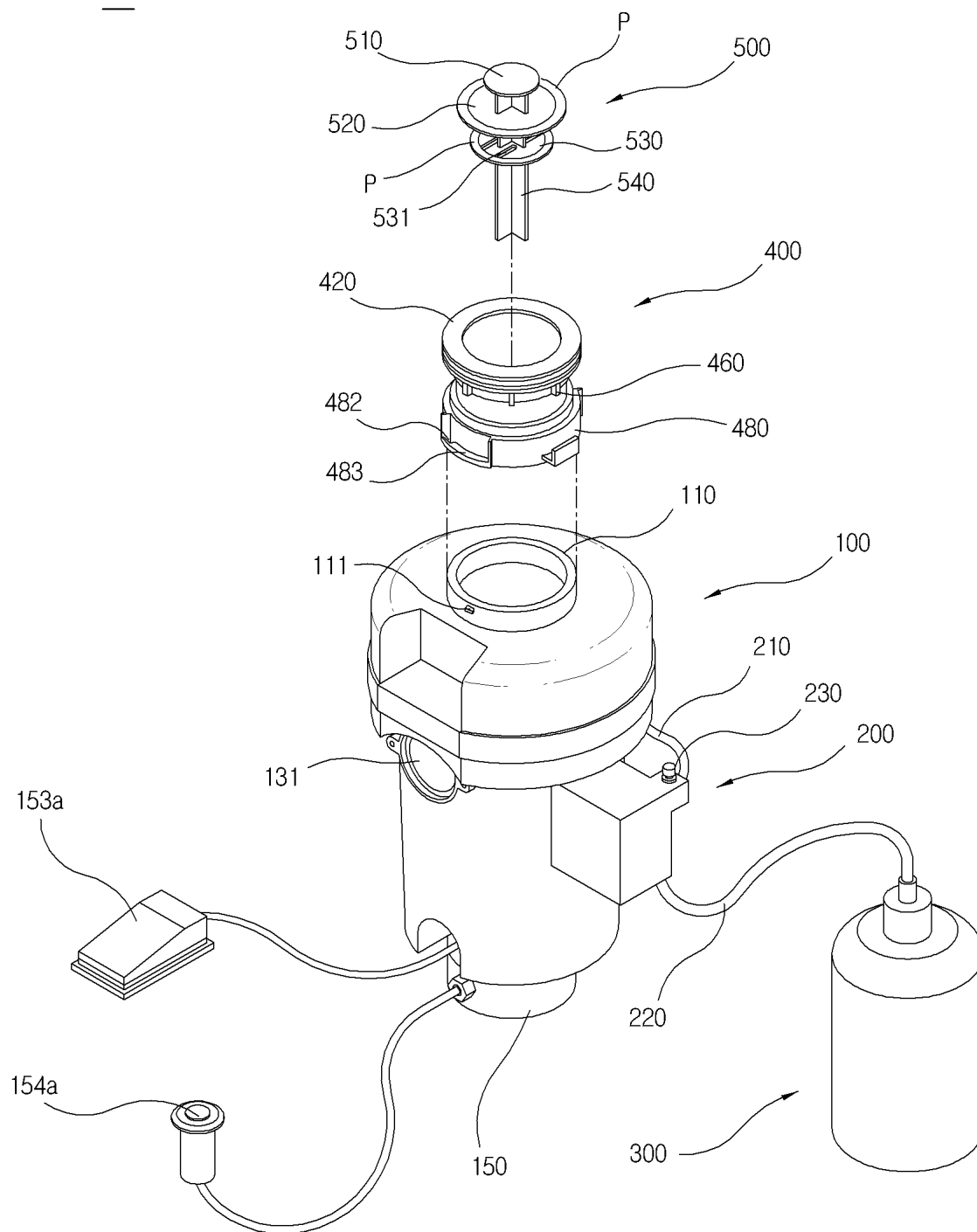
Family 99/100 - FAMPAT - ©Questel

Title

(KR101074349)

Food waste treatment device using ermentation microbe inoculation decomposition, which can be attached to a sink

Images

1**Publication numbers with kind code & date**[KR101074349](#)

B1 2011-10-17 KR101074349

**Abstract**

(KR101074349)

PURPOSE: A food waste treatment device using fermentation microbe inoculation decomposition is provided to reduce noise and vibration and to reduce food waste treating time using fermentation microbe inoculation decomposition.

CONSTITUTION: A food waste treatment device using fermentation microbe inoculation decomposition comprises a processor body, a microbe feeder(200), a microbe reservoir(300), a mounting unit(400), and an input interrupter(500). The microbe feeder is combined in one side of the body. The microbe reservoir supplies microbe to the microbe feeder. The input interrupter restricts the input of food.

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Inventors

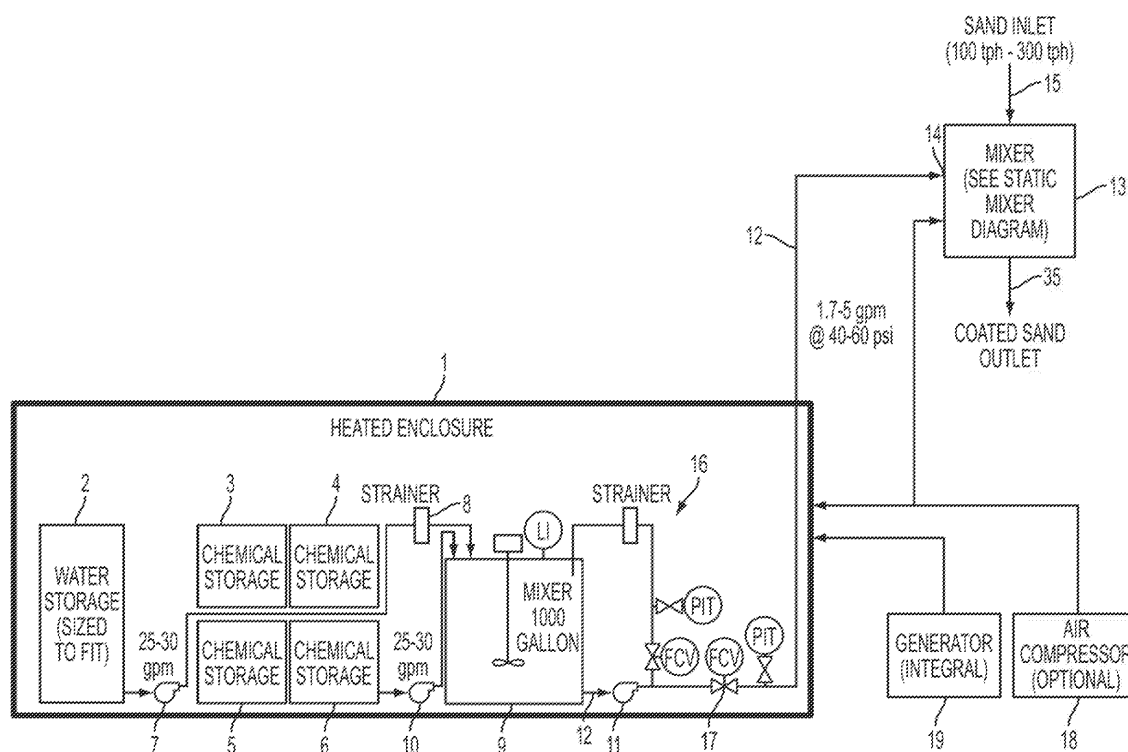
OM, MAN-YONG

Family 100/100 - FAMPAT - ©Questel

Title

(US20180134949)

Hydrophobic Coating of Particulates for Enhanced Well Productivity

Images**Publication numbers with kind code & date**

US20180134949 A1 2018-05-17 US20180134949

**Abstract**

(US20180134949)

Compositions and methods for coated or uncoated particulates, such as proppants, are provided that can, among other things, provide a hydrophobic surface that can enhance well productivity and other compositions and methods are disclosed.

Inventors

MONASTIRIOTIS SPYRIDON
 LEGEMAH MAGNUS UFUMWEN
 SANGHRAJKA NEOMI NISHITH
 HADDOCK ANTHONY PAUL

Latest standardized assignees - inventors removed

PREFERRED TECHNOLOGY