

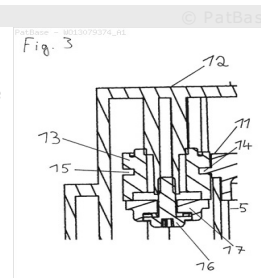
1) Family number: 53860006 (WO13079374A1)

PROCESSING ATTACHMENT FOR AN ELECTRICALLY OPERABLE KITCHEN DEVICE, AND KITCHEN DEVICE

Abstract: For a processing attachment (1) for a kitchen device, which processing attachment has a transmission (5), the transmission (5) is mechanically decoupled from the attachment housing (12). The invention further relates to a kitchen device having such a processing attachment. The processing attachment (1) according to the invention can have the advantage that vibrations of the transmission (5) cannot be transmitted to the attachment housing (12) or can be transmitted only to a reduced extent.

Probable Assignee: BSH HAUSGERAETE GMBH

Earliest Publication Date: 20130529



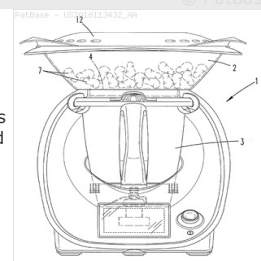
2) Family number: 62182009 (US2016113432A)

COOKING ATTACHMENT FOR A HEATABLE JAR OF A FOOD PROCESSOR

Abstract: Source: US2016113432A The invention relates to a cooking attachment (2) for a heatable vessel (3) of a kitchen appliance, which cooking attachment (2) has a bottom (4) comprising at least one bottom opening (5), through which steam, which escapes from the vessel (3), can enter the cooking attachment (2) and/or condensate, which escapes from the cooking attachment (2), can enter the vessel (3). To attain a more homogenous and quicker cooking of the food contained in the cooking attachment (2), it is proposed for the bottom (4) to have a plurality of spacers (6), which stick out from the bottom (4), for keeping a food contained in the cooking attachment (2) at a distance from the bottom opening (5), on the side, which faces the interior of the cooking attachment (2), wherein the bottom opening (5) is at least partially surrounded by the spacers (6) in circumferential direction.

Probable Assignee: VORWERK AND CO INTERHOLDING GMBH

Earliest Publication Date: 20160428



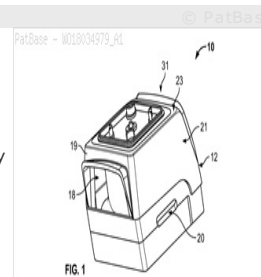
3) Family number: 68641020 (WO18034979A1)

SOUND REDUCING AIRFLOW SYSTEM FOR A BLENDER SYSTEM

Abstract: A blender system is shown and described herein. In one aspect, the blender system includes a base with an interior and an exterior formed by a housing. The housing may include an air inlet port and an exhaust port. The interior of the base includes a motor bore forming an air pathway connecting the air inlet port to the exhaust port. The motor bore also includes an entry aperture fluidly connecting the motor bore to the air inlet port. The entry aperture is indirectly in line with the air inlet port. The exit aperture fluidly connects the motor bore to the exhaust port, and the exit aperture is indirectly in line with the exhaust port.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20180222



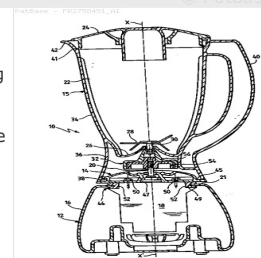
4) Family number: 14278028 (FR2758451A)

DOMESTIC FOOD PROCESSOR WITH MOTOR IN BASE AND REMOVABLE BOWL

Abstract: The domestic appliance has a an electric drive motor (18) in its base (16), with the motor shaft (20) projecting vertically upward from the base. The working bowl (22) of the food processor fits removably on top of the base and a vertical shaft (30) emerging from the bottom of the bowl. The working tool for the food processor is driven by this shaft, which couples coaxially with the motor shaft. The motor is suspended under the plate (14) at the top of the base unit. The plate provides a lock for the bottom of the bowl, and is itself supported on a damper (44) attached to the top of the base unit.

Probable Assignee: MOULINEX SA

Earliest Publication Date: 19980724



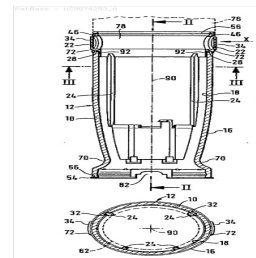
5) Family number: 14834038 (US5574253A)

HOUSING FOR AN ELECTRICALLY POWERED APPLIANCE FOR PERSONAL USE

Abstract: Source: US5574253A A housing of a hand-held blender includes a wall fabricated from a first plastic material having at least one outer surface. The housing is further provided in at least one area with at least one second plastic material whose hardness is lower than the hardness of the first plastic material. The second plastic material is molded onto the inner surface of the wall by injection molding, such that a first area of the at least one area projects from the inner surface of the wall at least in individual sections, forming bearing areas. These bearing areas serve as supports for drive, control and switching devices. With this arrangement, the housing affords particular ease of manufacture while at the same time performing a damping function, improving the manipulation and reducing the noise level of a hand-held mixer while in operation.

Probable Assignee: BRAUN GMBH

Earliest Publication Date: 19950824



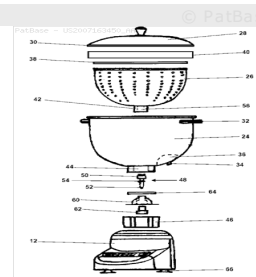
6) Family number: 34889046 (US2007163450A)

CENTRIFUGAL FOOD DEGREASER

Abstract: Source: US2007163450A An apparatus for use with a food processor base and a method for using the same. The food processor base includes a seat, a drive shaft and a motor. The drive shaft is rotated by the motor. The apparatus includes an outer bowl, a cover for the outer bowl, and a perforated inner bowl. The outer bowl may include a connector for being seated on the seat of the food processor base. The inner bowl is positioned within the outer bowl and is connectable to the drive shaft of the food processor base for rotation of the inner perforated bowl within the outer bowl. The inner perforated bowl has a one to one rotation with the drive shaft.

Probable Assignee: INNOVATIVE PRODUCTS FOR LIFE INC

Earliest Publication Date: 20070719



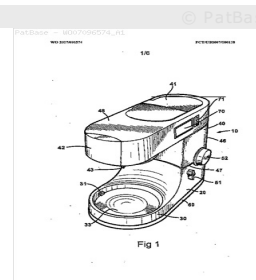
7) Family number: 32884062 (WO07096574A1)

FOOD PREPARATION ARRANGEMENTS

Abstract: A food preparation arrangement is described, comprising a kitchen appliance (10,110) having an electric motor housed within a casing, a support location (30,130,140) for a receptacle having a processing tool for processing ingredients in the receptacle, and a motor-driven driver to activate the processing tool when the receptacle is supported at the support location (30,130,140). The arrangement further comprises a weighing device (60,150,180) dimensioned and configured to fit beneath and support the kitchen appliance (10,110) and to generate electrical signals, representing the weight of the ingredients, and a transmission link over which the electrical signals can be conveyed to the appliance (10,110), enabling the weight of the ingredients to be shown on a display device (70,122,190) provided on the appliance (10,110). The transmission link may include a direct electrical connection, such as a plug-and- socket connection, or a contactless link, comprising one or more of: a radio-frequency (RF) link; an infra-red (IR) or other optical link; or a Bluetooth connection.

Probable Assignee: KENWOOD LTD

Earliest Publication Date: 20070829



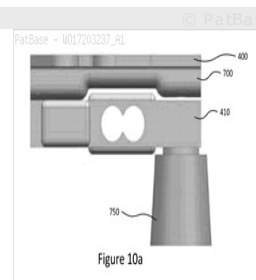
8) Family number: 62996110 (WO17203237A1)

KITCHEN APPLIANCE AND APPARATUS THEREFOR

Abstract: 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.

Probable Assignee: KENWOOD LTD

Earliest Publication Date: 20171129



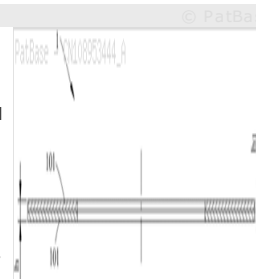
9) Family number: 72270131 (CN108953444A)

ANTI-VIBRATION PAD, MACHINE BASE MODULE AND FOOD PROCESSOR

Abstract: Source: CN108953444A The invention is suitable for the field of domestic appliance and discloses an anti-vibration pad, a machine base module and a food processor. The anti-vibration pad is used between a motor support and a machine base body of the food processor and comprises at least two sub-anti-vibration pads which are stacked together, wherein the shore hardnesses of the sub-anti-vibrations are the same, and the sub-anti-vibration pads are all made of damping rubber with damping coefficients being 0.1-0.5. According to the anti-vibration pad, the machine base module and the food processor, due to the fact that the anti-vibration pad is arranged into a multi-layer anti-vibration structure formed by at least two sub-anti-vibration pads, the shore hardnesses of the sub-anti-vibration pads are the same, and meanwhile the sub-anti-vibration pads are made of the damping rubber, in this way, damping layers formed by the sub-anti-vibration pads are relatively thin, distribution is relatively uniform, each damping layer can be sufficiently subjected to force to deform, and therefore the bending modal loss factor of the anti-vibration pad is increased, and the vibration and noise reduction effects of the anti-vibration pad can be effectively improved.

Probable Assignee: FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MFG CO LTD

Earliest Publication Date: 20181207



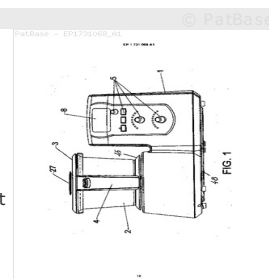
10) Family number: 33990141 (EP1731068A1)

COCKING MIXER FOR PROCESSING AND PREPARING FOOD

Abstract: Source: EP1731068A1 It comprises a base structure (48) on which is mounted a support (49) adapted to hold a container (2) that contains the food to be processed, with said container (2) having a ferromagnetic portion (22). motorised driving means are adapted to rotate means of stirrers or blades (10) inside said container (2). An induction heater device (6) is mounted on said base structure (48), separated from the support (49) and arranged at a predetermined distance from said ferromagnetic portion (22) of the container (2). weighing means are mounted on said support (48) and connected to said support (49) in order to weigh the container (2) when it is on the support (49), so that the induction heater device (6) is excluded from the weighing operation.

Probable Assignee: ELECTRODOMESTICOS TAURUS SL

Earliest Publication Date: 20061213



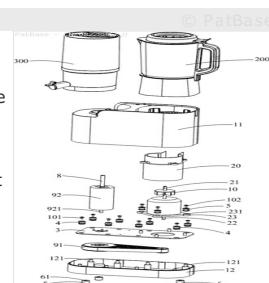
11) Family number: 72402164 (CN208228867U)

MACHINE BASE ASSEMBLY AND FOOD PROCESSOR

Abstract: Source: CN208228867U The utility model is suitable for a living electric apparatus field discloses machine base assembly and food processor, and wherein, machine base assembly includes motor shell and install the motor in motor shell, and the motor has along reverse last output shaft that sets up of vertical direction and output shaft down, and still including locating motor shell interior installing support and firstdamping pad, the motor passes through the installing support to be installed in motor shell machine base assembly, and first damping pad is located between installing support and the motor shell. Theutility model discloses an it realizes that the installation of motor in motor shell is fixed to set up an installing support in motor shell to can be convenient for through the installation requirements of nimble design in order to satisfy different motors and motor shell of installing support. Simultaneously it is through setting up first damping pads between installing support and motor shell,like this, and reducible vibration of transmitting motor shell from the motor, and then effectively reduced food processor and at operating vibration and noise, do benefit to the travelling comfort that the improvement user used the product.

Probable Assignee: GUANGDONG MIDEA DOMESTIC ELECTRICAL APPLIANCE MFG CO LTD

Earliest Publication Date: 20181214



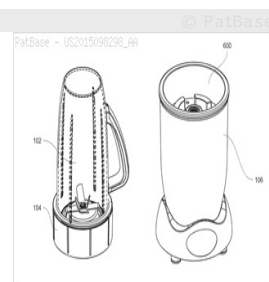
12) Family number: 58902175 (US2015098298A)

BLENDER

Abstract: Source: US2015098298A A food-processing device for blending and mixing food comprises a mixing vessel, a blade holder, and a motor base. The motor is a high power motor. The device has various safety features designed for the high power motor. The blade holder comprises a safety mechanism that prevents the motor base from operating without the mixing vessel covering the blade. The mixing vessel also contains emitters that interact with detectors on the motor base that can allow a user to select an alternate blend speed according to the mixing vessel that is attached.

Probable Assignee: HOMELAND HOUSEWARES LLC

Earliest Publication Date: 20150409



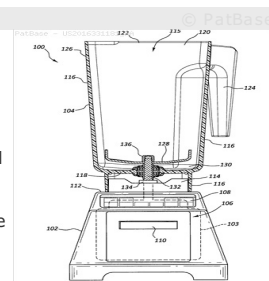
13) Family number: 63986220 (US2016331181A)

BLENDING SYSTEMS AND METHODS WITH BLADE ASSEMBLY DAMPENING

Abstract: Source: US2016331181A Blender and food processing devices are described that dampen impact forces between a blending blade and a blending jar. An example blender includes a blender base and a blending jar that has a seal opening. A blending blade assembly in the jar includes a blending blade, a jar shaft attached to the blending blade and extending through the seal opening, a circular motion guide positioned around the jar shaft, and a jar seal positioned between the circular motion guide and the seal opening. The jar seal prevents contact between the circular motion guide and the seal opening and dampens forces induced by relative motion between the seal opening and the blending blade, jar shaft, and/or circular motion guide. A motor in the blender base drives the jar shaft to rotate the blending blade in the blending jar. The dampening may reduce wear or damage to the jar and may improve quality of the blending jar and blade assembly.

Probable Assignee: BLENDTEC INC

Earliest Publication Date: 20161117



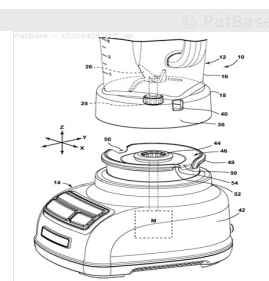
14) Family number: 57309239 (US2014247685A)

FOOD PROCESSING DEVICE JAR LOCK

Abstract: Source: US2014247685A A food processing machine having a base and a cylindrical jar lock extending upwardly from a top surface of the base. A jar assembly has a jar and a collar that extends downwardly from the jar. The collar is adapted to fit circumferentially around the cylindrical jar lock. A plurality of locking tabs extend radially inwardly from the collar. The locking tabs engage with the cylindrical jar lock and prevent vertical movement of the jar while allowing rotational movement of the jar and linear movement of the jar with respect to the base in the xy-plane. The cylindrical jar lock is optionally spring-mounted to the base to provide dampened movement in the vertical direction of the cylindrical jar lock with respect to the base.

Probable Assignee: WHIRLPOOL CORP

Earliest Publication Date: 20140903



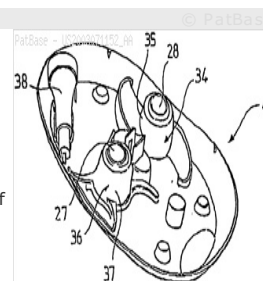
15) Family number: 30118246 (US2003071152A)

BASE FOR STORING AN ELECTRICAL FOOD PROCESSOR ACCESORIES

Abstract: Source: US2003071152A The invention concerns a box for storing the working accessories of an electrical food processor, comprising a base (3) including a lower resting surface and a lid including an upper surface designed to receive an electrical food processor. The invention is characterised in that an inner surface (38) of the base (3), respectively an inner surface of the lid, comprises at least a configuration (43, 44, 53, 61) whereon are arranged non-peripheral support means (45, 46, 54, 62) designed to co-operate with an inner surface of the lid or with non-peripheral support means complementarily arranged on a configuration of the lid inner surface, respectively with an inner surface of the base, when the lid closes the base.

Probable Assignee: SEB SA

Earliest Publication Date: 20010503



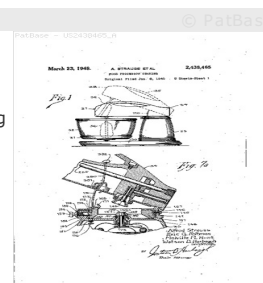
16) Family number: 22506274 (US2438465A)

FOOD PROCESSOR GEARING

Abstract: Source: US2438465A 1. A motor driven beater' construction for a food 'mixer including a motor casing, a universal Joint element carried upon a shaft Journaled with respect to the casing, a gear housing for rotatably supporting a driven shaft, means detachably and pivotally mounting the housing upon the casing for movement with respect thereto about the axis of said universal Joint element to pennit horizontal movement of the driven shaft during driving-operation thereof, a second universal Joint element carried by the housing and mating with thenrst universal joint element in dlsengageable drive relationship, and a handle on the gear housing for manipulating .and removing the gear housing from the casing. ' »

Probable Assignee: A F DORMEYER MFG CO

Earliest Publication Date: 19420331



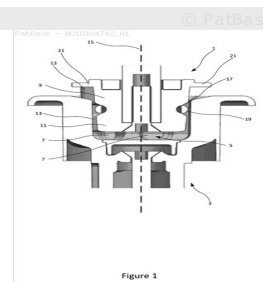
17) Family number: 65158284 (WO18104742A1)

DRIVE COUPLING

Abstract: A detachable drive coupling for a food processor comprising: a male coupling member (1) and a female coupling member (3) provided respectively on detachable components of the food processor, the coupling members (1, 3) comprising cooperating engagement elements for transmitting drive; and a resilient member (19) arranged to be located in a radial gap between the male and female coupling members when coupled together.

Probable Assignee: KENWOOD LTD

Earliest Publication Date: 20180614



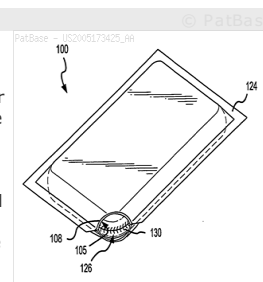
18) Family number: 47490290 (US2005173425A)

INSULATING MICROWAVE INTERACTIVE PACKAGING

Abstract: Source: US2005173425A The combination of insulating material with microwave interactive food packaging for enhanced cooking properties is disclosed. An insulating microwave packaging material (200) and a method of making the same are also disclosed. In one embodiment, the insulating microwave packaging material (200) is formed by bonding a microwave interactive material substrate (205) that creates sensible heat upon exposure to microwave energy to a second substrate (210) along bond lines (212) arranged in a pattern to form closed cells (214). Upon impingement of the insulating microwave packaging material (200) by microwave energy in a microwave oven, the closed cells (214) expand to form insulating pockets (216). One side of the insulating pocket (216) bulges and lofts above the opposite side. When a food product is situated on the insulating microwave packaging material (200), the insulating pockets (216) insulate the food product from the microwave oven environment.

Probable Assignee: GRAPHIC PACKAGING INT INC

Earliest Publication Date: 20030814



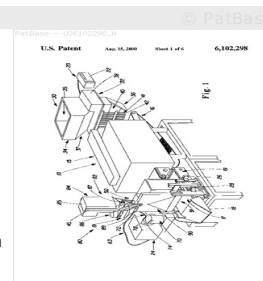
19) Family number: 20689340 (US6102298A)

ULTRASONIC SPRAY COATING APPLICATION SYSTEM

Abstract: Source: US6102298A An ultrasonic atomizer is provided including an ultrasonic vibrator, a reservoir, and a heat exchanger. The ultrasonic vibrator is connected to an amplifying section. The amplifying section has an exterior surface and a tip thereon. The amplifying section can be elongated and the amplifying section can be inclined at an angle that is preferably between about 5 DEG to 10 DEG from horizontal. The reservoir is in fluid communication with the exterior surface of the amplifying section. The reservoir contains a liquid. A pump can be located between the reservoir and the exterior surface of the amplifying section in order to assure a liquid flow rate of between about 10 to about 30 ml/min. The heat exchanger is provided in order to control the temperature and viscosity of the liquid. The liquid is directed to flow from the reservoir and over the exterior surface of the amplifying section to the tip. A feed tube having a dispensing end can be provided. The feed tube is located between the reservoir and the exterior surface of the amplifying section in order for the liquid to be dispensed from the dispensing end onto the exterior surface. Preferably, the feed tube passes through the heat exchanger prior to the liquid flowing over the amplifying section. The liquid is propelled from the tip in the form of droplets having a substantially horizontal velocity when the tip is oscillated upon actuation of the ultrasonic vibrator.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 19990826



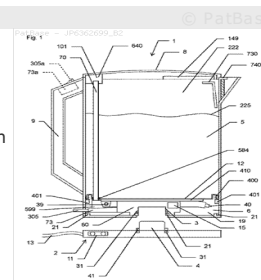
20) Family number: 54994341 (WO15025125A1)

APPLIANCES AND COMPONENTS THEREFOR

Abstract: A valve assembly (640vi) for a liquid heating appliance (1c) comprising a valve (159a) through which steam and/or vapour can pass during normal use, the valve (159a) being arranged to: a. close when the appliance (1c) is tipped over on its side with the liquid level above the valve (159a); and b. open when the appliance (1c) is tipped over on its side with the liquid level below the valve (159a).

Probable Assignee: OTTER CONTROLS LTD

Earliest Publication Date: 20150107



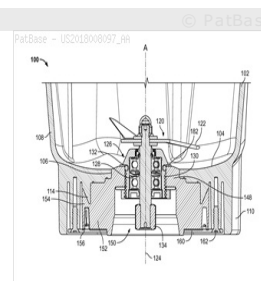
21) Family number: 68162354 (US2018008097A)

PUCK ASSEMBLY FOR A BLENDER CONTAINER

Abstract: Source: US2018008097A A blender container and puck assembly is generally described. The puck assembly may include a retainer nut that affix a blade assembly to the blender container. The puck assembly is not directly fastened to the container. The puck assembly may include an identification tag that interacts with a transponder.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20180111



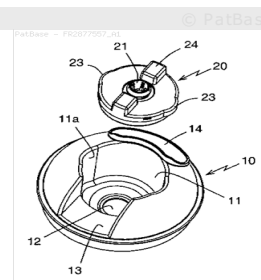
22) Family number: 33006376 (FR2877557B)

COUVERCLE DE FERMETURE D'UN RECIPIENT DE TRAVAIL POUR UN APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE

Abstract: Source: FR2877557B The cover (10) has a body supporting a speed accelerator/reducer module including an output shaft that has a driving axle. The axle drives in rotation a rotating tool disposed in a working container. An input shaft of the module is driven by an electric household appliance. The module is disposed in a detachable module (20) that is disposed in a central cavity (11) formed on the body.

Probable Assignee: SEB SA

Earliest Publication Date: 20060512

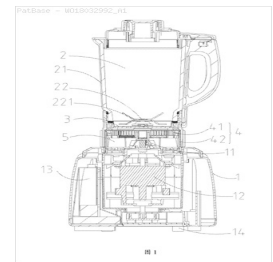


FOOD PROCESSOR

Abstract: A food processor, comprising a main machine (1) and a blending cup assembly (2) provided on the main machine (1). The blending cup assembly (2) comprises a blending cup (21) and a blade assembly (22) partially accommodated in the blending cup (21). A dampening and noise reducing device is provided between the blending cup assembly (2) and the main machine (1). The dampening and noise reducing device may be a dampening pad (5), a spring structure, or other dampening devices. The dampening and noise reducing device can reduce the vibration of the blending cup assembly (2) and the main machine (1) during the high speed rotation of blades (211), while facilitating the reduction of the noise generated by the food processor.

Probable Assignee: GUANGDONG MIDEA DOMESTIC ELECTRICAL APPLIANCE MFG CO LTD

Earliest Publication Date: 20170905



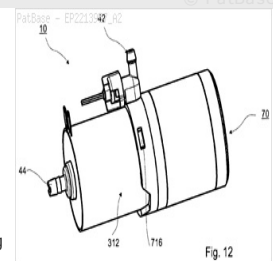
26) Family number: 46416465 (EP2213957A3)

HEAT SYSTEM WITH HEATING UNIT AND INTEGRATED PUMP

Abstract: Source: EP2213957A3 Heizsystem, insbesondere Haushaltsgeraet zur Zubereitung von Heissgetraenken bzw. gebrauchten Nahrungsmitteln aufweisend mindestens ein derartiges Heizsystem, wobei das Heizsystem wenigstens eine Heizeinheit (70) und wenigstens eine antreibbare Pumpe (30) mit einem Pumpengehaeuse (31) aus mindestens zwei Teilen aufweist. Das Pumpengehaeuse (31) besitzt mindestens eine Pumpenwasserzufuhr (44) und eine Pumpenwasserabfuhr (46) und die Heizeinheit (70) in Form eines Durchlauferhitzers mit mindestens einer Heizwasserzufuhr (74) und einer Heizwasserabfuhr (76) bilden ein kompaktes, insbesondere hochdruckfaehiges Heizsystem, indem ein Teil des Pumpengehaeuses (31) gleichzeitig ein Verbindungsteil zum Verbinden der Heizeinheit (70) mit der Pumpe (30) bildet und die Pumpenwasserabfuhr (46) und die Heizwasserzufuhr (74) in fluessigkeitskommunizierender Verbindung vorgesehen sind. The heating system (10) has a heating unit (70) and driving pump with a pump housing which has a pump water supply (44), a pump water discharge, a pump base and a pump cover. The heating unit is a through flow heater with a hot water supply and a hot water discharge, where a part of the pump housing, forms a connecting part for connecting the heating unit with the pump and the pump water discharge. The fluid communicating connection between the pump water discharge and the hot water supply, is provided in a fluid module. Independent claims are also included for: (1) a magnetic piston pump for use as driving pump in a heating system; and (2) a through flow heater for use as a heating unit in a heating system.

Probable Assignee: BLECKMANN GMBH AND CO KG

Earliest Publication Date: 20100804



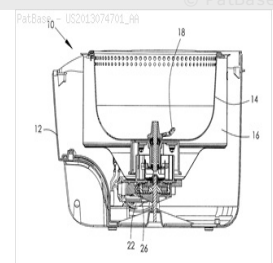
27) Family number: 53291469 (US2013074701A)

FOOD PROCESSOR AND MOTOR ASSEMBLY

Abstract: Source: US2013074701A A food processor has a container, a working piece for processing food material in the container, and a motor assembly for driving the working piece. The motor assembly includes an electric motor and a speed reduction gear unit connected between the motor and the working piece. The speed reduction gear unit includes a damper for isolating the motor from vibrations from the working piece.

Probable Assignee: JOHNSON ELECTRIC SA

Earliest Publication Date: 20130328



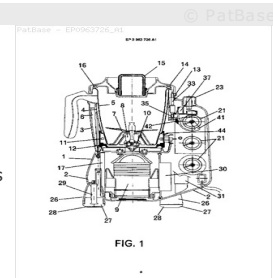
28) Family number: 13066474 (EP0963726A1)

ELECTRIC FOOD PROCESSOR FOR HOME USE

Abstract: Source: EP0963726A1 The food processor has an outside container (3) and an inside container (4) between which there is thermal-acoustic insulation (6), there being in the bottom part of the inside container (4) food heating means and this inside container (4) receiving a beater container (5) provided in its bottom with the corresponding blades (7) connectable to a motor (9) that is surrounded by an acoustic insulation; thus providing very silent operation, the impossibility that the user thereof is burnt and the option to use same as a thermos flask. Other important characteristics consist of some controls with very leak-proof buttons (21 and 23), some special legs (26) that insulate against vibrations and a safety device that prevents the motor (9) from operating without the double cover (14) being put on and prevents removal of said cover (14) when the motor (9) is operating.

Probable Assignee: HISPAINOX S A

Earliest Publication Date: 19991215



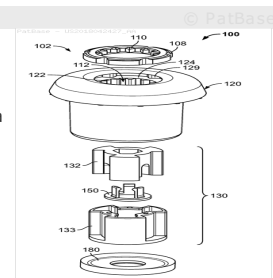
29) Family number: 68579481 (US2018042427A)

DRIVE COUPLER FOR BLENDER

Abstract: Source: US2018042427A A drive coupling for a blending system is attachable to a drive shaft of a motor. Rotation of the drive shaft rotates the drive coupling. The drive coupling includes a drive socket that receives a shaft of a blade assembly, and an elastomeric insert disposed between the drive socket and the drive shaft of the motor. The elastomeric insert absorbs vibrations.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20180215



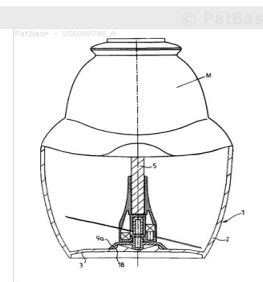
30) Family number: 20485487 (US6089746A)

HOUSEHOLD FOOD PREPARATION APPLIANCE SUCH AS A MULTI-FUNCTION FOOD PROCESSOR COMPRISING A BEARING MEANS FOR THE ROTARY WORKING ASSEMBLY

Abstract: Source: US6089746A PCT No. PCT/FR97/00135 Sec. 371 Date Jul. 22, 1998 Sec. 102(e) Date Jul. 22, 1998 PCT Filed Jan. 23, 1997 PCT Pub. No. WO97/26817 PCT Pub. Date Jul. 31, 1997A household food preparation appliance composed of: a working container (1) having a bottom wall (3); a rotary working assembly (5, 6, 7) driven by a motor unit; and a bearing member secured to, and freely rotatable in relation to, the working assembly. The working assembly is composed of a drive shaft (5) capable of supporting a working attachment (7) and is capable of being positioned in the container (1) with the bearing member substantially against the bottom wall (3) of the container (1). The bearing member (8) forms an element for centering the shaft (5) relative to the bottom wall (3).

Probable Assignee: SEB SA

Earliest Publication Date: 19970725



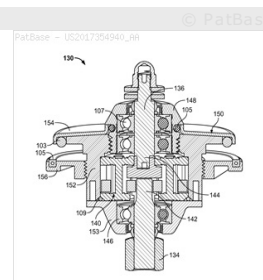
31) Family number: 67828503 (US2017354940A)

GEAR DRIVE CONTAINER

Abstract: Source: US2017354940A A blender system may include a base including a motor, a container, and a blade assembly. The blade assembly may include a gear drive. The gear drive may include an input and an output. The input may receive a drive shaft of a motor. The output may drive blades of a blade assembly. The gear drive may alter a rotational speed of the blades relative to a speed of the drive shaft of the motor.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20171213



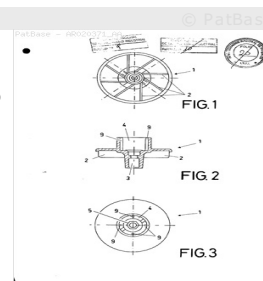
32) Family number: 31664509 (CO4860657A)

UN SISTEMA DE TRANSMISION ENTRE EL CUERPO Y LA JARRA DE UNA LICUADORA

Abstract: Source: CO4860657A 1.- Un sistema de transmision entre el cuerpo y la jarra de una licuadora, caracterizado en que se compone de una parte de acoplamiento que tiene un eje fijamente acoplado a la misma que pertenece a un motor de un aparato domestico; esta parte tiene una carcasa localizada en su parte superior destinada a fijar un elemento de engrane perteneciente a la parte movable de un accesorio que puede ser instalado en un aparato casero, tambien estan las cuchillas que se proyectan desde la parte inferior de la parte mencionada dispuestas en forma radial con el fin de generar un flujo de aire frio hacia el motor.

Probable Assignee: ARNO SA

Earliest Publication Date: 19991129



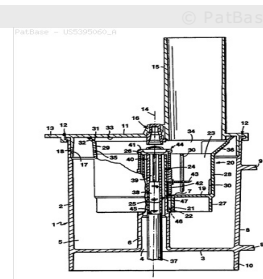
33) Family number: 18933531 (US5395060A)

MULTI-PURPOSE FOOD PROCESSOR

Abstract: Source: US5395060A PCT No. PCT/DE91/00599 Sec. 371 Date Jan. 28, 1993 Sec. 102(e) Date Jan. 28, 1993 PCT Filed Jul. 18, 1991 PCT Pub. No. WO92/02168 PCT Pub. Date Feb. 20, 1992.A multi-purpose kitchen appliance comprising a first container closable by a cover in which a first driven working utensil can be inserted for processing food stuffs which can be coupled via a first connector with a drive spindle projecting through the base of the electric motor in the multi-purpose kitchen appliance. A second, smaller container may be inserted into the first container. A second utensil in the second container can be coupled to the drive spindle via a second connector. A sealing lip is arranged on the edge of the aperture of the second container which, when the latter is inserted in the first container, forms a seal on the underside of the cover when the cover is fitted on the first container.

Probable Assignee: BRAUN AG

Earliest Publication Date: 19920207



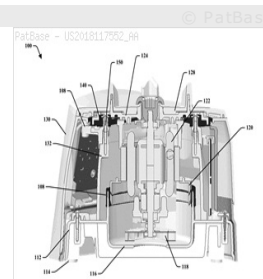
34) Family number: 69563564 (US2018117552A)

VIBRATION ISOLATION BLENDER SYSTEM

Abstract: Source: US2018117552A A blender base is generally described. The blender base includes a base frame. An outer shell may be connected to the base frame. A motor housing is supported by the base frame and positioned inside the outer shell. The motor housing is isolated from direct connection with the outer shell to reduce the transfer of noise and vibration from the motor to the outer shell.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20180503



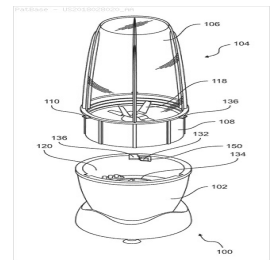
35) Family number: 68414583 (US2018028020A)

FOOD PROCESSOR DAMPEN SYSTEM

Abstract: Source: US2018028020A A vibration damper system used in a food processor to reduce the vibration of a high power motor that has varying speed cycles is disclosed. The motor is suspended from a ceiling that is mounted to the motor base through a plurality of bolted joints. The bolted joints are surrounded by a grommet that has a unique shape. The grommet comprises generally three parts, which are an upper portion, a middle portion, and a lower portion. The middle portion is smaller than other portion so that it creates a recess for the ceiling to be sandwiched between the grommet. In a preferred embodiment, the lower portion of the grommet further comprises a plurality of petal members that provide a non-uniform spring rate to the grommet so that the grommet is adapted best to reduce the upward impulse of the motor. The food processor also contains a novel air ventilation system.

Probable Assignee: CAPBRAN HOLDINGS LLC

Earliest Publication Date: 20180201



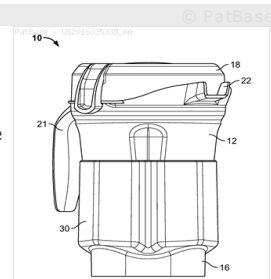
36) Family number: 61595584 (US2016035335A)

SOUND DAMPENING BLENDING CONTAINER

Abstract: Source: US2016035335A A blending system includes a blending container having a base surface. The container also has a side wall extending upwardly from said base surface and a sound sleeve extending upwardly from said base surface and encasing the side wall. The container may also have a viscoelastic material positioned between the side wall and the sound sleeve extending upwardly from said base surface. In one embodiment, a blender has a base containing a motor and the container described above and the container is able to attach and engage with the motor and the base.

Probable Assignee: VITA MIX MANAGEMENT CORP

Earliest Publication Date: 20160204



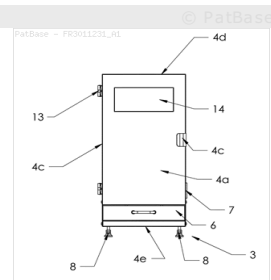
37) Family number: 58903592 (FR3011231B)

CAISSON ISOLANT POUR ROBOTS DE CUISINE

Abstract: Source: FR3011231A L'invention concerne un caisson isolant (3) adapte pour contenir un robot de cuisine (2), comprenant une pluralite de parois (4a, 4c, 4d, 4e) delimitant un espace interne destine a recevoir un robot de cuisine (2), la pluralite de parois (4a, 4c, 4d, 4e) comprenant une paroi superieure (4d) et une paroi inferieure (4e) opposees, une paroi avant (4a) et des parois laterales (4c), la pluralite de parois (4a, 4c, 4d, 4e) etant pourvue d'au moins une couche isolante (10). L'invention concerne egalement un ensemble (1) comprenant un robot de cuisine (2) et un caisson isolant (3) selon l'invention. An insulating box (3) adapted to contain a food processor (2), comprising a plurality of walls (4a, 4c, 4d, 4e) delimiting an internal space intended to receive a food processor (2), the plurality of walls (4a, 4c, 4d, 4e) comprising a top wall (4d) and a lower wall (4e) facing, a front wall (4a) and side walls (4c), the walls of plurality (4a, 4c, 4d, 4e) being provided with at least one insulating layer (10). The invention also relates to an assembly (1) comprising a food processor (2) and an insulating box (3) according to the invention.

Probable Assignee: PACOCLEAN COM

Earliest Publication Date: 20150403



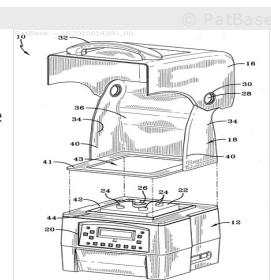
38) Family number: 44246594 (US2010014380A)

ENCLOSURE FOR A FOOD PROCESSOR

Abstract: Source: US2010014380A An enclosure for a food processor includes a body portion and a cover. The cover is hingedly attached to the body portion. The body portion of the enclosure includes a metallic foot that mates with the base member of the food processor. The base member may include at least one magnet that secures the foot, and therefore body portion, in position by the magnetic force acting upon the foot. A gasket is provided between the foot of the body portion and the base member to completely isolate the enclosure from the base member, and to reduce vibrations in the enclosure during operation of the food processor. The body portion of the enclosure may also include gasket strips to seal the enclosure when the cover is closed.

Probable Assignee: VITA MIX MANAGEMENT CORP

Earliest Publication Date: 20100121



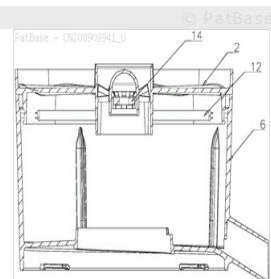
39) Family number: 74532620 (CN208909941U)

THE SHOCK ABSORBING STRUCTURE FOR A FOOD PROCESSOR AND FOOD PROCESSOR (MACHINE TRANSLATION)

Abstract: Source: CN208909941U The utility model relates to a food processor, the food processor of the damping structure and damping structures includes a driver, the driver extending drive shaft sleeve is provided on the drive shaft for avoiding occurrence of swing bearing, said bearing positioned by the positioning member; The positioning member is mounted on the body structure of the positioning member is connected to the main structure is provided with a shock absorbing cushioning member. The utility model shock absorbing structure for a food processor with a bearing positioned and fixed to the drive shaft, the drive shaft does not occur around swing, while taking advantage of the shock absorbing member shock, reducing the vibration and noise generated during exercise.

Probable Assignee: MAIN IND IN SHENZHEN CHI ELECTRIC INDUSTRIAL CO

Earliest Publication Date: 20190531



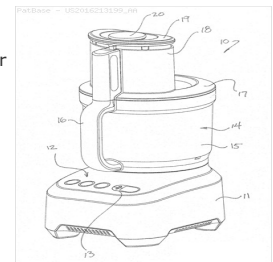
40) Family number: 62988621 (US2016213199A)

FOOD PROCESSOR WITH SAFETY MECHANISM

Abstract: Source: US2016213199A A food processor is provided with a wide feed tube. The food processor has a pusher that cooperates with a safety mechanism. The safety mechanism comprises a linkage assembly that prevents the food processor's motor from operating unless the pusher is inserted into the feed tube.

Probable Assignee: BREVILLE PTY LTD

Earliest Publication Date: 20160728



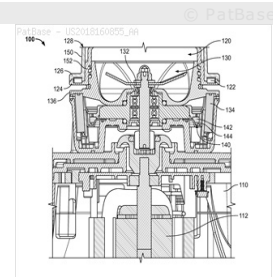
41) Family number: 70074634 (US2018160855A)

MOTOR MAGNETIC INTERFERENCE RING

Abstract: Source: US2018160855A A blender system that includes a base that is selectively and operatively engaged with a container is shown and described herein. The blender system may include a container. The container may include a magnet and may be engagable with a blade base. The blade base may include a switch that responds to the magnet. The blender system may include a shield that shields the magnet and switch from a magnetic field generated by operation of a motor.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20180614



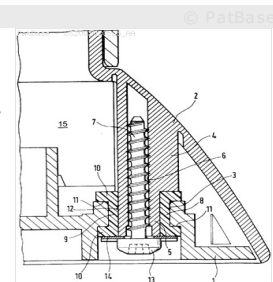
42) Family number: 15485643 (US2003070565A)

ELECTRICAL HOUSEHOLD APPLIANCE

Abstract: Source: US2003070565A An electrical household appliance, in particular, a food processor, includes a drive motor installed in a housing having at least one bottom and one top housing part. The housing parts are held together by a screw connection. A largely vibration-isolated connection of the two housing parts is achieved by introducing, at the connecting locations, elastic buffer elements that prevent direct contact of the housing parts at the connecting locations.

Probable Assignee: BSH BOSCH U

Earliest Publication Date: 20011004



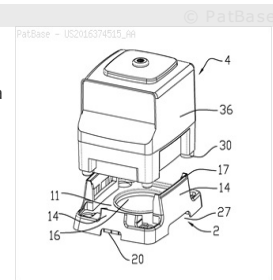
43) Family number: 64519647 (US2016374515A)

REMOVABLE BLENDER PAD

Abstract: Source: US2016374515A This invention reduces the noise and vibration from a blender. One embodiment of a blender pad which has an air inlet and an air exhaust opening which corresponds with air inlet and exhaust ports in a blender. In addition, positioned between the exhaust port and exhaust opening is an acoustic chamber, and acoustics ridge with attenuating sound foam. The blender pad is releasably connected to a blender base.

Probable Assignee: DIETZ PHILLIP

Earliest Publication Date: 20161229



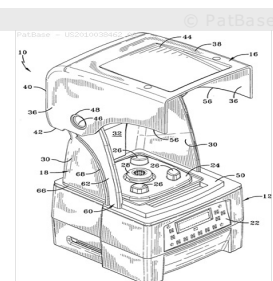
44) Family number: 44402658 (US2010038462A)

SEALING ENCLOSURE FOR A FOOD PROCESSOR

Abstract: Source: US2010038462A An enclosure for a food processor including a body portion adapted to be secured to a base, and a cover pivotally attached to the body portion. The body portion includes sidewalls, a back wall, and an abbreviated top wall. The cover includes sidewalls, a front wall, a top wall, and an abbreviated back wall. A flange extends outwardly from the sidewalls and the top wall of the body portion and a gasket is provided thereon to create a seal between the cover and the body portion of the enclosure.

Probable Assignee: VITA MIX MANAGEMENT CORP

Earliest Publication Date: 20100218



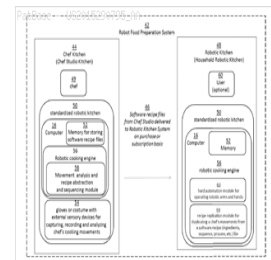
45) Family number: 60176686 (US2015290795A)

METHODS AND SYSTEMS FOR FOOD PREPARATION IN A ROBOTIC COOKING KITCHEN

Abstract: Source: US2015290795A The present disclosure is directed to methods, computer program products, and computer systems for instructing a robot to prepare a food dish by replacing the human chef's movements and actions. Monitoring a human chef is carried out in an instrumented application-specific setting, a standardized robotic kitchen in this instance, and involves using sensors and computers to watch, monitor, record and interpret the motions and actions of the human chef, in order to develop a robot-executable set of commands robust to variations and changes in the environment, capable of allowing a robotic or automated system in a robotic kitchen to prepare the same dish to the standards and quality as the dish prepared by the human chef.

Probable Assignee: MBL LTD

Earliest Publication Date: 20150827



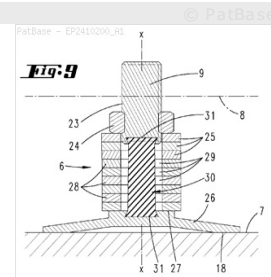
46) Family number: 48929722 (EP2410201B1)

BASE, IN PARTICULAR FOR A TABLE KITCHEN APPLIANCE

Abstract: The pedestal (6) has an elastomer part (32), which has a connecting section (38). The connection section is connected with a joining area (39). The connecting section is rooted in a line part (33). A line wall (36) is provided as an additional support for a deflection of the connecting section.

Probable Assignee: VORWERK CO INTERHOLDING

Earliest Publication Date: 20110525



47) Family number: 68878733 (US2018073915A)

WEIGHING DEVICE FOR COMESTIBLE PROCESSORS

Abstract: Source: US2018073915A A system for weighing ingredients of food and drink for a recipe application, which comprises a weighing device for use with blenders and food processors that can wirelessly communicate weight measurements and other data to the recipe application on a mobile device or computer. The weighing device can be removably attached to or integrated with the blender or food processor.

Probable Assignee: CAPBRAN HOLDINGS LLC

Earliest Publication Date: 20180315



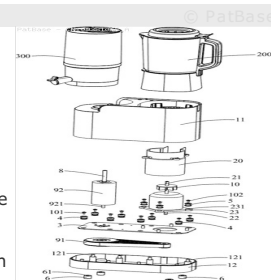
48) Family number: 73316733 (CN109381066A)

THE BASE ASSEMBLY AND THE FOOD PROCESSOR (MACHINE TRANSLATION)

Abstract: Source: CN109381066A The present invention is applicable to a live electrical field, discloses the base assembly, wherein the base assembly includes a base and a food processor housing, a motor mounted on the motor housing and the outer housing is provided in the base unit of the control panel, the motor having oppositely disposed along the vertical direction of the output shaft and the output shaft, the base assembly further comprises a housing provided in the base of the mounting bracket and the first damping pad, motor through mounting bracket mounted on the base housing, a first damping pad provided on the mounting bracket and the base housing. In the present invention, the base housing is provided with a mounting bracket to achieve the motor housing is fixedly mounted on the base, so as to facilitate the mounting bracket through the flexible design of the motor and the base housing to meet different installation requirements. At the same time through the mounting bracket and the base housing is provided between the first damping pad, thus, can be reduced from the motor is transmitted to the base vibration of the housing, thus effectively reducing the vibration and noise in the operation of the food processor.

Probable Assignee: GUANGDONG MIDEA DOMESTIC ELECTRICAL APPLIANCE MFG CO LTD

Earliest Publication Date: 20190226



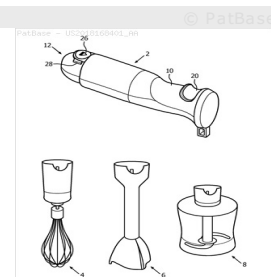
49) Family number: 63370737 (US2018168401A)

TOOL DETECTION FOR KITCHEN APPLIANCES

Abstract: Source: US2018168401A A kitchen appliance has a power unit 2 and a removable tool 4 connected through a mechanical interface 12. A controller 16 controls an electric motor 14 driving the tool 4 through the mechanical interface. A vibration sensor 18 identifies the vibrations of the tool and feeds the vibration data to the controller 16. The controller may use the vibration data to identify the tool and/or to select an appropriate drive pattern based on the sensed vibration.

Probable Assignee: PHILIPS KONINKLL NV

Earliest Publication Date: 20160901



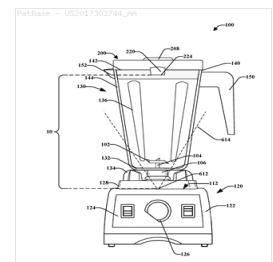
50) Family number: 62118749 (US2017303744A)

OPTICAL RECOGNITION INTERLOCK SYSTEM FOR A BLENDER

Abstract: Source: US2017303744A A blending system is shown and described herein. The blending system may include a base including a motor, a blade selectively and operably engaged with the base, where the motor rotates the blade, a container having an open end and a lid configured to cover the open end. The blending system may also include an optical interlock detector that may include a camera positioned on the base and indicia positioned at a predetermined location on a lid, wherein the camera detects the indicia and position of the lid to permit operation of the blender.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20160414



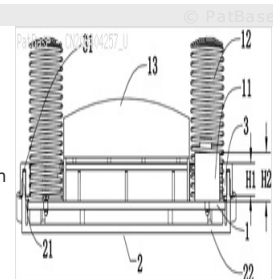
51) Family number: 72954758 (CN208404257U)

FOOD PROCESSOR

Abstract: Source: CN208404257U The utility model relates to a kitchen appliances, especially a food processor, including operating panel and control panel, install bee calling organ and touch spring on the control panel, other oneend of touch spring and the inboard contact of operating panel, still including the vibration damper who slows down the vibration of touch spring, vibration damper and touch spring contact installation. After adopting above -mentioned technical scheme, slowed down bee calling organ working process effectively, the effect of completely eliminating trill can be reached as vibration damper with all touch springs contact installations because resonance produces machine trill problem to the touch spring.

Probable Assignee: JOYOUNG CO LTD

Earliest Publication Date: 20190122



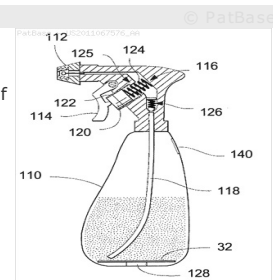
52) Family number: 41788762 (US2011067576A)

ELECTRICAL APPLIANCES AND COMPONENTS

Abstract: Source: US2011067576A Arrangements are disclosed for sealing and/or retaining a component in a washproof electrical appliance. A heated liquid dispenser is also disclosed.

Probable Assignee: OTTER CONTROLS LTD

Earliest Publication Date: 20090911



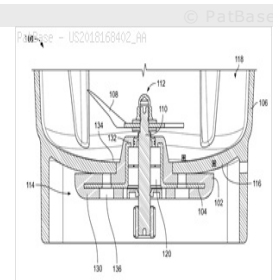
53) Family number: 64288765 (US2018168402A)

BEARING MOUNT FOR BLADE ASSEMBLY

Abstract: Source: US2018168402A A blender with a blending assembly is shown and described. The blender may include a container and a blending assembly attached thereto. The blending assembly may include a blade, an axle, and a thick, molded bearing mount. The bearing may include a stiffening portion and a thick molded portion. The blending assembly may include a vibration dampening member. The vibration dampening member may be positioned to isolate the bearing mount and/or a bearing housing from other components.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20161208



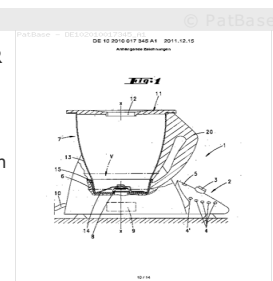
54) Family number: 50102773 (DE102010017345A1)

MIXING VESSEL FOR USE IN ELECTROMOTIVE PROPELLED FOOD PROCESSOR IN HOUSEHOLD SECTOR FOR PREPARING FOOD, HAS TAPE PART SEPARATED FROM VESSEL BY VESSEL CIRCUMFERENCE AND PROVIDED AT VESSEL IN LOWER VERTICAL REGION ASSOCIATED TO VESSEL BASE

Abstract: The vessel (7) has a mixer (8) arranged in the vessel, and an inner mixing vessel wall (13) consisting of elastically deformed material such as metal or plastic for directly receiving the mixing goods. A tape part (15) i.e. tension strip, lies on the vessel wall, and is firmly connected with the vessel and separated from the vessel by a mixing vessel circumference. The tape part is provided at the vessel in a lower vertical region (V) associated to a mixing vessel base (14), where the vertical region is set below an inwardly directed bias part using the tape part.

Probable Assignee: VORWERK CO INTERHOLDING

Earliest Publication Date: 20111215



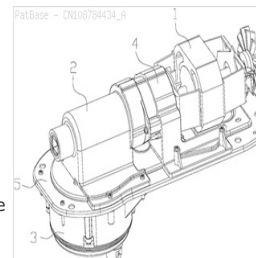
55) Family number: 71856810 (CN108784434A)

DRIVING SPEED CHANGE MECHANISM OF FOOD PROCESSOR AND STAND MIXER

Abstract: Source: CN108784434A The invention provides a driving speed change mechanism of a food processor. The mechanism comprises a motor assembly and a gearbox assembly, the motor assembly is fixedly connected with the gearbox assembly, and the motor assembly and the gearbox assembly are in rigid connection through a first fixed support to form a rigid connector. Compared with the prior art, according to the driving speed change mechanism of the food processor, the motor assembly and the gearbox assembly are in direct rigid connection through the first fixed support, the assembly error is effectively lowered, and meanwhile along with lowering of the assembly error, working noise of the whole driving gearbox mechanism is lowered; in addition, by means of the rigid direct connection mode, the vibration problem of the motor assembly in the high-speed operation process is solved, damping materials are not used, the assembly technology is simplified, and the production and manufacturing cost is lowered. The invention further provides a stand mixer which comprises a main body. The main body is internally provided with the driving speed change mechanism of the food processor. By means of the stand mixer, the assembly error can be lowered, and the production cost is reduced.

Probable Assignee: BEAR ELECTRICAL APPLIANCE CO LTD

Earliest Publication Date: 20181113



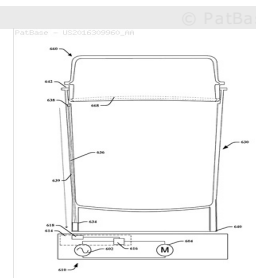
56) Family number: 63314820 (US2016309960A)

INTERLOCKING BLENDING SYSTEM

Abstract: Source: US2016309960A A blender system that includes a base that is selectively and operatively engaged with a container is shown and described herein. The base may include a near field communications chip that may communicate with a near field communications chip of a container. The base also includes a motor that is selectively and operatively engaged with a blade disposed within the container.

Probable Assignee: VITA MIX MAN CORP

Earliest Publication Date: 20160825



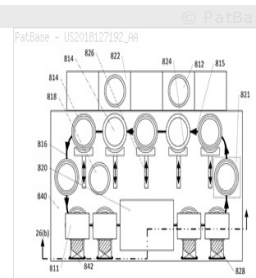
57) Family number: 69658831 (US2018127192A)

METHODS AND APPARATUS FOR AUTOMATED FOOD PREPARATION

Abstract: Source: US2018127192A Methods and apparatus for automatically preparing food for consumption in which preparation comprises dispensing, manipulation, heating, and other operations using a wide variety of ingredients. The methods and apparatus described use ingredients efficiently and maintain their quality, while avoiding contact between ingredients and apparatus to minimize the risk of system contamination.

Probable Assignee: COHEN ADAM

Earliest Publication Date: 20180510



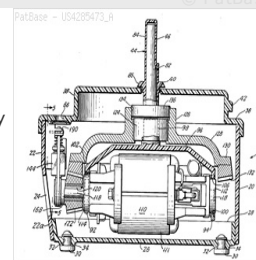
58) Family number: 5118832 (US4285473A)

COMPACT SPEED-REDUCING UNIVERSAL MOTOR DRIVE ASSEMBLY ARRANGEMENT FOR FOOD PROCESSOR

Abstract: Source: US4285473A An improved drive unit for a food processor of the type wherein the drive unit is enclosed in a base housing and has a vertically extending spindle which extends into a processing bowl and carries rotary tools thereon. The drive unit comprises a horizontally mounted universal motor carrying a pinion gear at the end of its shaft. A ring gear meshes with the pinion and encircles the motor on a concavo-convex support structure. The support structure is coupled to the vertical spindle. Included in the drive unit are a novel three point shock mounting for the motor and an automatic brake to prevent coasting of the tool after the motor is deenergized. In a further embodiment of the drive unit the motor and the concavo-convex ring gear are held in a motor mount which is vibrationally isolated from the base housing for providing quieter operation. This mount arches up over the dome of the ring gear which in turn arches up over the motor. A lockable adjustment is provided in the motor mount for adjusting the engagement between the pinion gear and ring gear, and another form of automatic brake is shown.

Probable Assignee: CUISINARTS CORP

Earliest Publication Date: 19801218

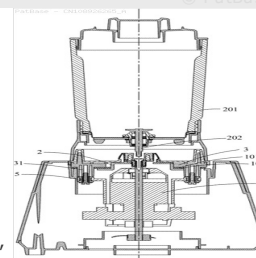


59) Family number: 72216868 (CN108926265A)

ANTI-VIBRATION PAD, ENGINE SEAT ASSEMBLY AND FOOD PROCESSOR

Abstract: Source: CN108926265A The invention is applicable to the field of household appliances, and discloses an anti-vibration pad, an engine seat assembly and a food processor, wherein the anti-vibration pad is applied between a motor bracket and an engine seat main body of the food processor; the anti-vibration pad comprises at least two sub anti-vibration pads which are superposed; the at least two adjacent sub anti-vibration pads keep a shore hardness difference therebetween; and the at least one sub anti-vibration pad is made from damping rubber which is 0.1-0.5 in damping coefficient. The anti-vibration pad is of a double-layer anti-vibration structure; various anti-vibration layers, which are constituted by the various sub anti-vibration pads, are relatively thin under a circumstance of same overall thickness of the anti-vibration pad, and each anti-vibration layer can get fully stressed and deformed, so that an anti-vibration effect of the anti-vibration pad is enhanced; and since the at least one sub anti-vibration pad is made from the damping rubber, the at least one sub anti-vibration pad simultaneously has effects of damping and reducing vibration as well as elastic damping; therefore, the anti-vibration effect is enhanced. In addition, the adjacent two sub anti-vibration pads are difference in shore hardness, so that damping is conducted from different gradients, and the anti-vibration effect is enhanced.

Probable Assignee: FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MFG CO LTD



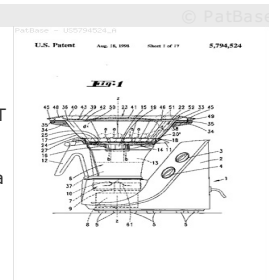
Earliest Publication Date: 20181204
60) Family number: 8581873 (US5794524A)

FOOD PROCESSOR WITH A MIXING VESSEL AND A DRIVE MECHANISM FOR AN AGITATOR IN THE MIXING VESSEL

Abstract: Source: US5794524A PCT No. PCT/EP95/01636 Sec. 371 Date Jan. 7, 1997 Sec. 102(e) Date Jan. 7, 1997 PCT Filed Apr. 28, 1995 PCT Pub. No. WO95/29615 PCT Pub. Date Nov. 9, 1995 The invention relates to a food processor with a mixing vessel and a drive mechanism for an agitator in the mixing vessel, the lower region of which can be heated. As a simple way of improving a food processor of this type, it is proposed that a top unit for the mixing vessel should have a perforated base to allow food to be steam-cooked. The perforations are formed in a support plate in the base of the top unit and condensation and moisture are led back into the mixing vessel.

Probable Assignee: VORWERK CO INTERHOLDING

Earliest Publication Date: 19951102



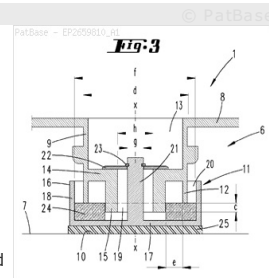
61) Family number: 55103889 (EP2659810B1)

STANDFUSS EINES GERAETES, INSBESONDERE EINER TISCH-KUECHENMASCHINE STAND OF A DEVICE, IN PARTICULAR A TABLE-TOP KITCHEN APPLIANCE

Abstract: Source: EP2659810A1 Die Erfindung betrifft einen Standfuss (6) eines Geraetes, insbesondere einer Tisch-Kuechenmaschine (1), wobei das Geraet ein Gehaeuse (5) mit einem bei ueblicher Aufstellung nach unten abragenden Fortsatz (9) aufweist, der auf einem eine Standflaeche (10) ausbildenden Standteil (11) mittels eines Weichteils (24) aufsitzt, wobei das Weichteil (24) in einem oben offenen Schalenabschnitt (16) des Standteils (11) aufgenommen ist. Um einen Standfuss eines Geraetes, insbesondere einer Tisch-Kuechenmaschine anzugeben, der bei vorteilhaftem Aufbau eine guenstige Daempfungsmoeglichkeit erbringt, wird vorgeschlagen, dass sich der Fortsatz (9) bis in seitliche ueberdeckung zu dem Schalenabschnitt (16) erstreckt. The stand (6) has a housing (5) comprising a support projection part (9) forming on a base, and a condition part (11) seated by a flexible element. The flexible element is accommodated in an open-topped shell portion of the condition part. The projection part extends into a side cover of the shell portion. The condition part is cooperated with the projection for enabling a lose-safe support with the projection in a force-fit manner. The projection part is held horizontally and vertically and movably received in the shell portion under a vertical coverage to the shell portion.

Probable Assignee: VORWERK CO INTERHOLDING

Earliest Publication Date: 20131106



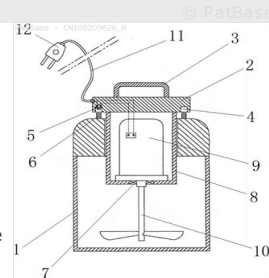
62) Family number: 70276915 (CN108209626A)

PORTABLE FEED PULVERIZING DEVICE

Abstract: Source: CN108209626A The invention provides a portable feed pulverizing device. According to the pulverizing device, a stirring module is innovatively arranged at the upper end of a stirring bin, and thus the problems that when leaked out, liquid permeates into a motor, and electric leakage is caused are solved. Besides, an iron rod is arranged on the stirring bin, a blind hole cooperated with an upper lid is arranged at the lower end of the upper lid, a magnet is arranged in the blind hole and achieves the connecting and fixing effect, through the mode, the complex buckling step is omitted, and the device is more convenient to use. On this basis, aiming at the problem in the prior art that a stirring shaft of a food processor cause noise due to vibration, a silica gel ring sleeves the junction of the stirringshaft and a shell, and the damping effect of the silica gel ring is utilized to lower the noise. According to innovative technology improvement, a superior technology effect is achieved; meanwhile, the cost is low, the device is easy to achieve, and thus the application prospect is good.

Probable Assignee: TIANJIN TONGJIE SHICHUAN TECH CO LTD

Earliest Publication Date: 20180629



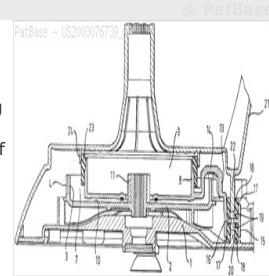
63) Family number: 28626947 (US2003076739A)

HOUSEHOLD APPLIANCE

Abstract: Source: US2003076739A A household appliance, in particular, a kitchen machine, includes a planetary gear disposed between an electric drive unit and an output shaft or drive shaft of the appliance and the stationary toothed ring of which is supported on the housing of the appliance by support arms (13) projecting radially outwardly on the outer circumference of the toothed ring. Good damping of the noise originating from the planetary gear is achieved by virtue of the fact that an elastic element preventing direct contact between the support arms and the fixing locations is respectively inserted between the support arms and the fixing locations on the housing.

Probable Assignee: BSH BOSCH U SIEMENS HAUSGERATE GMBH

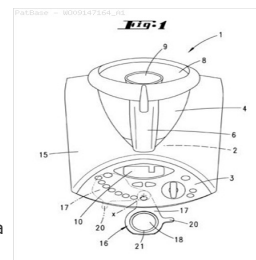
Earliest Publication Date: 20011004



64) Family number: 44101948 (WO09147164A1)

KITCHEN UTENSIL WITH A STIRRER VESSEL

Abstract: The invention relates to a kitchen utensil (1) with a stirrer vessel (4) and a weighing device as well as a housing (15) comprising a stirrer vessel receptacle (2), and with an electric motor for a stirrer (5) in the stirrer vessel (4), wherein the base (34) of the stirrer vessel (4) is optionally heatable, wherein a receptacle area (16) of the kitchen utensil (1) is further intended for holding a weighed quantity. In order to further improve a kitchen utensil of the type mentioned with regard to its handling, it is proposed that the receptacle area (16) comprise a separate weighing receptacle area (18) disposed on a weighing part (17) open for use or able to transition to an open state, said separate weighing receptacle area being adapted for the separate support of a measuring vessel for small quantities (22) or being integrated therewith, said weighing part (17) being designed as a part of the housing (15) or being suspended on or folded out from said housing (15) outside the stirrer vessel receptacle (2), or connected to the housing in sliding fashion. In another invention, it is provided that the receptacle area (16) acts on a separate weight sensor for small quantities (23). What is proposed in connection with another invention is that the receptacle area (16) be designed in the shape of a trough such that a weight determination is permitted by way of the volume as a function of the material.



Probable Assignee: VORWERK CO INTERHOLDING

Earliest Publication Date: 20091210

65) Family number: 51281984 (US2014021278A)

FOOD PROCESSOR

Abstract: Source: US2014021278A A food processor is provided with a wide feed tube. The food processor has a pusher that cooperates with a safety mechanism. The safety mechanism comprises a linkage assembly that prevents the food processor's motor from operating unless the pusher is inserted into the feed tube.

Probable Assignee: BREVILLE PTY LTD

Earliest Publication Date: 20120614

