

Search history

Search 1: CPC=(A47J27/08 or A47J27/09 or A47J27/092) or JCT=(4B055/AA08) (Results 3194)

Search 2: 1 AND (PD<20171206) (Results 3116)

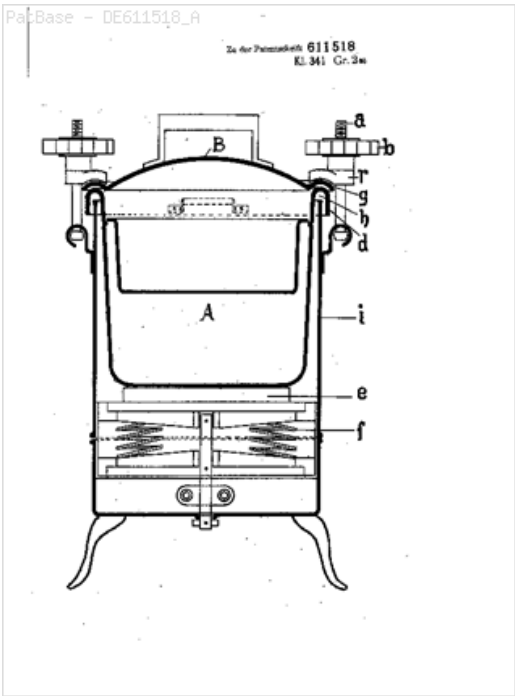
Search 3: 2 AND (FT = overpressur* NEAR (releas* OR relief* OR mechanism* OR device)) (Results 33)

Title: SICHERHEITSVORRICHTUNG GEGEN UEBERDRUCK UND EXPLOSIONSGEFAHR AN ELEKTRISCH BEHEIZTEN DAMPFDRUCKKOCHVORRICHTUNGEN SAFETY DEVICE AGAINST OVER PRESSURE AND EXPLOSION HAZARD TO ELECTRIC HEATED VAPOR PRESSURE COOKING DEVICES (Machine translation)

Abstract: Source: DE611518A [DE] (Claim 1) 1.PATENTANSPRUCH: Sicherheitsvorrichtung gegen ueberdruck und Explosionsgefahr an elektrisch 'be- heiztenDampfdruckkochvorrichtungen mit einem von einem Mantelgehaeuse getragene n Einsatzgefaess, dadurch gekennzeichnet, dass das Kochgefaess (A) mit einer Rand- umboerdung (d) mit Spielraum nach unten ueber den Rand eines Mantelgehaeu ses (i) greift, in welchem es auf der von Druckfedern (f) getragenen Heizeinrich- tung (e) ruht, und dass der Deckel (B) durch am oberen Mantelrande angelenkte Klappschrauben (a) niedergedrueckt wird, auf denen die Randmutter (b) mit einem Druckstueck (r) durch einen Anschlag o. dgl. nur bis zu einer bestimmten Stelle niedergeschraubt werden kann, derart, dass das- Kochgefaess (A) bei innerem ueber druck gegen - den Druck der Federn (f) nach unten ausweichen kann.

Machine translation: (claim 1) 1.PATENTANSPRUCH: Safety device against over-pressure and explosion hazard of electrically 'be-heated steam pressure cooking devices with a getrage a Mantelgehaeuse NEN Einsatzgefaess, characterized in that the Cooking vessel (A) with an edge-bead (d) with scope down over the edge of a Mantelgehaeu Committee (i) engages in which it rests on the supported by compression springs (f) heating device (s), and that the lid (B) is niedergedrueckt by the upper shell edge hinged hinged bolts (a) on which the rim nut (b) with a Druckstueck (r) by a stop like o only up to a certain point can be screwed down, such that the-Cooking vessel (A) with internal pressure against - the pressure of the springs (f) may be diverted to the bottom.

Classifications:
International (IPC 8-9): A47J27/09 (Advanced/Invention);
A47J27/08 (Core/Invention)
International (IPC 1-7): A47J27/09
CPC: A47J27/09
European: A47J27/09



Family:

Publication number	Publication date	Application number	Application date
DE611518 A	19350328	DE1933H138307D	19331205

Priority:
DE1933H138307 19331205

Probable Assignee: FELIX HAELBIG
Assignee(s): (std): FELIX HAELBIG

Title: LID FOR PRESSURE COOKER WITH SAFETY DEVICE

Abstract: A pressure cooker lid (1) that allows the pot to be used practically without interruption, comprises an **overpressure** safety **device** (9) consisting of a two-position slide valve (11) comprising a valve body (12), which is fixed leaktightly in an opening (14) provided in the lid (1), and a slide (13) that can be moved in the valve body (12) from a valve-closed position to a valve-open position and back again when it overcomes spring-loaded means (27).

Classifications:

International (IPC 8-9): A47J27/09 (Advanced/Invention);

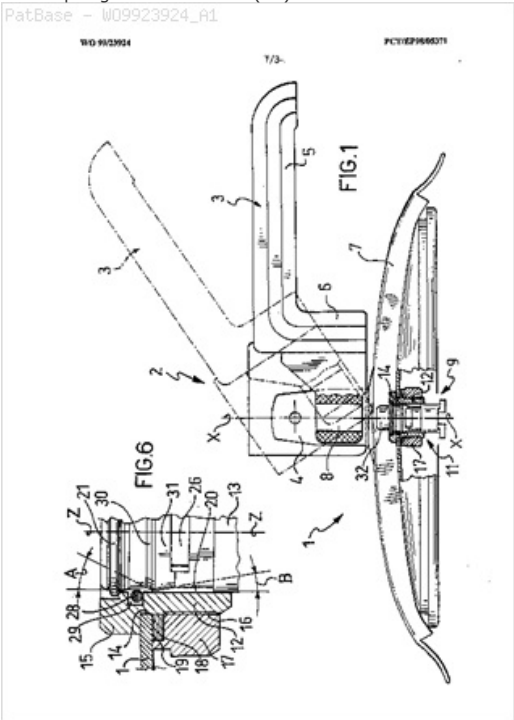
A47J27/08 (Core/Invention);

A47J (Subclass/Invention)

International (IPC 1-7): A47J27/09

CPC: A47J27/09

European: A47J27/09



Family:

Publication number	Publication date	Application number	Application date
AU199897389 A1	19990531	AU19980097389	19980825
IT1296084 B1	19990609	IT1997MI02497	19971107
ITMI972497 A1	19990508	IT1997MI02497	19971107
WO9923924 A1	19990520	WO1998EP05371	19980825

Priority:

IT1997MI02497 19971107 WO1998EP05371 19980825

Probable Assignee: AETERNUM SRL

Assignee(s): (std): AETERNUM SRL ; BUGATTI SILVANO

Assignee(s): AETERNUM S R L

Inventor(s): (std): BUGATTI SILVANO

Inventor(s): SILVANO BUGATTI

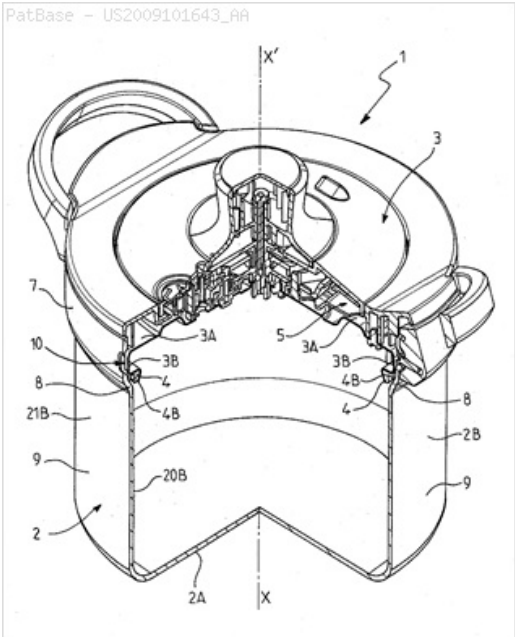
Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU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

Title: PRESSURE COOKER WITH OVERPRESSURE SAFETY DEVICE

Abstract: The invention relates to a pressure cooking appliance (1) having: a bowl (2) with a side wall (2B), a lid (3), a sealing gasket (4) interposed between the side wall (2B) and the lid (3), said appliance (1) being designed so that, when the pressure inside the chamber reaches a predetermined safety value, the gasket (4) moves up to reach a safety position, said appliance (1) being characterized in that the side wall (2B) comprises a geometrical irregularity (10) intended to interact with the gasket (4) when the latter is located at the predetermined safety position thereof so as to interrupt the contact between the gasket (4) and the side wall (2B).

Classifications:

International (IPC 8-9): A47J27/00 A47J27/08 A47J27/09 A47J36/00 B65D45/00 B65D51/16 (Advanced/Invention); A47J27/08 (Core/Invention)
CPC: A47J27/09
European: A47J27/09
US: 220/203.01 220/203.010P 220/203.09 220/203.090S 220/203.19 220/303 220/303S 220/304 220/304S 220/316 220/378 220/573.1 99/337



Family:

Publication number	Publication date	Application number	Application date
AT544378 E	20120215	AT20080290990T	20081022
CN101416838 A	20090429	CN200810178561	20081023
CN101416838 B	20130320	CN200810178561	20081023
DE602008013231 D1	20120405	DE200860013231T	20081022
EP2052653 A1	20090429	EP20080290990	20081022
EP2052653 B1	20120208	EP20080290990	20081022
FR2922428 A1	20090424	FR20070007407	20071023
JP2009142645 A2	20090702	JP20080271829	20081022
JP5235606 B2	20130710	JP20080271829	20081022
US2009101643 AA	20090423	US20080255285	20081021
US8096436 BB	20120117	US20080255285	20081021

Priority:

FR20070007407 20071023 EP20080290990 20081022

Probable Assignee: SEB SA

Assignee(s): (std): BOUYE NATHALIE ; RHETAT ERIC JACQUES ; SEB AB ; SEB SA

Assignee(s): SEB SA SOCIETE ANONYME ; SEB S A

Inventor(s): (std): RHETAT ERIC ; RHETAT ERIC JACQUES ; BOUYE NATHALIE ; NATHALIE BOUYE ; JACQUES RHETAT ERIC

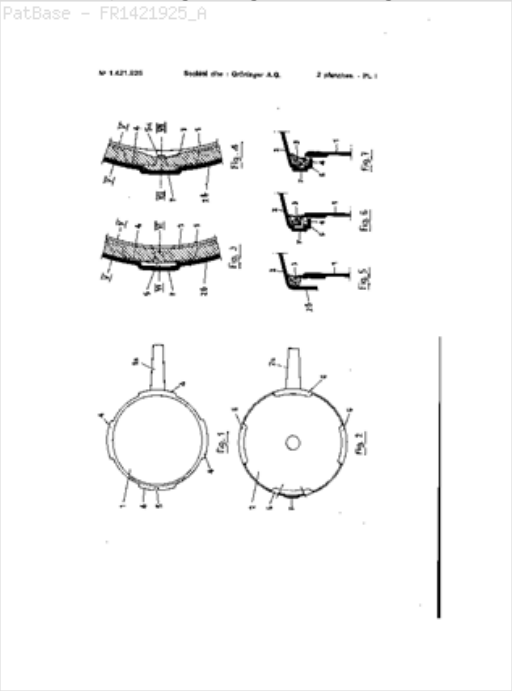
Agent(s): MARTIN DIDIER ROLAND VALERY; MAEDA AND PARTNERS; MAEDA HIROSHI; TAKEUCHI HIROSHI; SHIMADA TAKAHISA; TAKEUCHI YUJI; IMAE KATSUMI; FUJITA ATSUSHI; NINOMIYA KATSUYA; HARADA TOMOO; ISEKI KATSUMORI; SEKI HIRAKU; THOMAS KAYDEN HORSTEMEYER AND RISLEY LLP

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

Title: CUISEUR A VAPEUR AVEC PROTECTION CONTRE LES SURPRESSIONS COOKER WITH STEAM PROTECTION OVERPRESSURES (Machine translation)

Abstract: (Claim 1) 1. The annular seal 3 applies all around the edge of the container and thus isolated from the outside space inside the cooker farm. It also crosses the edge of the hollow container 9. These conditions correspond again to normal conditions of cooking in which he reigns in the cooker, a tolerable pressure steam. But if the vapor pressure exceeds the tolerable level, the annular seal is, again, pushes the hollow 9, as shown in Figures 11 and 13 and at this point, it ceases to be supported by the edge of the container and thus creates a discharge port 12 relatively small, by which steam can escape downwards in a diffuse jet, but again without causing the annular seal at this point in an undesirable position, because he is prevented by the tenon 10. In Figure 15, we see that the point of deviation planned for the seal ring 3 in the edge of the cover is shaped not by a hollow, but by an elongated opening 11, which could also be the case in the exemplary embodiment of Figures 1-7. Moreover, we can also say that the peg 10 must not necessarily be on the vertical axis indicates the point of deviation, as is the case in Figures 14 and 15, but can also be found on the side.As is evident, and as it follows moreover already from the foregoing, the invention is by no means confined to its methods of application, not only to those of the embodiments of its various parts, having been more especially considered; it embraces, in all variants. SUMMARY The invention relates to a steam cooker of the type comprising a cylindrical cap on board, we have subjects such as using a bayonet coupling has on the edge of the container body, and maintains on the edge of the container, a seal ring inserted in the lid and part of a protection **device** against **overpressure**, the cylindrical edge of the lid having such a point of deflection usually crossed by the seal ring and wherein the crossing portion of it sinks reign when a pressure cooker in the tightly closed, said cooker further characterized by the following points, so at least the first point can be taken alone; 1. The container body or lid has, at the place which corresponds to the point of deflection of the seal ring in the cover edge, means that avoid apui in case of overpressure in the container undesirable. pushes down, causing a dangerous discharge of steam.

Classifications:
International (IPC 8-9): A47J27/09 (Advanced/Invention);
A47J27/08 (Core/Invention)
International (IPC 1-7): A47J27/08
CPC: A47J27/09
European: A47J27/09



Family:

Publication number	Publication date	Application number	Application date
FR1421925 A	19651217	FR19650002938	19650122

Priority:

FR19650002938 19650122

Probable Assignee: GRONINGER A G
Assignee(s): (std): GRONINGER A G
Assignee(s): GRONINGER AG

Title: PRESSURE COOKER

Abstract: A pressure cooker with a handle with an operating element, wherein the operating element comprises a rotating shaft. Also, a pressure cooker with an operating element with which pressure from the pressure cooker can be relieved through an aperture, wherein means are provided with which the pressure can be relieved with at least two specified different pressure relief rates or with at least one specified pressure relief rate and with a pressure relief rate which can be set to greater values than the specified value. Also, a pressure cooker with an operating element for opening and closing an aperture of the pressure cooker, wherein a second operable aperture of the pressure cooker is provided, as well as a pressure cooker with a pressure acquisition device having a mechanical part with at least one part, movable by the pressure, and an electronic part, which can acquire the position of the movable part in order to determine the pressure.

Classifications:

International (IPC 8-9): A47J27/00 A47J27/08

A47J27/09 (Advanced/Invention);

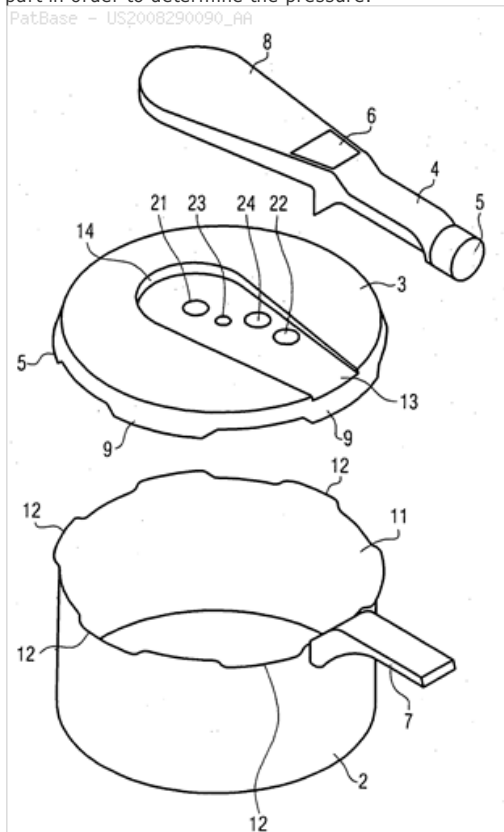
A47J27/08 A47J27/09 (Advanced/Non-invention);

A47J27/00 A47J27/08 (Core/Invention)

CPC: A47J27/0802 A47J27/0813 A47J45/062 Y10S220/912

European: A47J27/08C

US: 220/203.01 220/203.02 220/203.05 220/203.07 220/203.1 220/316



Family:

Publication number	Publication date	Application number	Application date
AU2007202946 AA	20080214	AU2007202946	20070626
AU2007202946 BB	20091001	AU2007202946	20070626
CA2592557 AA	20080125	CA20072592557	20070622
CA2592557 C	20110830	CA20072592557	20070622
CN101112290 A	20080130	CN200710136717	20070725
CN101112290 B	20110824	CN200710136717	20070725
CO5880286 A1	20080131	CO20070074015	20070719
DE502006014916 D1	20160616	DE200650014916T	20060725
EP1884179 A2	20080206	EP20060015511	20060725
EP1884179 A3	20080604	EP20060015511	20060725
EP1884179 B1	20160504	EP20060015511	20060725
ES2577305 T3	20160714	ES20060015511T	20060725
JP2008029837 A2	20080214	JP20070180215	20070709
JP4714713 B2	20110629	JP20070180215	20070709
KR101077936 B1	20111031	KR20070074133	20070724
KR20080010309 A	20080130	KR20070074133	20070724
PL1884179 T3	20161130	PL20060015511T	20060725
RU2007128166 A	20090127	RU20070128166	20070724
RU2373825 C2	20091127	RU20070128166	20070724
SG139685 A1	20080229	SG20070053937	20070723
TR201610196 T4	20160822	TR20160010196T	20060725
TW200806237 A	20080201	TW20070122373	20070621
TWI389657 B	20130321	TW20070122373	20070621
US2008290090 AA	20081127	US20070881221	20070725

Priority:

EP20060015511 20060725 CA20072592557 20070622

Probable Assignee: WMF WURTTMBERGISCHE METALLWARENFABRIK AG

Assignee(s): (std): VMF VJURTTMBERGISCHE METALL VAR ; WMF WURTTMBERG METALLWAREN ; WMF AG ; WMF GROUP GMBH

Assignee(s): VMF VJURTTMBERGISCHE METALL VARENFABRIK AG ; ZIMMERMANN WERNER ; WMF WURTTMBERGISCHE METALLWARENFABRIK AG ; WMF WURTTMBERGISCHE METALLWARENFABRIK AG ; WMF WURTTMBERGISCHE METALLWARENFABRIK AG ; KINDLER MICHAEL ; METZ GUIDO ;

MORMONE MARIA ; NEUMAYER MARTIN ; REINHARD DIETER

Inventor(s): (std): DIETER REINHARD ; GUIDO METZ ; KINDLER MICHAEL ; KINDLER MIKHAEHL ; MARIA MORMONE ;
MARTIN NEUMAYER ; METTS GUIDO ; METZ GUIDO ; MICHAEL KINDLER ; MORMONE MARIA ;
MORMONE MARIJA ; NEUMAYER MARTIN ; NOJMAJER MARTIN ; RAJNKHARD DITER ; REINHARD DIETER
; TSIMMERMANN VERNER ; WERNER ZIMMERMANN ; ZIMMERMAN WERNER ; ZIMMERMANN WERNER

Inventor(s): KINDLER MIKHAEHL'

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; RICHES MCKENZIE AND HERBERT LLP; EMILIO FERRERO;
GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; GRUENECKER KINKELDEY STOCKMAIR AND
SCHWANHAEUSSER ANWALTSSOZIETAET; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB;
MILTENYI PETER; FULYA SUEMERALP; MARSHALL GERSTEIN AND BORUN LLP

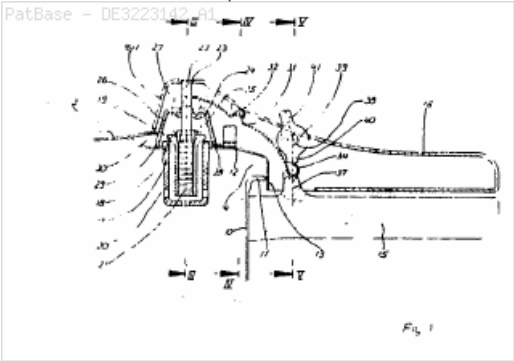
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO
RS SE SI SK TR

Title: Pressure cooker with safety device

Abstract: The invention relates to a pressure cooker having a lid (12) which is held by a bayonet closure and whose radially projecting lid handle (16) is flush with the radially projecting pan handle (15) when the lid is secured and is prevented from being opened by means of a safety device until the interior of the pan has been vented. The venting device of the safety device is combined with the overpressure safety valve usually present on such pressure cookers, in that the counter-bearing (26) for the safety valve compression spring (25) is constructed so as to be arbitrarily movable by means of an actuating member (39) of the safety device. For venting the interior of the pan, the counter-bearing (26) of the safety valve compression spring (25) is adjusted to the extent that the compression spring (25) has no prestress and the safety valve (18/19) acts as a venting valve which responds to the least overpressure in the interior of the pan.

Classifications:

International (IPC 8-9): A47J27/092 (Advanced/Invention);
A47J27/08 (Core/Invention)
International (IPC 1-7): A47J27/09
CPC: A47J27/092
European: A47J27/092



Family:

Publication number	Publication date	Application number	Application date
DE3223142 A1	19831222	DE19823223142	19820622

Priority:

DE19823223142 19820622

Probable Assignee: BRAUN AND KEMMLER
Assignee(s): (std): BRAUN AND KEMMLER
Assignee(s): BRAUN AND KEMMLER GMBH AND CO KG
Inventor(s): (std): BEHNISCH ROLAND

Title: LIDS FOR PRESSURE VESSELS

Abstract: (Claim 1) 1. A lid for attachment to a container of a pressure vessel by a bayonet connection, comprising a radially movable lid locking member mounted at the edge of the lid for selective engagement with a bayonet lip on the container to lock said lid in place on the container, a connecting element movable in concert with said locking member, a member vertically in response to excess pressure in the vessel, and a control knob rotatably mounted on said connecting element for rotation about a vertical axis in use, said control knob having a cam surface on its underside engageable with said pressure responsive member, the arrangement being such that the positions of said locking member and said pressure responsive member are interrelated through said control knob to provide, for respective positions of the control knob; a condition in which the lid is locked in place and excess pressure can build up in the vessel; a condition in which the lid is locked in place and the vessel can be relieved of excess pressure; and a condition in which the lid can be removed and the vessel is relieved of excess pressure.

Classifications:

International (IPC 8-9): A47J27/092 F16J13/12
F16J13/24 (Advanced/Invention);

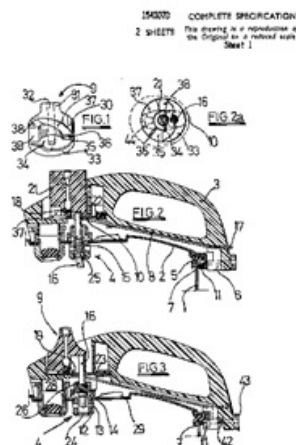
A47J27/08 F16J13/00 (Core/Invention)

International (IPC 1-7): A47J27/08 F16J13/12

CPC: A47J27/092 F16J13/12 F16J13/24

European: A47J27/092 F16J13/12 F16J13/24

PatBase - GB1543070_F

**Family:**

Publication number	Publication date	Application number	Application date
BE830721 A	19751229	BE19751006749	19750627
FR2315248 A1	19770121	FR19760010623	19760412
FR2315248 B1	19800404	FR19760010623	19760412
GB1543070 A	19790328	GB19760026912	19760628

Priority:

BE19750830721 19750627 BE19751006749 19750627

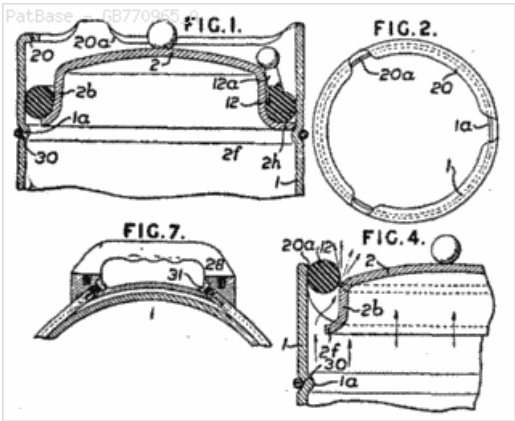
Probable Assignee: TOMADO NV

Assignee(s): (std): TOMADO B ; TOMADO BV ; TOMADO NV

Title: Improvements in or relating to closures of pressure vessels

Abstract: 770,965. Pressure cookers and like vessels. DIENY, A. Oct. 25, 1954 [Oct. 23, 1953; Oct. 30, 1953; Dec. 31, 1953], No. 30631/54. Class 123 (1). A pressure vessel, such as a cooker 1, Figs. 1 and 2 having an inwardly-turned upper rim 20, is closed by a lid 2 which has a cylindrical peripheral part 2b terminating in an outwardlyturned rim 2f of slightly smaller diameter than the inner diameter of the rim 20, and steamtightness between the cooker and lid is secured by an elastic sealing ring 12 which, after insertion of the lid into the cooker, is located on the rim 2f to encircle the lid part 2b and to be compressed between the rims 2f, 20 by the built-up internal pressure. Preferably the cooker rim 20 is cut away at, say, three spaced points 20a, the lid rim 2f being provided with three corresponding extensions 2h adapted, initially, to contact an inner shoulder 1a towards the upper end of the cooker to centre the lid, and the spaces 20a permitting parts of the sealing ring 12 to be bent upwardly, Fig. 4, by internal over-pressure to release the latter. The sealing ring 12, which may be of circular or elliptical cross-section and, if desired, reinforced by a helical spring core, is formed with an outwardly-projecting hand grip 12a to facilitate its removal from the lid after the cooking operation. The lid may be provided with a pressurerelease valve, fusible safety plug, c. Opposed handles 28, Fig. 7, on the cooker are secured to one another and to the cooker by a pair of rods 30 which engage an outer groove in the cooker wall, corresponding to the internal shoulder 1a, and have their ends connected to the handles by screws 31.

Classifications:
International (IPC 8-9): A47J27/08 (Advanced/Invention);
A47J27/08 (Core/Invention)
International (IPC 1-7): A47J27/08
CPC: A47J27/08
European: A47J27/08



Family:

Publication number	Publication date	Application number	Application date
GB770965 A	19570327	GB19540030631	19541025

Priority:

19531023

Probable Assignee:

ALFRED DIENY

Assignee(s): (std)

ALFRED DIENY

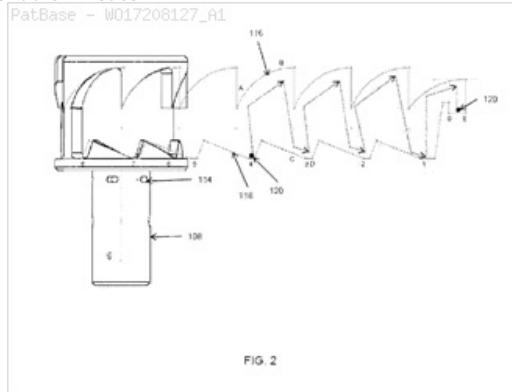
Title: PRESSURE COOKER REGULATOR WITH WHISTLE COUNTER

Abstract: Proposed invention discloses a mechanical regulator with an inbuilt whistle counter for a pressure cooker. The regulator has two concentric cylinders wherein the innercylinder is fixed and has opposing saw tooth arrangements on its upper and lower periphery while the outer cylinder termed as dead weight cylinder is rotateable over a pin. The pin moves in a sleeve that has a steam vent. Pressure of steam causes the pin to move up until the steam vent releases steam causing a whistle and the pin drops down. This up and down motion of the pin is transferred to a follower pin through the dead weight cylinder. The follower pin moves over contours formed by the opposing saw tooth arrangements to create a stepped rotary motion that is transferred to the dead weight cylinder and used to count the whistles.

Classifications:

International (IPC 8-9): A47J27/00 A47J27/08 (Advanced/Invention)

CPC: A47J27/092 A47J27/0802



Family:

Publication number	Publication date	Application number	Application date
IN201621018465 A	20171201	IN201621018465	20160530
WO17208127 A1	20171207	WO20171B53135	20170527

Priority:

IN201621018465 20160530

Probable Assignee: SATHE PRASHANT PARASHURAM

Assignee(s): (std): SATHE PRASHANT PARASHURAM

Inventor(s): (std): SATHE PRASHANT PARASHURAM

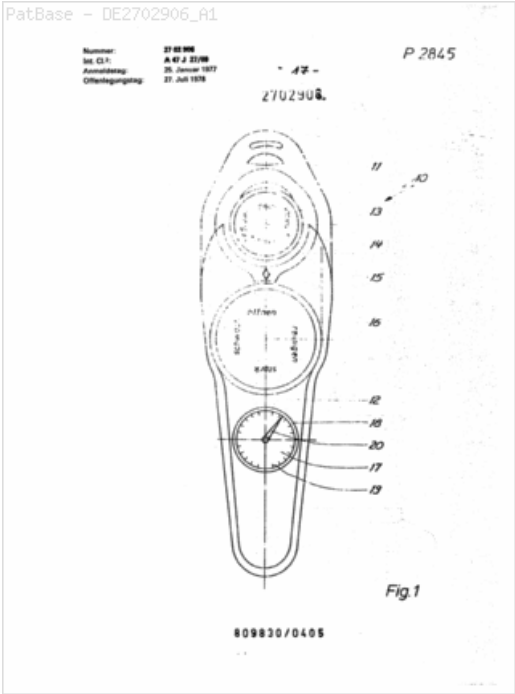
Agent(s): KHURANA AND KHURANA ADVOCATES AND IP ATTORNEYS

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

Title: PRESSURE COOKER LID WITH INSTANT VIEW OF PRESSURE STATE - HAS TIME OR PRESSURE CONTROLLED SWITCH FOR TURNING HEAT DOWN OR OFF

Abstract: The pressure cooker lid is held by a bayonet lock and has a safety pressure system. There is a safety lock and an adjustable pressure limit valve wherein both the latter can be operated by a single common rotatable setting member (13') which is mounted in the radially extending handle (10) of the lid. An additional switch member (16') is also provided which can be moved in dependence on time or pressure and controls a device for turning down or switching off the heat supply to the pressure cooker. This switch member can be a tension spring system which is coupled to an adjustable timer clock and which is also in driving connection with a slide member which acts on a lift rod which is longitudinally displaceable on the side of the cooker so as to raise the latter from the heat.

Classifications:
International (IPC 8-9): A47J27/08 A47J27/092 A47J27/64 (Advanced/Invention); A47J27/08 A47J27/56 (Core/Invention)
International (IPC 1-7): A47J27/09
CPC: A47J27/0802 A47J27/092 A47J27/64
European: A47J27/08C A47J27/092 A47J27/64



Family:

Publication number	Publication date	Application number	Application date
DE2702906 A1	19780727	DE19772702906	19770125

Priority:
DE19772702906 19770125

Probable Assignee: BRAUN AND KEMMLER
Assignee(s): (std): BRAUN AND KEMMLER
Inventor(s): (std): BEHNISCH ROLAND