

200 Documents

Publication numbers	Title	Current assignees
WO201609252 A1	Metal receptacle for microwave ovens	ENVASES UNIVERSALES DE MÉXICO
EP2245376 A2	Apparatus for preparing a food item in a microwave oven	GRAPHIC PACKAGING, ...
US4689458 A	Container system for microwave cooking	ALUMINUM
US5961872 A	Metal container and use thereof in a microwave oven	CAMPBELL SOUP
EP2639171 A2	Microwave heating tray	GRAPHIC PACKAGING
EP-596101 A1	Metal container and use thereof in a microwave oven	CAMPBELL SOUP
EP1059245 A1	Container and method for heating rapidly and evenly frozen foods in microwave oven	NESTEC
US4560850 A	Container with steam port for use in microwave ovens	ALCOA
US4703148 A	Package for frozen foods for microwave heating	GENERAL MILLS
EP-246041 A2	Microwave container	ALCAN INTERNATIONAL
US5117078 A	Controlled heating of foodstuffs by microwave energy	CAMINE RESOURCES, ...
EP2252156 A1	Microwave foam product	GENERAL MILLS
EP2245375 A2	Apparatus for cooking raw food items in a microwave oven	GRAPHIC PACKAGING
EP-990597 A1	Container for microwave cooking	BESTFOODS
EP2967246 A1	Container with heating features	GRAPHIC PACKAGING
EP-128425 A1	Container	FP
NL1019380 C1	Foodstuff dish for microwave oven has compartments of a material that influences microwave radiation	SHIELTRONICS
NL1019261 C2	Foodstuff dish for microwave oven has compartments of a material that influences microwave radiation	SHIELTRONICS
US4558198 A	Metal container system for use in microwave ovens	ALCOA
EP1364558 A1	Microwave cooking tray and sleeve assembly	STEAMWAY FRANCHISE SALES
EP2155025 A1	Removable lid for cooking or heating food in a microwave oven	PRALUS GEORGES
EP1480879 A2	Insulating microwave interactive packaging	GRAPHIC PACKAGING
EP3012209 A1	Collapsible container	DODE
WO2018100245 A1	Top hood and a measurement system	WICIOT
WO200469014 A1	Method for cooking and conversion and means of carrying out said method	ROQUEFERE JACQUES
US20180057245 A1	Stackable microwave tower	ANDERSON JUDITH MARIE
WO201159114 A1	Heating container for use with microwave oven	KOBAYASHI PHARMACEUTICAL, ...
DE9110237 U1		MELITTA

Publication numbers	Title	Current assignees
EP-380306 A2	Microwavable containers useful for controlled heating.	BOC
EP2106517 A1	Even heating microwavable container	GRAPHIC PACKAGING
EP-185488 A2	Container heated by microwave oven	HOUSE FOOD INDUSTRIAL
EP1935300 A1	Food support for use in a microwave oven	MANITOWOC FOODSERVICE
US20060043093 A1	Cooking apparatus and method of use	QUICKWAVE INTERNATIONAL
WO200341544 A1	Heating container for microwave oven, packaging body for heating microwave oven, and method of re-using the packaging body	MEIWA PAX
WO200247523 A1	Microwave oven-compatible paper cup and method of manufacturing the paper cup	DAI NIPPON PRINTING
US5126520 A	Shielded cover for a microwave container	G & S METAL PRODUCTS
WO8902210 A1	Method and container for producing batter-based baked goods	DEPOSITION TECHNOLOGY
EP-650906 A2	Container for producing popcorns in a microwave oven	PLASTICOS DE GALICIA S A
EP1571097 A1	Microwave heating attachment	NESTEC
EP-242701 A1	Plastic dish-like piece of crockery for a microwave oven	MELITTA WERKE BENTZ & SOHN
EP2150091 A1	Microwave heating apparatus	GRAPHIC PACKAGING
US4724290 A	Microwave popcorn popper	CAMPBELL MASON M
EP1681970 A1	Supportive device for microwave heating and cooking of food	JULIO GOMEZ
US4133996 A	Microwave oven egg cooking apparatus	FREAD RONALD G
EP3036171 A2	Covers and containment systems and methods for food service pans	M & Q IP LEASING
US20020020702 A1	Food container to be treated by electronic oven and packaged food using this container	SNOW BRAND MILK PRODUCTS
US20110259882 A1	Microwave splatter prevention fabric cover and method	SPLATTERSTOP
WO200343474 A2	Microwaveable dish for supporting material which is to be treated in a microwave oven, in particular for foodstuffs to be prepared therein	SHIELTRONICS
GB201622318 D0	Apparatus for cooking	MELLERSH SUZANNA
EP1234534 A1	Device for making pop-corn in a microwave oven	WAHAB ABDUL MATIN
DE4410807 A1	Boiling eggs in shell	SCHMITZ RAIMUND DR
EP3334663 A1	Microwave heating package with polarized shield	FIELD CONTAINER QUERETARO, ...
EP1452071 A1	Microwave packaging with indentation patterns	GRAPHIC PACKAGING
BR102017023480 A1	MODULAR SYSTEM OF THE METAL CONTAINER FOR	ENVASES UNIVERSALES

Publication numbers	Title	Current assignees
	OVEN OF MICROWAVES WITH A COVER AND A UTENSIL FOR FEEDING	DE MÉXICO
FR2868757 A1	Food product e.g. vegetable, cooking process, involves maintaining degassing valve in closed position to produce immediate re-condensation of vapor, which leads to creation of air space drawing barrier film till it covers products	CONCEPT NATURE COM LAB
EP1824915 A1	Ovenware for microwave oven	DU PONT DE NEMOURS
US20180153339 A1	Microwave bacon cooker with lid	HINRICHSEN WILLIAM GEORGE
DE4415226 A1	Receptacle for microwave oven	SCHMITZ RAIMUND DR
EP--22577 A1	Cooking vessel for microwave oven	TOSHIBA
EP2825480 A1	Packaging having field modifiers for improved microwave heating of cone-shaped products	CONEINN MARKETING
US4880951 A	Food preparation kit for use in cooking food in microwave oven or in thermal oven	GENERAL HOUSEWARES
WO200452769 A2	Differential temperature microwavable container	MARS
EP2902338 A1	Packaging container and packaged product contained in said packaging container, and manufacturing method and manufacturing apparatus for said packaging container	CHOKOKU PLAST
EP-350660 A2	Composite sheet stock for microwave heating and receptacle	NESTLE
KR20170129358 A	Scorched rice cooker for microwaver oven	PELTYTECH
WO200739676 A1	Method and device for cooking food products with microwaves in a tray-type packing, and packaging obtained by carrying out the invention	CONCEPT NATURE COM LAB
WO9532603 A1	Microwave ovenware apparatus, hydrating microwave ovens and microwave water purifier	CLIFFORD C STRAIT JR, ...
US4989748 A	Moisture recirculating cover for microwave oven dish	PARR JR GUY H, ...
DE4415967 A1	Boiling eggs in microwave oven	SCHMITZ RAIMUND DR
DE3926914 A1	Three part dish for microwave oven - has outer bowl supporting insert with edge perforations for steam and lid	MELITTA WERKE BENTZ & SOHN
US20150313406 A1	Multi-purpose microwave cookware	PARK JONG PETER
EP1512641 A1	Container for food product	HUHTAMAKI FRANCE
US20020092791 A1	Container with improved stacking/denesting capability	FIELD CONTAINER QUERETARO, ...
EP-650905 A2	Microwave impedance matching package for microwave cooking	GRAPHIC PACKAGING
US5088179 A	Method of forming a microwaveable container	JMK INTERNATIONAL
EP-752379 A1	Microwave receptive heating sheets and packages containing them	CONAGRA, ...
EP2019049 A1	Package body for cooking by microwave oven	TOYO SEIKAN KAISHA

Publication numbers	Title	Current assignees
WO9505770 A1	Lobster cooking vessel for microwave ovens	SAMUEL A CYR
GB9317217 D0	Device to prevent boiling over in microwaves	WETTERN LAURENCE PATRICK
US20150034633 A1	Enhanced processes for optimized and sustainable tortilla-based microwave appliances and products thereby	KINNEY BRADFORD D
WO9906306 A1	Microwave popcorn package	RYT WAY INDUSTRIES
KR101880704 B1	Cooking container for microwave oven	APC TEC
US20180370712 A1	Microwave compatible container and method of use to heat food	RUSH SHLOMO
US20180103795 A1	Microwavable food package apparatus and method	SINCLAIR CALLAN
WO201745388 A1	Separable microwave baking tray	FOSHAN SHUNDE HELPER ELECTRIC TECHNOLOGY
US4859822 A	Microwaveable container	TENNECO PLASTICS
US4768264 A	Wax paper clamp for pots	KUNNA PAUL E, ...
EP2433528 A1	Container for food	CASA SI MARKETING & VERTRIEBSGMBH, ...
WO201261959 A1	Push type vacuum seal general container	SONG XUBIN
US6325234 B1	Microwave dish cover	LEGASPI CHRISTOPHER P.
WO9533360 A1	Microwave baking pan	KANSAS STATE UNIVERSITY
DE4237974 A1	Microwave oven dish with absorbent coating - has coating applied to base and up part of sides, and has flat handle	SELNAR MARTIN 8500 NUERNBERG
EP-327586 A1	Food container and method of manufacturing	GENERAL MILLS MARKETING
US4661672 A	Container for use in heating by microwave oven	HOUSE FOOD INDUSTRIAL
EP3289928 A1	Dish comprising a bottom equipped with draining and holding pits	ITALIANA PLAST
DE202005010608 U1	Kitchen utensil holder with a plate-like body with an elastic film in the center and strengthened at the rim useful for fresh food, microwave ovens and table mats	COOK WORLD
EP2296999 A2	Microwave heating container	GRAPHIC PACKAGING, ...
US6350974 B1	Handled, microwave popcorn service apparatus	GARCIA BERENICE, ...
US5065889 A	Covered dish with vent	DART INDUSTRIES
EP-288862 A1	Container with whistling device for thermally cooking food.	NAKAMURAYA, ...
US20180153340 A1	Micro-Active Thermoelastomer Heated Food Accessories	V2 FITNESS
EP3234469 A1	Microwave safe container	CASA BRANDS INDIA PVT
EP1765972 A2	Packaging material and method for microwave and steam cooking of perishable food product	MIRTECH
KR20180000499U U	Microwave containers	PARK, WON BIN

Publication numbers	Title	Current assignees
WO2014111658 A1	Container intended to contain food products	MASTRAD
EP1938716 A1	System container for cooking pasta by electronic oven	NEWS CHEF
WO2015123106 A1	Nestable packages	QUAKER OATS
WO200535228 A1	Microwave cooking container with improved lid design	STEAMWAY
KR20130006972U U	A Silicon Pot	KIM, BYUNG-KI
WO2007146651 A2	Microwavable bag or sheet material	GLAD PRODUCTS
US20160367074 A1	Container for microwave oven cooking	KAO CHIA LIN
DE9201599 U1		HP HAUSHALTSPRODUKTE
EP2204114 A1	Microwave steam cooking container system	DART INDUSTRIES
EP2177457 A1	Vacuum container	GIO STYLE LIFESTYLE
EP1731001 A1	Microwavable metallic container	BALL METALPACK
WO2013146592 A1	Instant food packaged in container, method for cooking instant food packaged in container, and container for instant food	NISSIN FOODS
US4998000 A	Closure device for microwavable vessels	HALLORAN EDWARD J
US20030068411 A1	Microvaveable pasta product	CONAGRA GROCERY PRODUCTS
US4642434 A	Microwave reflective energy concentrating spacer	GOLDEN VALLEY FOODS
GB201300935 D0	Stirring device for use in a microwave	GREENSTREET DAVID MARK
EP2724593 A2	Microwave heating construct for frozen liquids and other items	GRAPHIC PACKAGING
US20050230384 A1	Microwave interactive flexible packaging	GRAPHIC PACKAGING, ...
EP1859652 A2	Microwavable metallic container	BALL AEROSOL & SPECIALTY CONTAINER, ...
JP02180219 A	Container for microwave oven	MIZOGUCHI KYOKO
EP-206811 A2	Microwave container	ALCAN INTERNATIONAL
US4450334 A	Microwave pizza maker	RAYTHEON
EP2906480 A1	Microwavable food packaging, and related products and methods	GENERAL MILLS
US4555605 A	Package assembly and method for storing and microwave heating of food	GRAPHIC PACKAGING
EP1398278 A1	Food container with easy open seal	NORTHERN FOODS
US20030029865 A1	Eared metal food-heating tray for microwave oven	JINDA PLASTIC METAL PRODUCTS S
EP-486221 A1	Method and apparatus for use in microwave heating.	KRAFT FOODS
US5552585 A	Microwave cooking vessel with removable food supports	DE F
EP-161739 A2	Microwave heating package	ALCAN INTERNATIONAL

Publication numbers	Title	Current assignees
US20190002181 A1	Packaging sheet for elevated-temperature use	BEMIS
WO2016187539 A2	Microwavable food package apparatus and method	SINCLAIR CALLAN
US20090294439 A1	Even heating microwavable container	GRAPHIC PACKAGING, ...
US20070116806 A1	Food tray	CONAGRA FOODS
US5294764 A	Reusable microwave popcorn container for popping and dispensing corn karnels and recreational use	MASS; LAWRENCE
EP-271981 A2	Microwave container	ALCAN INTERNATIONAL
EP-279659 A2	Package and method for microwave heating of a food product	MRS PAUL S KITCHENS
EP-326811 A1	Package for reconstituting a frozen pie or the like.	NESTLE
US20050029254 A1	Microwave reflecting container	REYNOLDS CONSUMER PRODUCTS, ...
FR2665067 A1	COOKING VESSEL FOR USE WITH MICROWAVE OVENS HAS.	TOSHIBA
EP2195578 A2	Microwave heating sleeve	GRAPHIC PACKAGING
EP-440792 A4	Sealed container for cooking in microwave range	TOYO SEIKAN KAISHA
EP-291309 A2	Microwave container and method of use	ALCAN INTERNATIONAL
JP2003165581 A	Stackable package of foamable food	TOPPAN PRINTING, ...
KR20110020603 A	Steamed dish container for microwave oven	DAEWOO ELECTRONICS
US20090050624 A1	Top-a-plate	VENTURA WENDY RAE
US20160255994 A1	Stir-through lid for cookware	TONOGA
FR2904207 A3	Cover for cooking container e.g. pan and paella pan, has body with glass part allowing to visualize interior of container when cover covers container, and lifter connected to valve tilting with respect to upper inlet loop of funnel	INDUSTRY IRIS
EP1029490 A1	Lid for cooking utensil	SEB
EP-622309 A1	Container with cover and foodbox to transport previously prepared foods	LENGSFELD RHOEN PORZELLAN, ...
EP-428203 A2	A method of simultaneously microwave heating or baking plural articles, and concomitant package.	PROCTER & GAMBLE, ...
US4317017 A	Microwave steamer	RAYTHEON
US4280032 A	Egg cooking in a microwave oven	LEVINSON MELVIN L
WO200743956 A1	Container device and its use	DANIELSON NIKLAS
EP1497199 A1	Uniform microwave heating of food in a container	NESTLE
WO2018102273 A1	Microwavable packages and food products	KRAFT FOODS
US20170280930 A1	Microwavable Cooking Sheet, System and Method	SIMPLE WISE DESIGNS
US20070045302 A1	Microwave overheating prevention container	THERMOS LIABILITY, ...
EP1749757 A2	Package for steam cooking of food in a microwave oven	GEEST

Publication numbers	Title	Current assignees
EP1715727 A2	Defrost vessel for microwave oven	LG ELECTRONICS
EP-382399 A2	Methods and devices used in the microwave heating of foods and other materials.	ALCAN INTERNATIONAL
EP3003902 A1	Package for combined steam and microwave heating of food	GRAPHIC PACKAGING, ...
US20150259124 A1	Travel mug for microwave oven	PARK JONG PETER
EP-921992 A1	Microwavable container	FIELD CONTAINER QUERETARO, ...
EP2212219 A1	Cooking apparatus and food product	CONAGRA FOODS
US5837979 A	Microwave cooking vessel with removable food supports and storage clip	DE F
EP-451530 A2	Microwave susceptor sheet stock with heat control	NESTLE
US4906806 A	Cooking kit with heat generating member for microwave oven and methods for microwave cooking	LEVINSON MELVIN L
WO2007123611 A1	Microwavable construct for heating, browning, and crisping rounded food items	GRAPHIC PACKAGING
EP1840047 A1	Microwavable construct for heating, browning and crisping rounded food item	FIELD CONTAINER QUERETARO, ...
EP1419721 A1	Cooking vessel used with microwave ovens	SAMSUNG ELECTRONICS
EP1437957 A1	Device and procedure for cooking a food product with microwaves	DE LONGHI
EP1046346 A2	Microwavable pasta in a bowl	BESTFOODS
EP2272303 A2	Microwave energy interactive tray and wrap	GRAPHIC PACKAGING
EP1845031 A1	Container for retort pouch food	PACKS
GB200517559 D0	Self-stirring microwave bowl	CLARKE ANDREW SINCLAIR
EP-627156 A1	Microwave food heating package with accordion pleats	MCCAIN FOODS
EP-534977 A1	Microwave corn popping package	GOLDEN VALLEY MICROWAVE FOODS
WO200520710 A1	Packaged frozen sushi and methods of manufacturing and cooking the same	POLAR STAR
US5008024 A	Microwave corn popping package	CONAGRA
KR20110043372 A	An throwaway food courage which is used at the former range	KANG, SUK-HO
US4894503 A	Packages materials for shielded food containers used in microwave ovens	GENERAL MILLS MARKETING
EP-580570 A1	Two-stage process for cooking/browning/crusting food by microwave energy and infrared energy	LEVINSON MELVIN L
EP2007653 A1	Microwavable packaging for food products	HEINZ, ...
EP-506841 A1	Microwave food package	PROCTER & GAMBLE

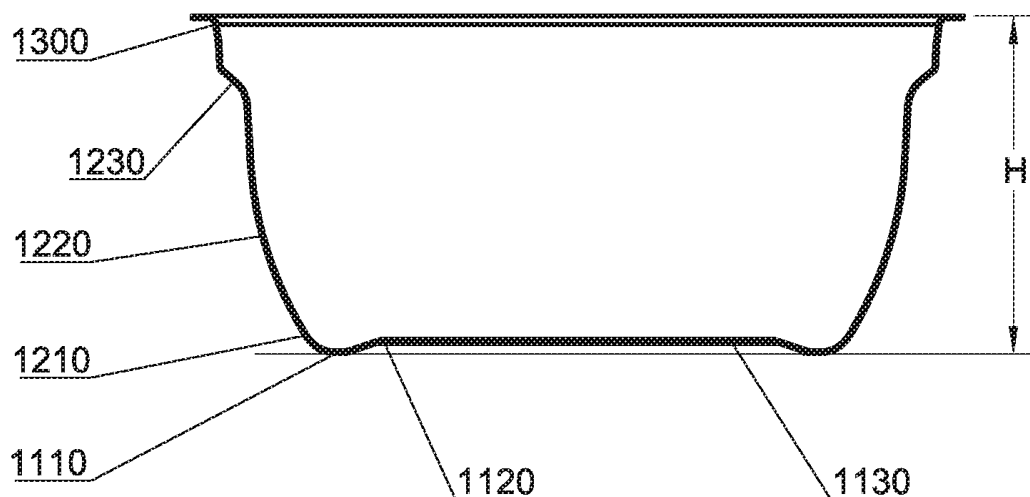
Publication numbers	Title	Current assignees
EP-320294 A2	Microwave cooking package.	DU PONT DE NEMOURS
GB8700655 D0	Microwave cooking	SMALL C J C
GB8307787 D0	Microwave oven vessel	CHETHAM PATRICIA
EP2982661 A1	Method for manufacturing exothermic ceramics for microwave oven and exothermic ceramics for microwaves	PARK HO
EP1325264 A1	Method for cooking rice	ORIENTAL MERCHANT
EP-859724 A1	Microwave package for hamburgers and french fries	CONAGRA FOODS
EP-496130 A2	Microwave susceptor incorporating a coating material having a silicate binder and an active constituent.	AURORA FOODS, ...
EP-471969 A1	Easy open microwave susceptor sleeve for pizza and the like	NESTLE
WO9213432 A1	Cooking food in a food preparation kit in a microwave and in a thermal oven	LEVINSON MELVIN L
EP1655240 A1	Microwavable package	GRAPHIC PACKAGING
WO9219515 A1	Pizzabox for microwave heating	BECKETT INDUSTRIES
JP03176385 A	Container for use in electronic range	TOYO SEIKAN KAISHA

Family 1/200 - FAMPAT - ©Questel

Title

(WO201609252)

Metal receptacle for microwave ovens

Images**Publication data including kind & date**

BR112017000758	A2	2017-11-21	BR112017000758
US20170202393	A1	2017-07-20	US20170202393
CR20170046	A	2017-04-27	CR201700046
MX2017000563	A	2017-03-08	MX2017000563
BR112017000758	A1	2017-01-24	BR112017000758
WO2016/009252	A1	2016-01-21	WO201609252
CA2954735	A1	2016-01-21	CA2954735

**Abstract**

(WO2016/009252)

The invention relates to a metal receptacle for microwave ovens, the receptacle comprising an integrally moulded body which in turn comprises: a base enabling the receptacle to rest on a surface; and a wall divided into at least one wall section extending from the perimeter of the base in order to hold products, with a maximum height of 40 % of the length of the radiation wave emitted by the microwave oven. All the angles formed by the inner part of the receptacle at the intersection of planes between the sections are greater than 90° ($\pi/2$ radians) and these intersections have the form of chamfers with an arcuate section having a radius of at least 0.5 mm, the ends of the arc being at the points at which the planes which intersect in order to form the angles are tangential to the arc.

Inventors

ALVAREZ-ZAVALA ALBERTO

Latest standardized assignees - inventors removed

ENVASES UNIVERSALES DE MÉXICO

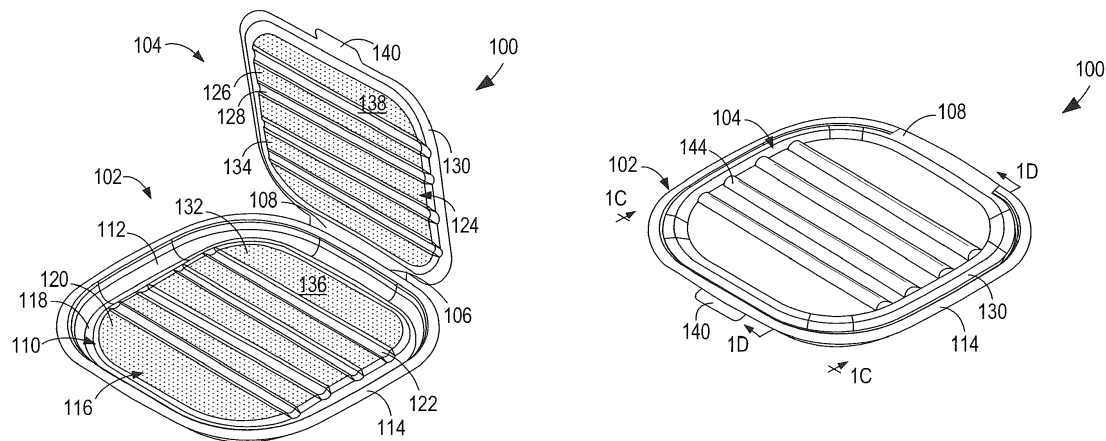
Family 2/200 - FAMPAT - ©Questel

Title

(EP2245376)

Apparatus for preparing a food item in a microwave oven

Images



Publication data including kind & date

US10351329	B2	2019-07-16	US10351329
CA2715627	C	2015-02-03	CA2715627
ES2523716	T3	2014-12-01	ES2523716
US20140339222	A1	2014-11-20	US20140339222
US8872079	B2	2014-10-28	US8872079
EP2245376	B1	2014-10-15	EP2245376
EP2245376	A4	2013-05-01	EP2245376
EP2245376	A2	2010-11-03	EP2245376
WO2009/105398	A3	2009-11-12	WO2009105398
WO2009/105398	A2	2009-08-27	WO2009105398
CA2715627	A1	2009-08-27	CA2715627
US20090206075	A1	2009-08-20	US20090206075



Abstract

(EP2245376)

An apparatus for preparing a food item in a microwave oven comprises a tray including a plurality of elevated heating areas and a plurality of channels disposed between the elevated heating areas, the elevated heating areas each including a microwave energy interactive material, a cover pivotably connected to the tray for pivoting the cover relative to the tray between an open position and a closed position, and a locking feature operative for releasably maintaining the cover in the closed position.

Inventors

LAFFERTY TERRENCE P

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

BLUEGRASS LABELS

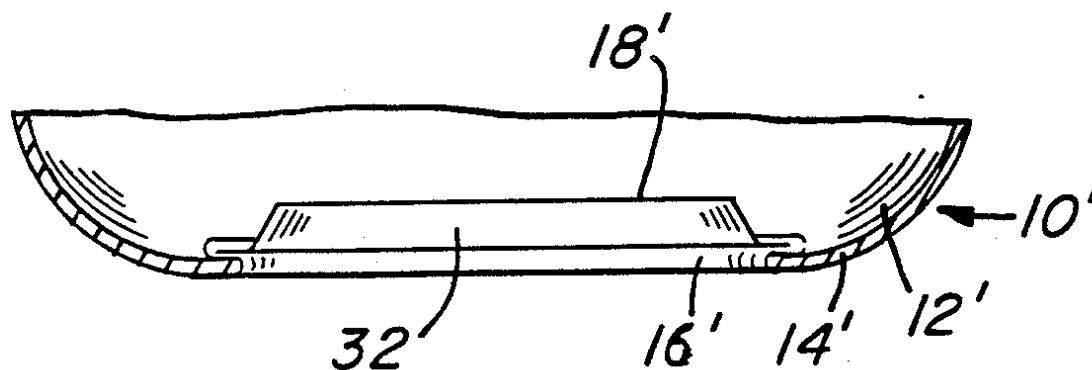
Family 3/200 - FAMPAT - ©Questel

Title

(US4689458)

Container system for microwave cooking

Images

**Publication data including kind & date**[US4689458](#)

A

1987-08-25

US4689458

**Abstract**

(US4689458)

An improved metallic food container system especially adapted for cooking dough or pastry based foodstuffs in a microwave oven and including improved configurations of microwave opaque and microwave transparent container portions as well as an improved dome or cover structure therefor.

Inventors

LEVENDUSKY THOMAS L

BENSON ARTHUR

Latest standardized assignees - inventors removed

ALUMINUM

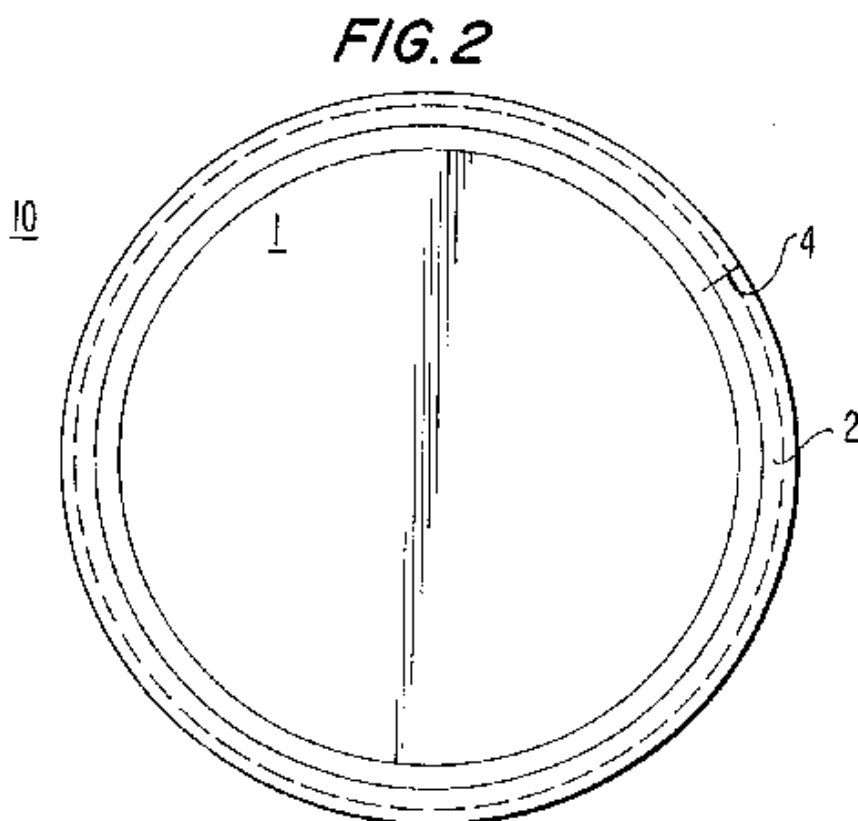
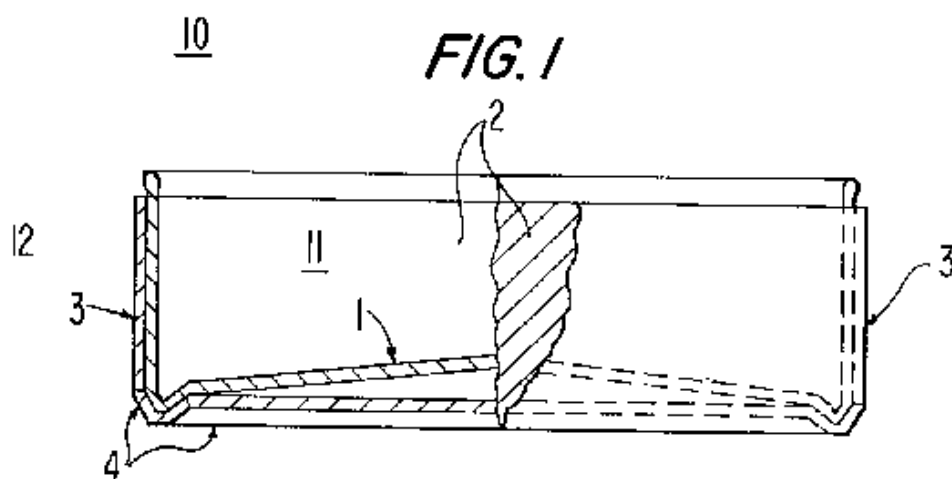
Family 4/200 - FAMPAT - ©Questel

Title

(US5961872)

Metal container and use thereof in a microwave oven

Images

**Publication data including kind & date**[US5961872](#)

A 1999-10-05 US5961872

**Abstract**

(US5961872)

A metal container which can be utilized in a microwave oven has an interior and an exterior defined by a bottom and at least one side wall. Each side wall has a height which does not exceed 40 percent of the wavelength of the microwave radiation. The container is adapted to receive an object into its interior through an open top. Microwave-transparent electrical insulation is disposed on each side wall and on that part of the bottom which would, in the absence of insulation, contact the floor of the oven. This microwave transparent electrical insulation may be a coating on the metal, a label, or a sleeve placed around the container. A microwave transparent, electrically-insulating cap is removably disposed at the top of the container. The top of the container also may have a removable seal disposed thereon. Also, a method for storing an

	A	2010-12-02	JP2010536662				
CN101677705	A	2010-03-24	CN101677705				
EP2146606	A2	2010-01-27	EP2146606				
JP2009537408	A	2009-10-29	JP2009537408				
WO2008/144343	A3	2009-01-29	WO2008144343				
EP2018326	A2	2009-01-28	EP2018326				
WO2008/144343	A2	2008-11-27	WO2008144343				
CA2687295	A1	2008-11-27	CA2687295				
CA2937567	A1	2008-11-27	CA2937567				
WO2007/133767	A8	2008-02-21	WO2007133767				
WO2007/133767	A3	2008-01-10	WO2007133767				
WO2007/133767	A2	2007-11-22	WO2007133767				
CA2650442	A1	2007-11-22	CA2650442				

Abstract

(EP2639171)

A tray for heating, browning, and/or crisping a food item in a microwave oven comprises a substantially planar base, a platform extending upwardly from the base, and a microwave energy interactive element overlying at least a portion of the platform.

Inventors

LAFFERTY TERENCE P

WNEK PATRICK H

Latest standardized assignees - inventors removed

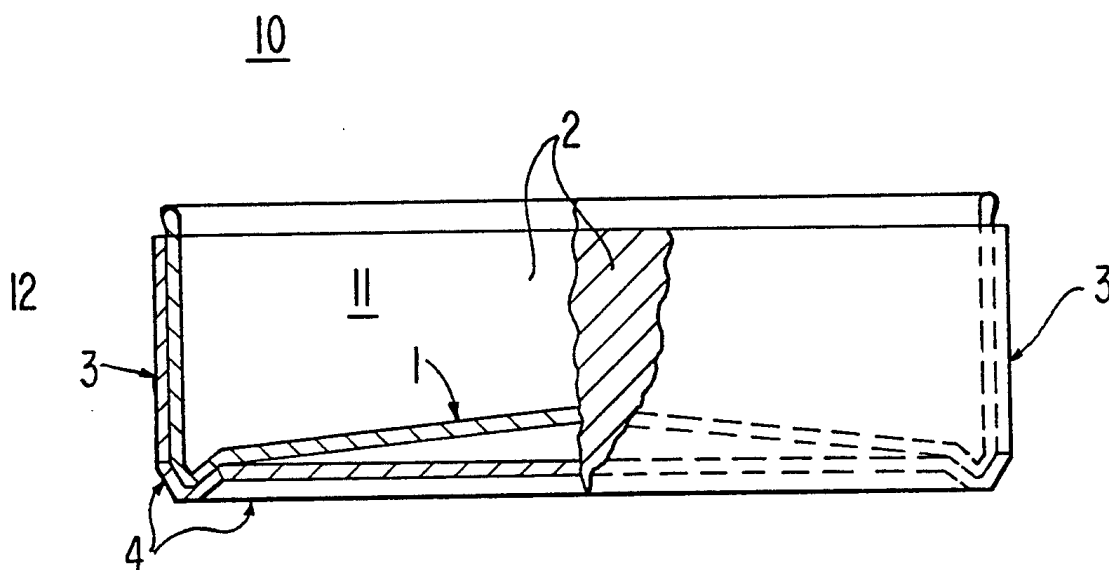
GRAPHIC PACKAGING

Family 6/200 - FAMPAT - ©Questel

Title

(EP-596101)

Metal container and use thereof in a microwave oven

Images**Publication data including kind & date**

EP0596101	A4	1997-01-29	EP-596101				
EP0596101	A1	1994-05-11	EP-596101				
WO93/23971	A1	1993-11-25	WO9323971				

CA2113812

A1 1993-11-25 CA2113812

Abstract

(EP0596101)

A metal container (10) which can be utilized in a microwave oven has an interior (11) and an exterior (12) defined by a bottom (1) and at least one side wall (2). Each side wall (2) has a height which does not exceed 40 % of the wavelength of the microwave radiation. The container (10) is adapted to receive an object into its interior (11) through an open top (9). Microwave-transparent electrical insulation (3) is disposed on each side wall (2) and on that part of the bottom (1) which would, in the absence of insulation (4), contact the floor of the oven. This microwave transparent electrical insulation (3) may be a coating on the metal, a label, or a sleeve placed around the container (10). A microwave transparent, electrically-insulating cap (6) is removably disposed at the top (9) of the container (10). The top (9) of the container (10) also may have a removable seal (5) disposed thereon. Also, a method for storing an object, then subjecting the object to microwave radiation is also disclosed.

Inventors

SIMON FREDERICK E

GREEN F RICK

ILIESCU KELLY A

Latest standardized assignees - inventors removed

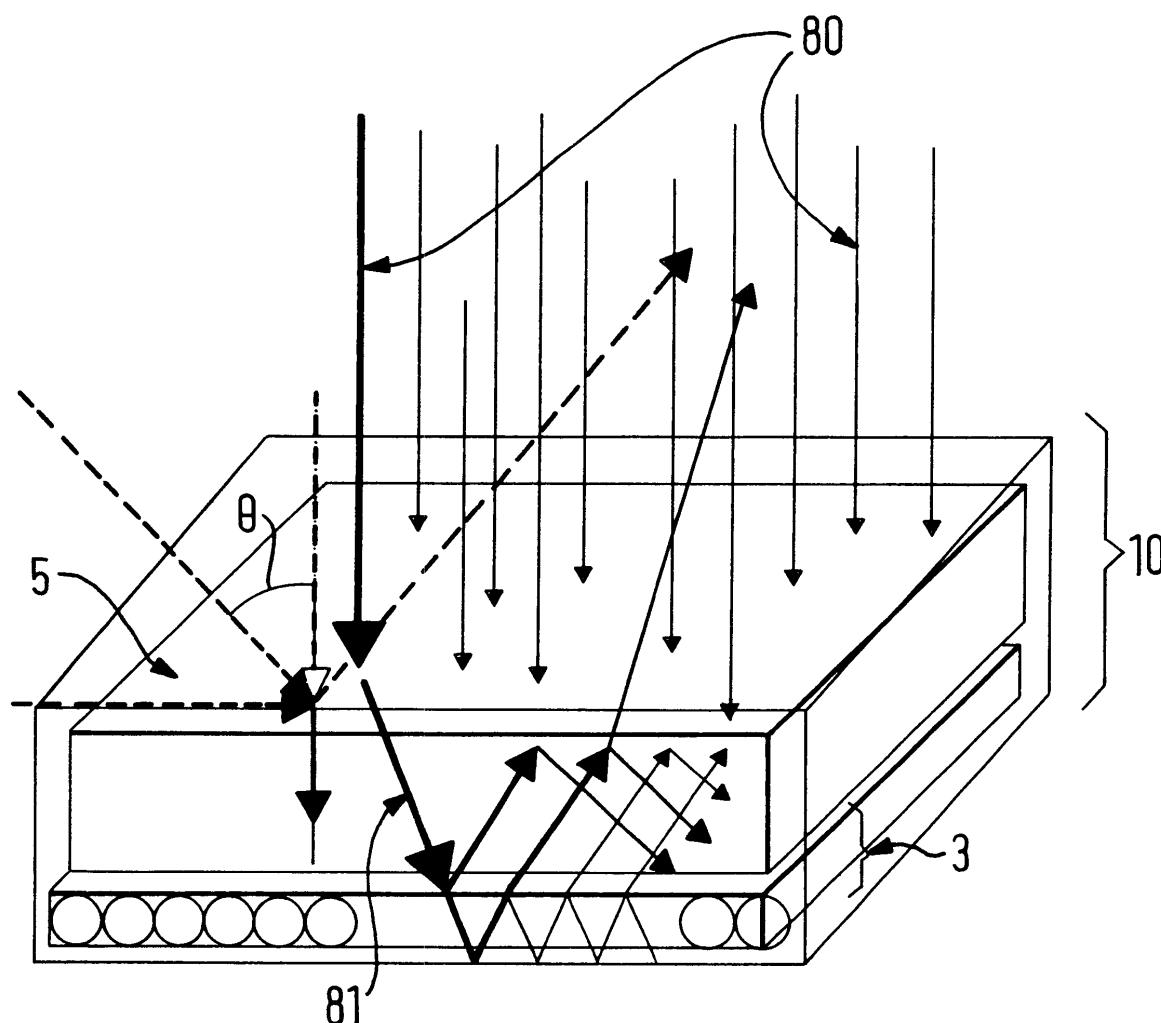
CAMPBELL SOUP

Family 7/200 - FAMPAT - ©Questel

Title

(EP1059245)

Container and method for heating rapidly and evenly frozen foods in microwave oven

Images

lid is provided for the tray. In a preferred embodiment, the tray's bottom defines a steam port that, during heating, allows steam to escape therethrough and travel along the tray bottom to further heat the tray bottom and thus the tray's contents.

Inventors

LEVENDUSKY THOMAS L

BENSON ARTHUR

Latest standardized assignees - inventors removed

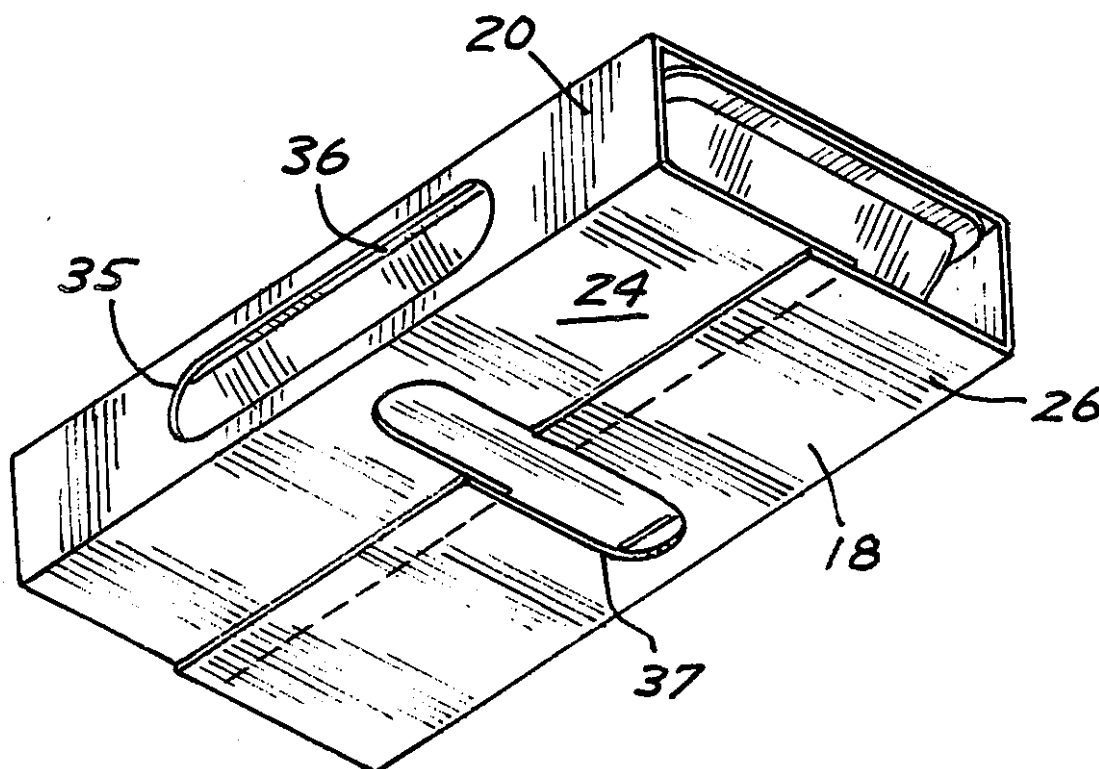
ALCOA

Family 9/200 - FAMPAT - ©Questel

Title

(US4703148)

Package for frozen foods for microwave heating

Images**Publication data including kind & date**

CA1281007	C	1991-03-05	CA1281007
US4703148	A	1987-10-27	US4703148

**Abstract**

(US4703148)

Disclosed are packaged frozen food articles which are adapted to be heated by microwave. The articles include a frozen food item and a microwave heating package. The packages include a tray and an overwrapped paperboard carton having a microwave shield and having a plurality of windows in the sleeve. The package further includes an opposed pair of spaced parallel upper and lower microwave susceptor heating cards each comprising an inner heating layer mounted on a mounting board, and spacers for spacing the heating cards from the microwave shield such as a spaced pair of corrugated paperboard spacers intermediate the microwave shield and the heating cards. The heating layers are in direct contact with the food items and can comprise a metallized film. The microwave shield can be a foil such as aluminum foil.

Inventors

MIKULSKI BARRY S

MCDONALD DUANE L

DEFFENBAUGH LYNN B

Latest standardized assignees - inventors removed

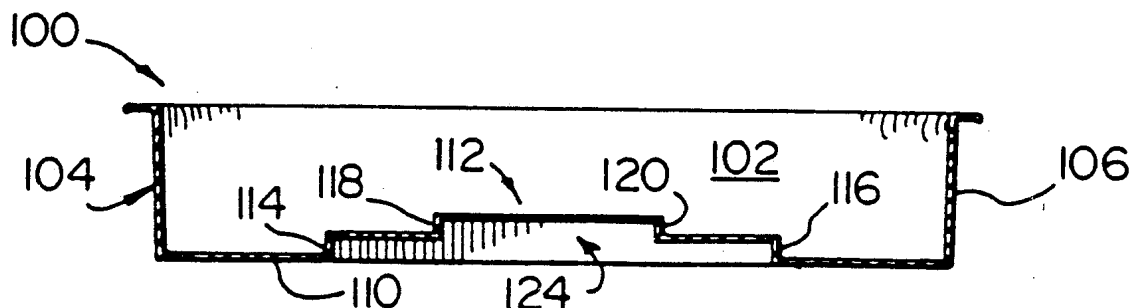
GENERAL MILLS

Family 10/200 - FAMPAT - ©Questel

Title

(EP-246041)

Microwave container

Images**Publication data including kind & date**

BRPI8702358	A1	1993-11-23	BR8702358
DE3786370	T2	1993-10-28	DE3786370
DE3786370	D1	1993-08-05	DE3786370
AT91106	T	1993-07-15	ATE091106
EP0246041	B1	1993-06-30	EP-246041
JP1721583	C	1992-12-24	JP1721583
JPH044499	B2	1992-01-28	JP92004499
CA1279902	C	1991-02-05	CA1279902
AU597976	B2	1990-06-14	AU-597976
NZ220243	A	1989-05-29	NZ-220243
US4831224	A	1989-05-16	US4831224
EP0246041	A3	1988-11-23	EP-246041
ZA8703246	B	1988-09-28	ZA8703246
BR8702358	A	1988-02-17	BR8702358
JPS62293020	A	1987-12-19	JP62293020
EP0246041	A2	1987-11-19	EP-246041
AU7264387	A	1987-11-12	AU8772643

**Abstract**

(EP0246041)

A container which holds material for heating or cooking in a microwave oven. Cold spots in the food are reduced by generating higher order modes of microwave energy within the microwave container. This is achieved by providing a structure (26) or structures on a surface, for example the bottom (24), of the container. In the illustrated embodiment the structure is a raised structure having side walls (32), (34) and a top wall (36). Higher order modes propagate within the container as a result of boundary conditions defined by the sidewalls (14, 16, 18, 20) of the container and sidewalls (28, 30, 32, 34) of the structure (26).

Inventors

KEEFER, RICHARD M.

Latest standardized assignees - inventors removed

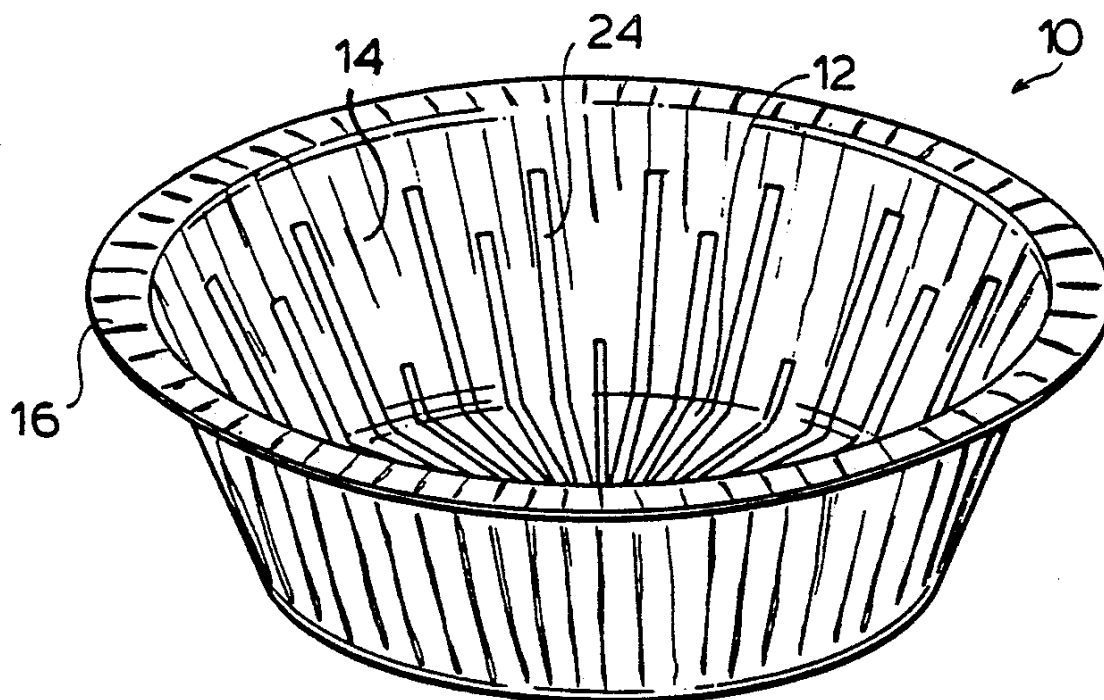
ALCAN INTERNATIONAL

Family 11/200 - FAMPAT - ©Questel

Title

(US5117078)

Controlled heating of foodstuffs by microwave energy

Images**Publication data including kind & date**

US5117078	A	1992-05-26	US5117078
ZA9100736	B	1991-12-24	ZA9100736
CA2009207	A1	1991-08-02	CA2009207

**Abstract**

(US5117078)

A novel structure for use in the microwave cooking of foodstuffs for consumption is described. The structure includes a layer of flexible electroconductive material normally opaque to microwave radiation and having a plurality of elongate apertures therethrough dimensioned to permit microwave energy to pass through to the interior of the foodstuff and to produce thermal energy at the surface of the foodstuff. Both a microwave shielding effect and a combined microwave energy heating and thermal energy heating effect are obtained, enabling close control of the manner and extent of microwave cooking of the foodstuff to be obtained. The layer of flexible electroconductive material is supported by and adhered to a substrate layer of microwave energy transparent material in a multiple layer article of manufacture adapted to be formed into a packaging structure in which a foodstuff may be heated by microwave energy to an edible condition.

Inventors

BECKETT D GREGORY

Latest standardized assignees - inventors removed

CAMINE RESOURCES

GRAPHIC PACKAGING

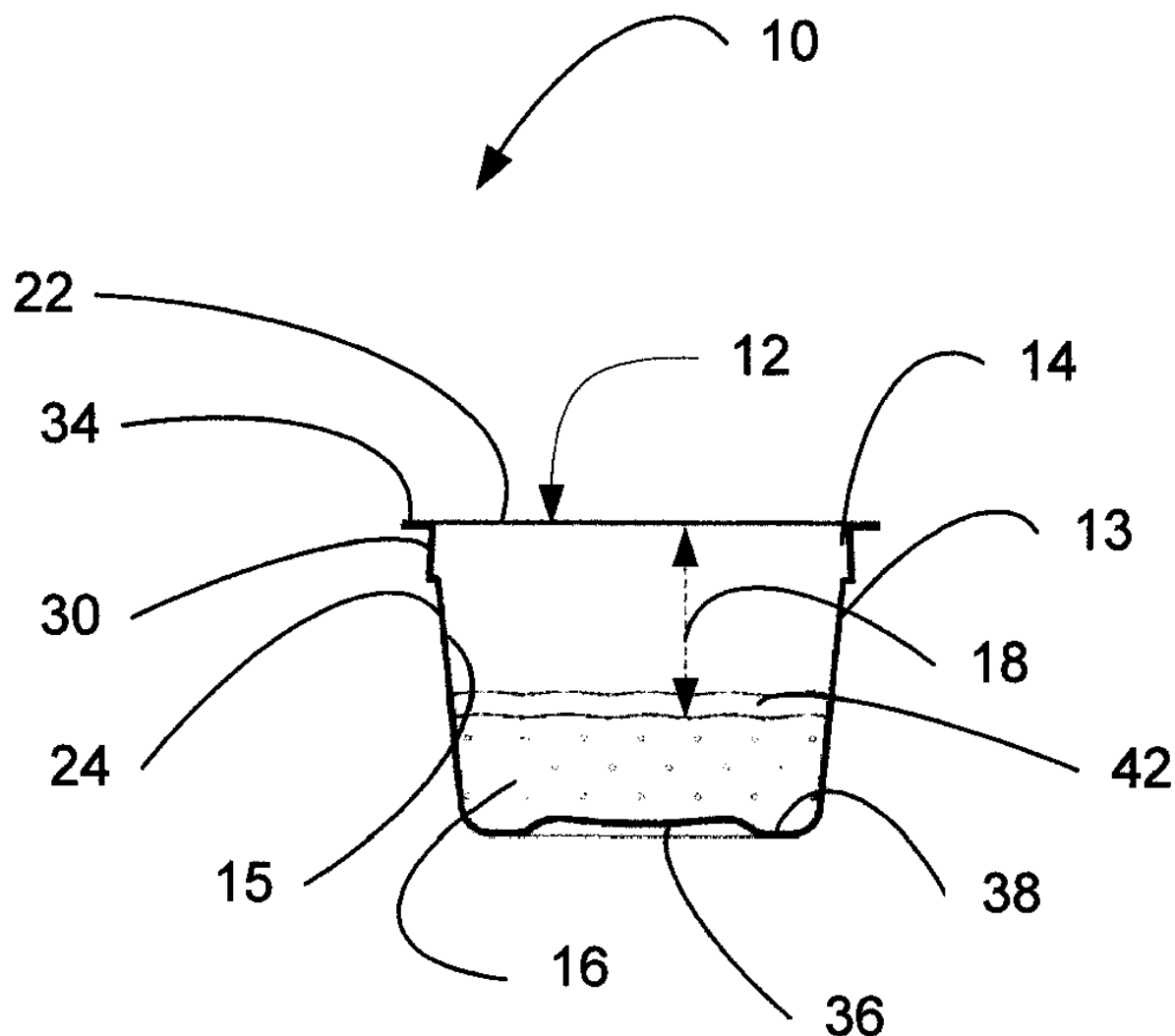
Family 12/200 - FAMPAT - ©Questel

Title

(EP2252156)

Microwave foam product

Images

**Publication data including kind & date**

US9226519	B2	2016-01-05	US9226519
EP2252156	A1	2010-11-24	EP2252156
WO2009/102922	A1	2009-08-20	WO2009102922
US20090208615	A1	2009-08-20	US20090208615
AU2009214675	A1	2009-08-20	AU2009214675
CA2715976	A1	2009-08-20	CA2715976

**Abstract**

(EP2252156)

Shelf stable microwave dessert packaged food products for individual servings comprise a cup; a shelf-stable ready-to-heat uncooked microwave bakeable foam product disposed within the cup, and a peelably removable, low gas permeability sealing membrane. The articles provide high quality finished expanded baked dessert goods by microwave cooking and expansion of the foam.

Inventors

DOMINGUES DAVID
PATTERSON DEBRA
BUCHER STEFAN

Latest standardized assignees - inventors removed

GENERAL MILLS

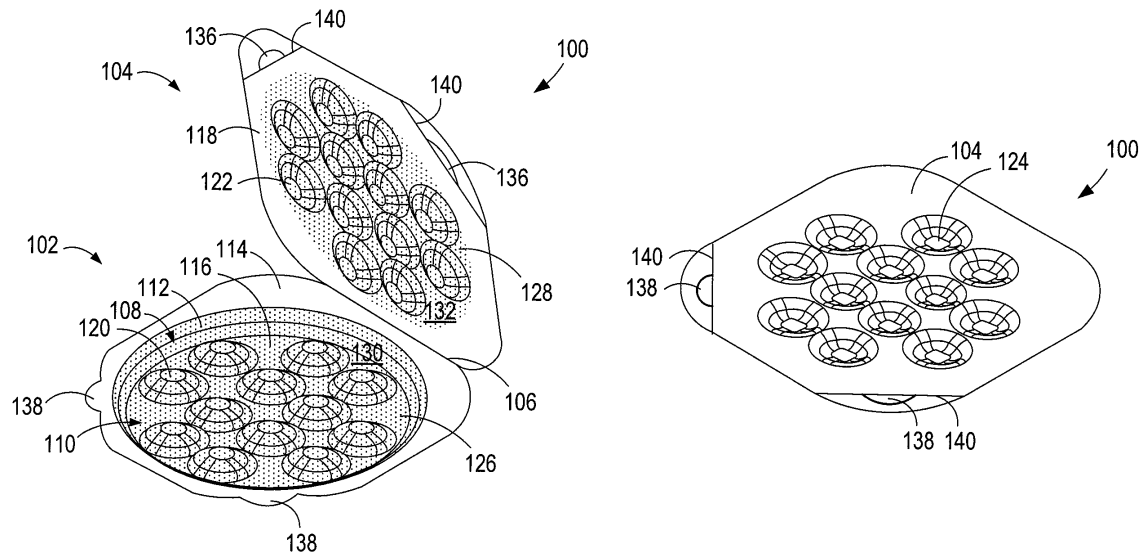
Family 13/200 - FAMPAT - ©Questel

Title

(EP2245375)

Apparatus for cooking raw food items in a microwave oven

Images



Publication data including kind & date

US8901469	B2	2014-12-02	US8901469
CA2715590	C	2014-10-21	CA2715590
EP2245375	A4	2013-05-08	EP2245375
EP2245375	A2	2010-11-03	EP2245375
WO2009/105397	A3	2009-11-12	WO2009105397
WO2009/105397	A2	2009-08-27	WO2009105397
CA2715590	A1	2009-08-27	CA2715590
US20090206074	A1	2009-08-20	US20090206074



Abstract

(EP2245375)

An apparatus for preparing a food item in a microwave oven comprises a tray including an interior space defined by a base and an upstanding peripheral wall, and a cover pivotably connected to the tray for pivoting the cover relative to the tray between an open position and a closed position. The tray and/or cover includes a plurality of protrusions extending into the interior space. A microwave energy interactive material overlies the protrusions on the tray and/or cover.

Inventors

SCHNEIDER LEE M

LAFFERTY TERRENCE P

NETZER PHILIP E

WNEK PATRICK H

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

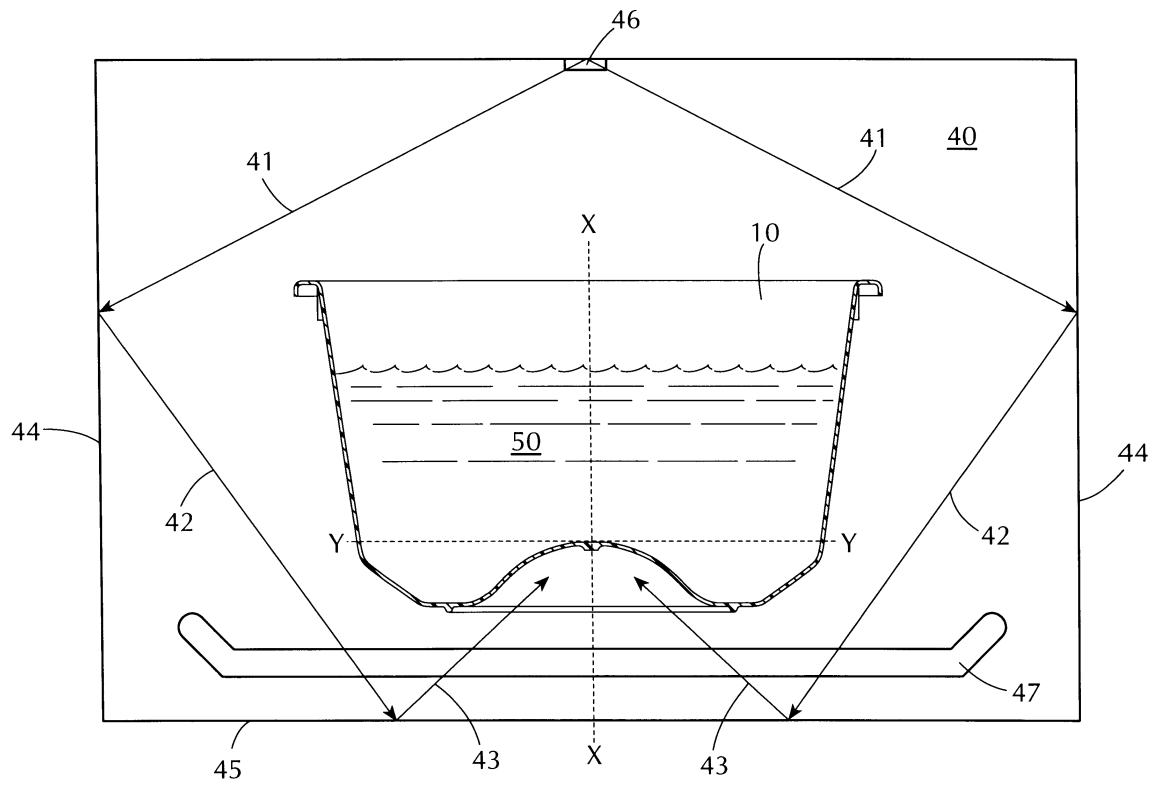
Family 14/200 - FAMPAT - ©Questel

Title

(EP-990597)

Container for microwave cooking

Images



Publication data including kind & date

PL188753	B1	2005-04-29	PL-188753
DE69920128	T2	2005-01-20	DE69920128
DE69920128	D1	2004-10-21	DE69920128
AT276165	T	2004-10-15	ATE276165
EP0990597	B1	2004-09-15	EP-990597
IL129841	B	2002-12-01	IL-129841
AU754912	B2	2002-11-28	AU-754912
CA2271334	C	2002-10-01	CA2271334
TW457213	B	2001-10-01	TW-457213
US6175105	B1	2001-01-16	US6175105
NZ335590	A	2000-09-29	NZ-335590
KR20000028569	A	2000-05-25	KR20000028569
SG72951	A1	2000-05-23	SG--72951
JP2000107028	A	2000-04-18	JP2000107028
PL333002	A1	2000-04-10	PL99333002
AU2699499	A	2000-04-06	AU9926994
EP0990597	A1	2000-04-05	EP-990597
CA2271334	A1	2000-04-02	CA2271334
IL129841	A	2000-02-29	IL-129841
ZA9903150	B	1999-11-05	ZA9903150



Abstract

(EP0990597)

A container for microwave cooking having geometric features which improve the efficiency and uniformity of microwave cooking of food products containing liquids and which enhance boiling uniformity while preventing boilover of the contents. The container has a bottom portion and a side panel (18) wherein the bottom portion contains a central segment (13) in the shape of a section of a sphere. The side panel is tapered outwardly as it extends from the bottom portion to an end opening. Sharp corners are avoided within the container. As the result of the geometry of the container, a more uniform distribution of heat within the contents of the container is attained during cooking and the combination of uniform heating,

the lack of sharp corners and the tapered side panel causes boiling of the contents without bumping, thereby minimizing the risk of boil over.

Inventors

RUBBRIGHT HARRY A

BEALL NELSON J

GEATA STEPHEN A

MEINERS M DEBBIE

Latest standardized assignees - inventors removed

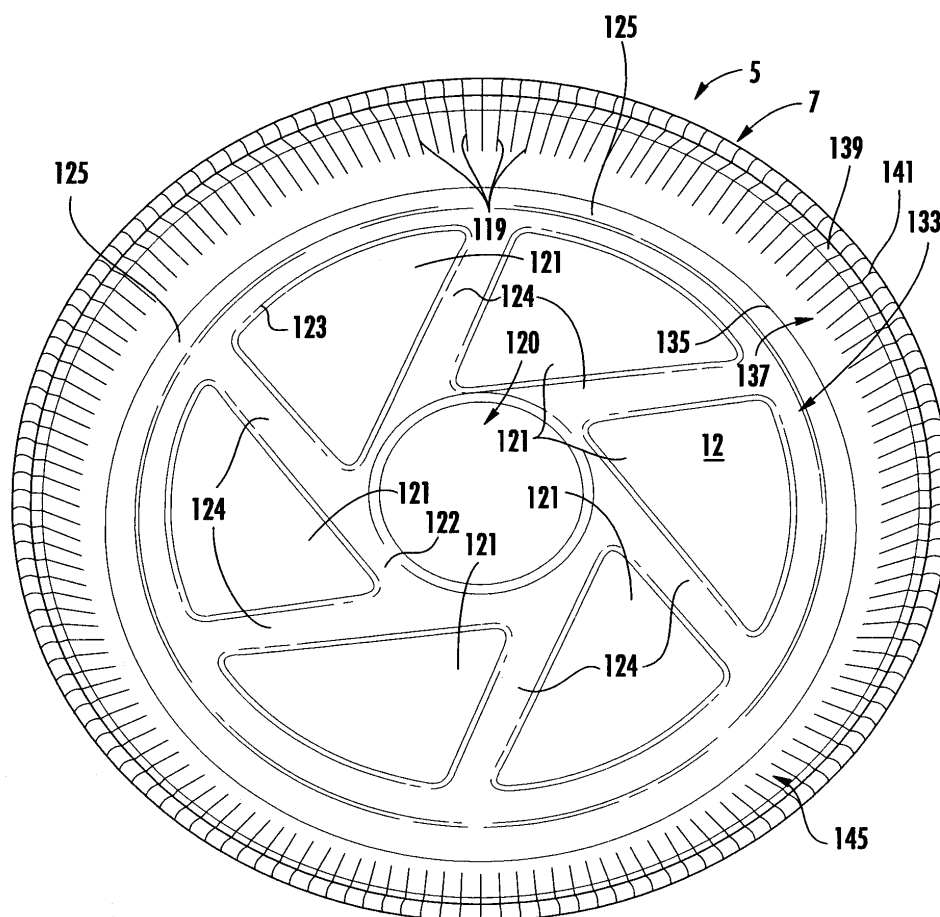
BESTFOODS

Family 15/200 - FAMPAT - ©Questel

Title

(EP2967246)

Container with heating features

Images**Publication data including kind & date**

MX360437	B	2018-10-31	MX-360437
CA2900993	C	2018-10-30	CA2900993
ES2661103	T3	2018-03-27	ES2661103
JP6290370	B2	2018-03-07	JP6290370



EP2967246	B1	2018-01-31	EP2967246
BR112015020335	A2	2017-07-18	BR112015020335
BR112015020335	A1	2017-02-21	BR112015020335
EP2967246	A4	2016-10-12	EP2967246
JP2016513547	A	2016-05-16	JP2016513547
EP2967246	A1	2016-01-20	EP2967246
MX2015012324	A	2015-12-16	MX2015012324
US9174789	B2	2015-11-03	US9174789
WO2014/152587	A1	2014-09-25	WO2014152587
CA2900993	A1	2014-09-25	CA2900993
US20140263364	A1	2014-09-18	US20140263364

**Abstract**

(EP2967246)

A container formed from a blank comprising a base layer and a lamination layer. The container has a bottom wall, a side wall, and a rolled edge extending from the side wall. The container includes features for helping to direct moisture from an interior surface of the bottom wall of the container to the side wall. The features comprise a plurality of embossed features and linear features extending in at least a portion of the container and defining respective grooves in an interior surface of the container defined by the bottom wall and the side wall.

Inventors

NETZER PHILIP E

LAFFERTY TERRENCE P

Latest standardized assignees - inventors removed

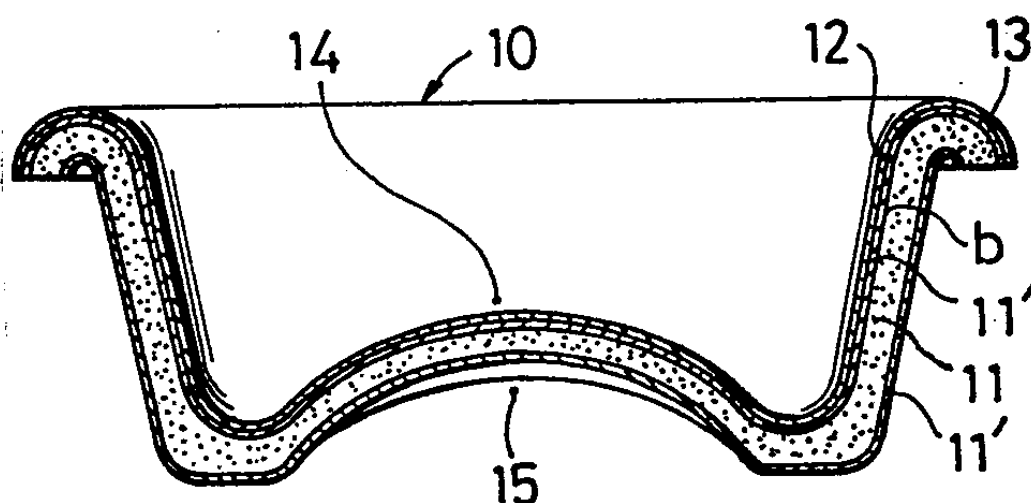
GRAPHIC PACKAGING

Family 16/200 - FAMPAT - ©Questel

Title

(EP-128425)

Container

Images**Publication data including kind & date**

DE3483543	D1	1990-12-13	DE3483543
EP0128425	B1	1990-11-07	EP-128425
KR900004788	B1	1990-07-05	KR900004788
JPH0213336	Y2	1990-04-12	JP02013336Y



US4704510	A	1987-11-03	US4704510				
CA1225606	A	1987-08-18	CA1225606				
KR850002081	A	1985-05-06	KR19850002081				
JPS6041353	U	1985-03-23	JP60041353U				
JPS6018961	U	1985-02-08	JP60018961U				
EP0128425	A1	1984-12-19	EP-128425				
JPS59188875	U	1984-12-14	JP59188875U				

Abstract

(EP0128425)

A food packaging container which can withstand heating in a microwave oven. It is formed of a laminate sheet material comprising a non-stretched polyethylene terephthalate film or sheet laminated on the interior side of a foamed sheet.

Inventors

TAKASHI, MATSUI

Latest standardized assignees - inventors removed

FP

Family 17/200 - FAMPAT - ©Questel

Title

(NL1019380)

Foodstuff dish for microwave oven has compartments of a material that influences microwave radiation

Publication data including kind & date

[NL1019380](#) C1 2003-05-20 NL1019380

**Abstract**

(NL1019380)

The foodstuff dish (1) has separate compartments (2-4) formed from two layers of plastic molding between which is sandwiched a layer of material that reacts to microwave radiation. This material can be aluminum foil and influences radiation according to a pattern of holes in the foil. Each container molded into the dish can have different heating characteristics and this enables meat, vegetables, and potatoes to be prepared simultaneously An independent claim is included for a method of producing a microwavable dish.

Inventors

WEIJER FRANCISCUS JOHANNES MAR

DRIESSEN MAURITS SIMON JOHANNE

Latest standardized assignees - inventors removed

SHIELTRONICS

Family 18/200 - FAMPAT - ©Questel

Title

(NL1019261)

Foodstuff dish for microwave oven has compartments of a material that influences microwave radiation

Publication data including kind & date

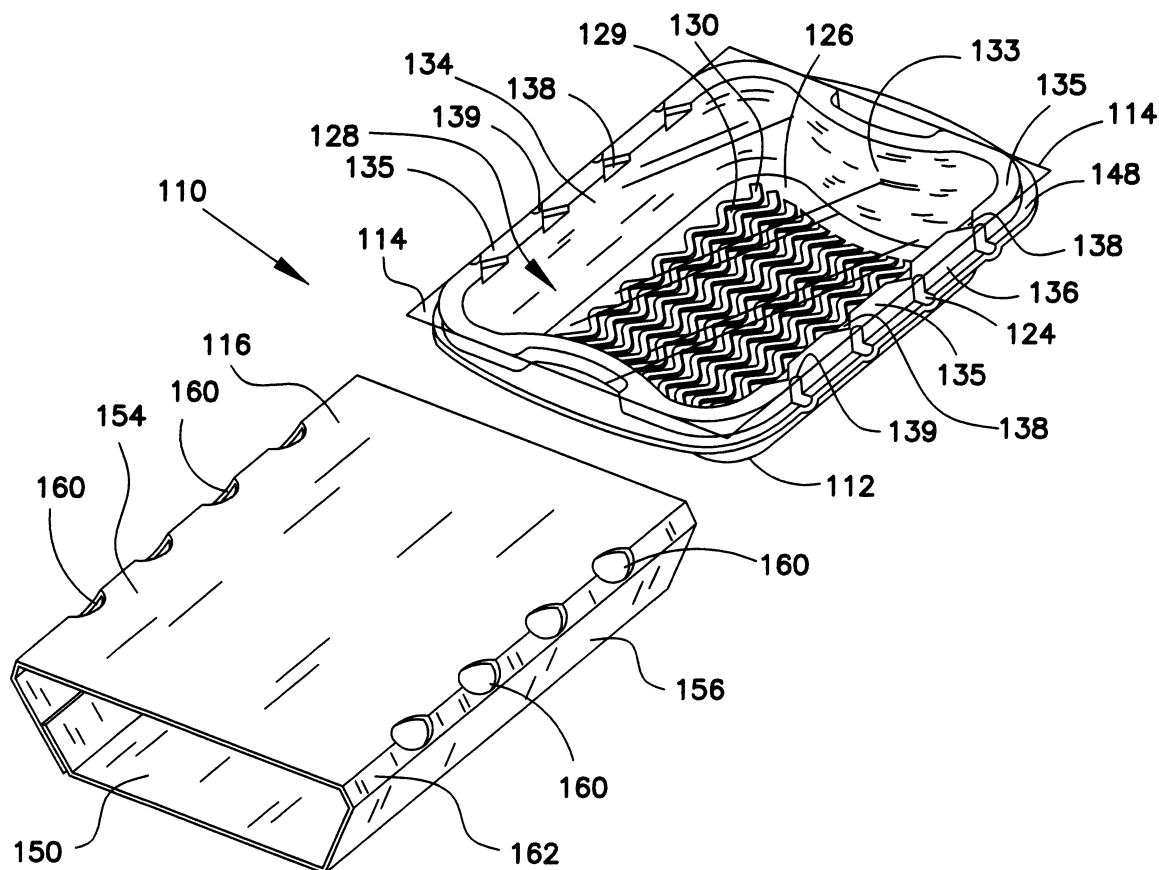
[NL1019261](#) C2 2003-05-07 NL1019261

**Abstract**

(NL1019261)

The foodstuff dish (1) has separate compartments (2-4) formed from two layers of plastic molding between which is sandwiched a layer of material that reacts to microwave radiation. This material can be aluminum foil and influences radiation according to a pattern of holes in the foil. Each container molded into the dish can have different heating characteristics and this enables meat, vegetables, and potatoes to be prepared simultaneously An independent claim is included for a method of producing a microwavable dish.

Inventors



Publication data including kind & date

DE60109327	D1	2005-04-14	DE60109327
AT290760	T	2005-03-15	ATE290760
EP1364558	B1	2005-03-09	EP1364558
JP2004520901	A	2004-07-15	JP2004520901
EP1364558	A4	2004-03-03	EP1364558
ZA200306500	B	2004-03-02	ZA200306500
EP1364558	A1	2003-11-26	EP1364558
US6559431	B2	2003-05-06	US6559431
WO02/060223	A1	2002-08-01	WO200260223
CA2435338	A1	2002-08-01	CA2435338
US20020096056	A1	2002-07-25	US20020096056



Abstract

(EP1364558)

A microwave cooking tray and sleeve assembly (110) includes a tray (112) for holding food to be cooked, a transparent heat seal (114) covering the tray, and a sleeve (116) designed to hold the tray. In order to cook the food in the tray (112), the assembly (110) is placed in a microwave oven. During cooking, side vents (124, 138) on the tray (112) channel steam out of the tray (112). Holes (160) in the sleeve (116) allow the steam to easily escape the assembly (110) after passing through the vents (124, 138) in the tray (112). After a short period of cooking in the microwave oven, the tray (112) is removed from the sleeve (116), the heat seal (114) is removed from the tray (112), and the food in the tray (112) is ready to eat.

Inventors

HOPKINS GARY L

Latest standardized assignees - inventors removed

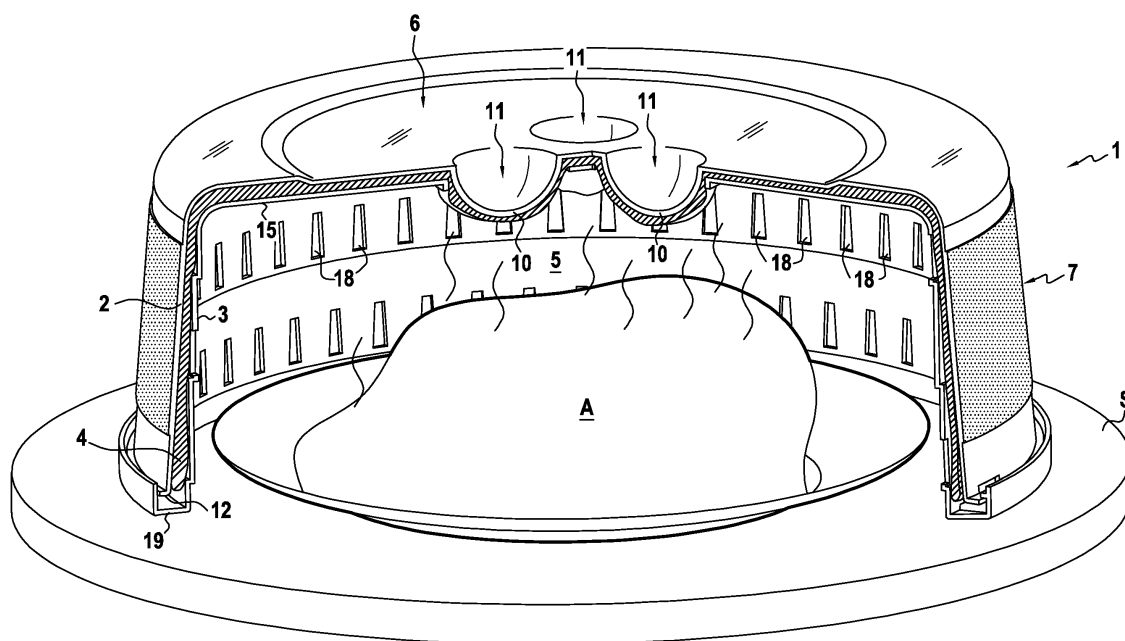
STEAMWAY FRANCHISE SALES

Family 21/200 - FAMPAT - ©Questel

Title

(EP2155025)

Removable lid for cooking or heating food in a microwave oven

Images**Publication data including kind & date**

US8367989	B2	2013-02-05	US8367989
DE602008002932	D1	2010-11-18	DE602008002932
AT483385	T	2010-10-15	ATE483385
EP2155025	B1	2010-10-06	EP2155025
US20100200574	A1	2010-08-12	US20100200574
EP2155025	A1	2010-02-24	EP2155025
FR2916618	B1	2009-07-31	FR2916618
FR2916618	A1	2008-12-05	FR2916618
WO2008/145624	A1	2008-12-04	WO2008145624

**Abstract**

(EP2155025)

The invention relates to a removable lid for defining a food cooking or heating enclosure (5) in a microwave oven, comprising an outer wall (2) pervious to microwaves and sealed for air and steam, an inner wall (3) pervious for microwaves and adapted for the passage of air and steam, and an intermediate ply (4) made of a porous water-retaining material and provided between the inner and outer walls, characterised in that the outer wall (2) includes at its inner face oriented towards the inner wall (3) at least one convex conformation (10) for defining a cold condensation area, the inner wall (3) being open opposite each convex conformation in order to expose at least the portion of the intermediate ply (4) surrounding the convex conformation (10).

Inventors

PRALUS GEORGES

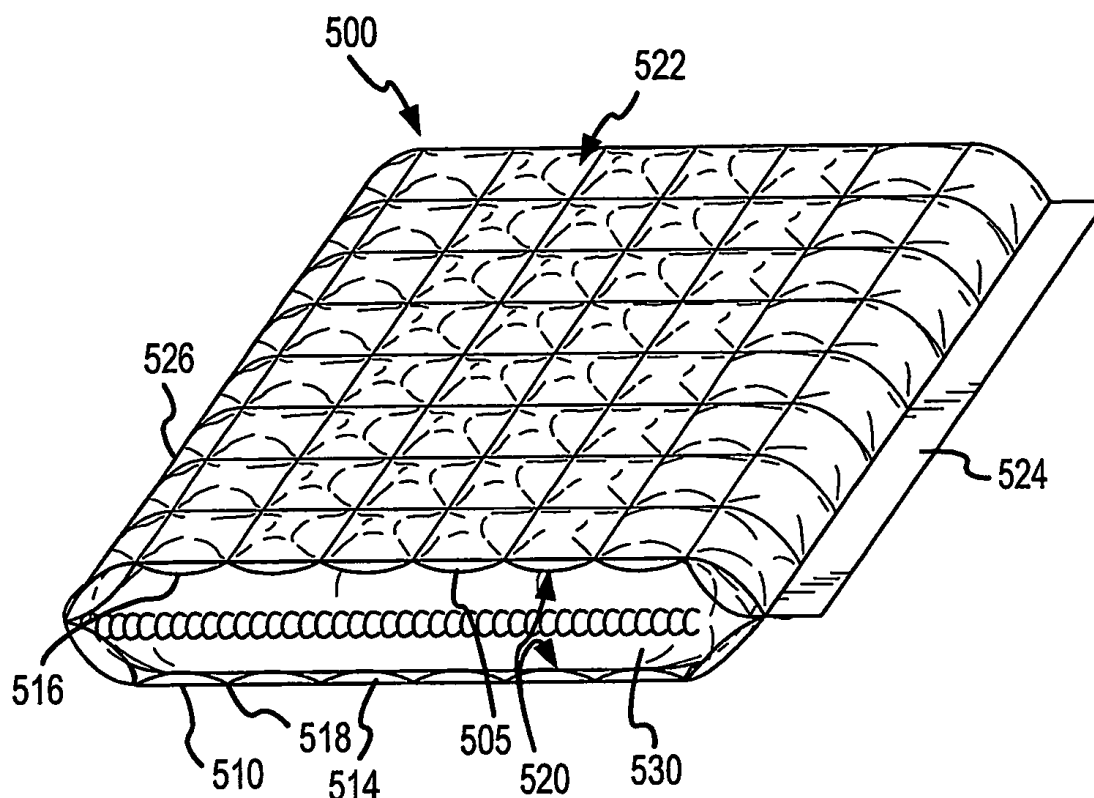
Family 22/200 - FAMPAT - ©Questel

Title

(EP1480879)

Insulating microwave interactive packaging

Images



Publication data including kind & date

CA2870030	C	2015-08-18	CA2870030
ES2539156	T3	2015-06-26	ES2539156
EP2181939	B1	2015-05-20	EP2181939
EP2181938	B1	2015-04-08	EP2181938
CA2814255	C	2015-01-20	CA2814255
CA2686600	C	2013-07-09	CA2686600
EP2181937	B1	2013-01-02	EP2181937
JP4917990	B2	2012-02-03	JP4917990
DE60333987	D1	2010-10-14	DE60333987
AT479607	T	2010-09-15	ATE479607
EP1480879	B1	2010-09-01	EP1480879
EP2181939	A3	2010-08-04	EP2181939
EP2181938	A3	2010-06-02	EP2181938
EP2181937	A3	2010-05-26	EP2181937
EP2181937	A2	2010-05-05	EP2181937
EP2181938	A2	2010-05-05	EP2181938
EP2181939	A2	2010-05-05	EP2181939
CA2474927	C	2010-03-30	CA2474927
EP1480879	A4	2009-08-19	EP1480879
JP2008019005	A	2008-01-31	JP2008019005
JP4034267	B2	2007-11-02	JP4034267
US7019271	B2	2006-03-28	US7019271
US20050173425	A1	2005-08-11	US20050173425
JP2005516853	A	2005-06-09	JP2005516853
EP1480879	A2	2004-12-01	EP1480879



WO03/066435	A3	2004-03-04	WO200366435				
AU2003212965	A1	2003-09-02	AU2003212965				
WO03/066435	A2	2003-08-14	WO200366435				
CA2474927	A1	2003-08-14	CA2474927				
CA2686600	A1	2003-08-14	CA2686600				
CA2814255	A1	2003-08-14	CA2814255				
CA2870030	A1	2003-08-14	CA2870030				

Abstract

(EP1480879)

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.

Inventors

WNEK PATRICK H

LAFFERTY TERRENCE P

ROBISON RICHARD G

COLE LORIN R

O'HAGAN BRIAN

MIDDLETON SCOTT W

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

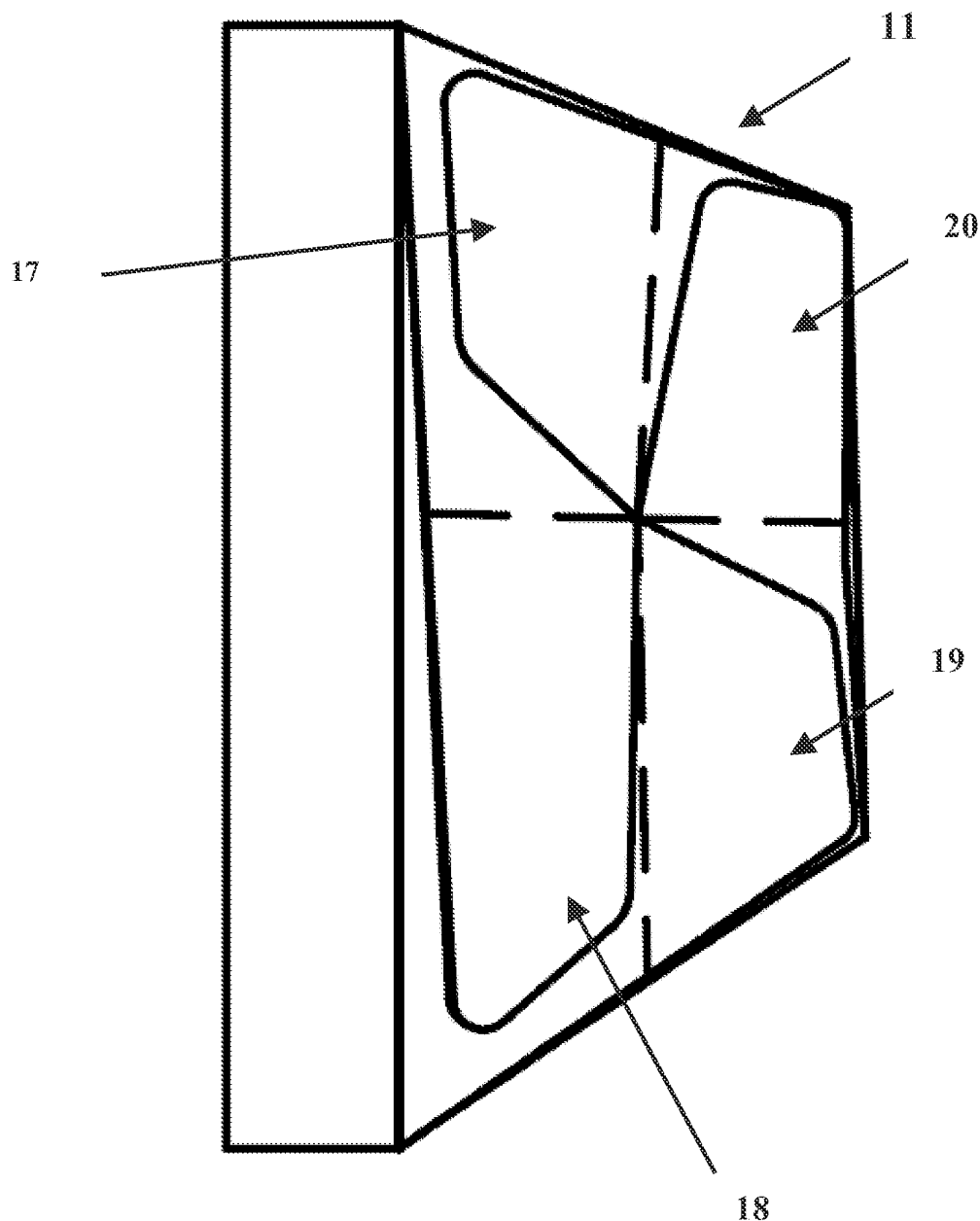
Family 23/200 - FAMPAT - ©Questel

Title

(EP3012209)

Collapsible container

Images



Publication data including kind & date

EP3012209	B1	2019-05-08	EP3012209
BR112014017865	A8	2018-12-04	BR112014017865
BR112014017865	A8	2017-07-11	BR112014017865
BR112014017865	A2	2017-06-20	BR112014017865
EP3012209	A4	2017-01-25	EP3012209
US20160198892	A1	2016-07-14	US20160198892
EP3012209	A1	2016-04-27	EP3012209
MX2014016022	A	2015-08-13	MX2014016022
BR112014017865	A1	2015-03-31	BR112014017865
WO2014/202800	A1	2014-12-24	WO2014202800
CA2856752	A1	2014-12-21	CA2856752



Abstract

(EP3012209)

The invention relates to a collapsible container (11) for a microwave oven, comprising a first section defining a hollow space, the first section being closed by means of a second collapsed section which is suitable for automatically opening out from a collapsed configuration to an expanded configuration providing the collapsible container with an open upper base.

Inventors

MONTAGUT SALA SALVADOR

CAMPÀ ANFRUNS JORDI

Latest standardized assignees - inventors removed

DODE

Family 24/200 - FAMPAT - ©Questel

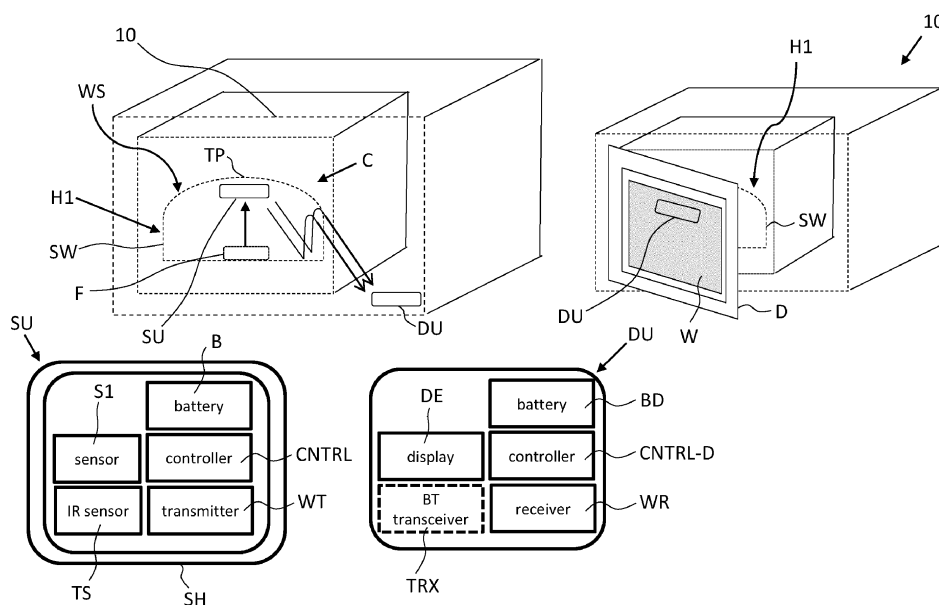
Title

(WO2018100245)

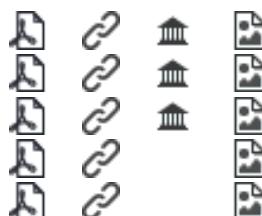
Top hood and a measurement system

Images

FIG. 1

**Publication data including kind & date**

CN108151089	B	2019-06-28	CN108151089B
CN108151089	A	2018-06-12	CN108151089
WO2018/100245	A1	2018-06-07	WO2018100245
FI127116	B	2017-11-30	FI-127116
FI20165922	A	2017-11-30	FI201605922

**Abstract**

(WO2018/100245)

The invention relates to a top hood for covering food in a microwave oven. Top hood (H1) comprises a microwave transparent wall structure comprising side wall (SW) and top part (TP). Side wall (SW) and top part (TP) defines the internal area (IA) covered by said top hood (H1). Attached to the wall structure of the top hood (H1), the top hood (H1) comprises a temperature sensor (TS) for measuring the temperature within the internal area (IA) covered by said top hood (H1). Top hood further comprises a wireless transmitter (WT) for transmitting the measured temperature information to an external display unit (DU).

Inventors

HÖYNÄLÄ MARKO

Latest standardized assignees - inventors removed

WICIOT

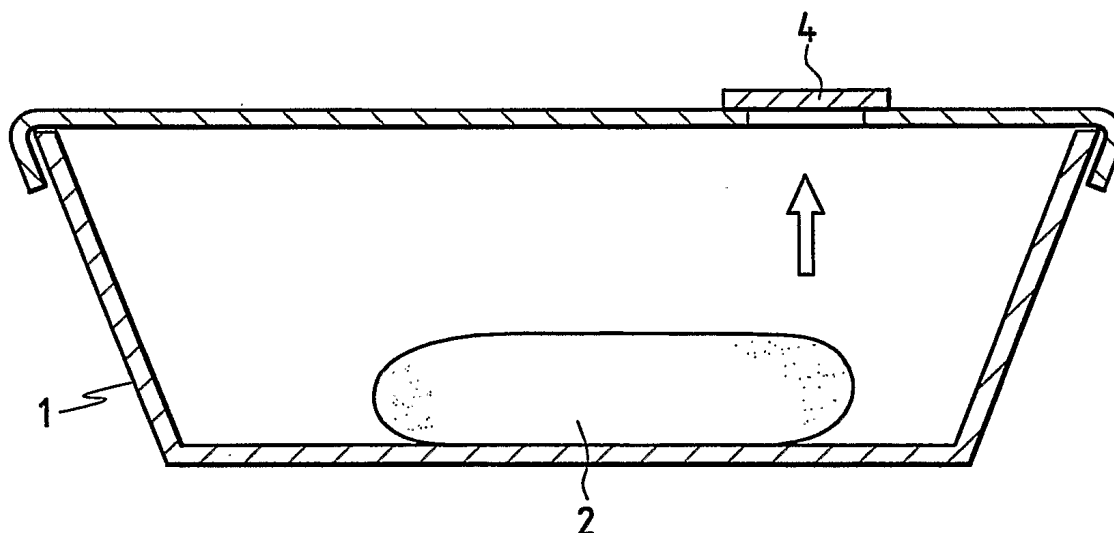
Family 25/200 - FAMPAT - ©Questel

Title

(WO200469014)

Method for cooking and conversion and means of carrying out said method

Images



Publication data including kind & date

AU2003216798	A1	2004-08-30	AU2003216798
WO2004/069014	A1	2004-08-19	WO200469014



Abstract

(WO2004/069014)

The invention relates to method from cooking and/or conversion under steam pressure after which the product (2) is placed with an optional amount of additional solvent in a receptacle (1) or container defining a closed volume with a means for removal of solvent and the product is supplied with energy. Said method is characterized in that a cover or receptacle comprising a continuous non-micro-perforated membrane (4), permeable to the solvent in the vapour state and impermeable to the solvent in the liquid state, is provided and the energy supply is instantaneously limited and limited over time to a value which permits the solvent to pass into the vapour state under pressure and temperature conditions which permit the reheating and/or the cooking and/or the conversion by means of a thermal effect but which is less than the value required for rupturing said membrane.

Inventors

ROQUEFERE JACQUES

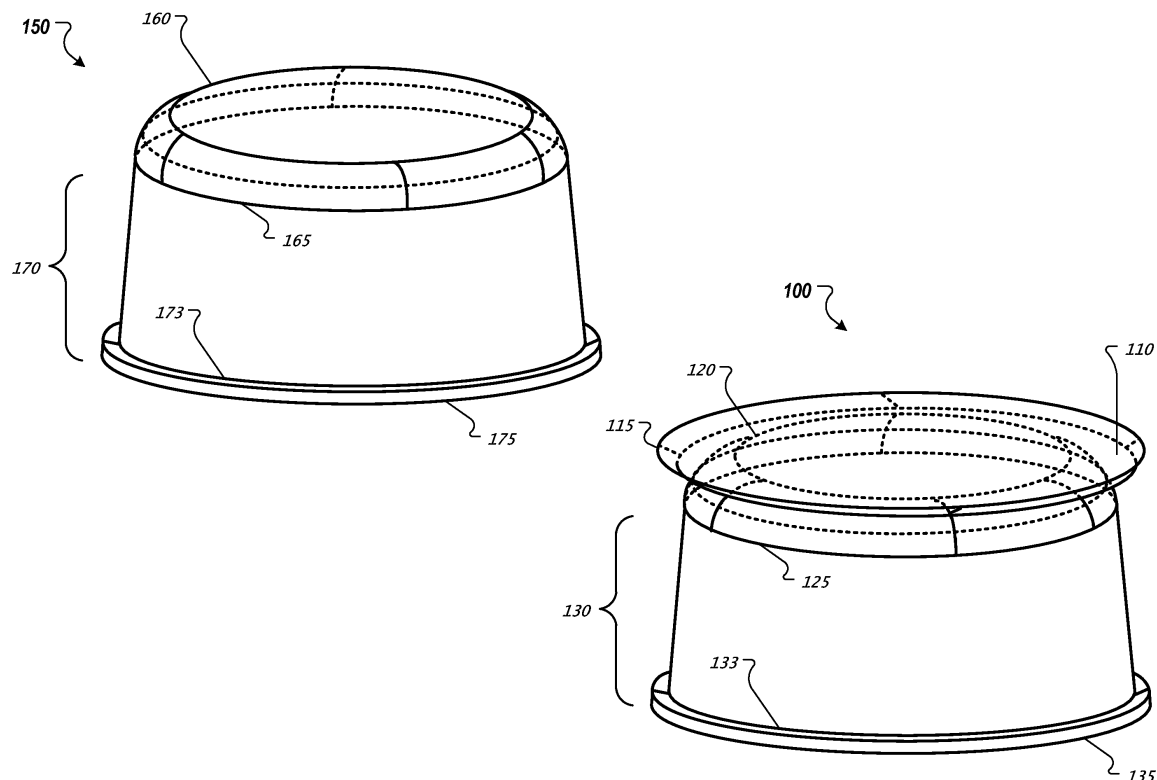
Family 26/200 - FAMPAT - ©Questel

Title

(US20180057245)

Stackable microwave tower

Images



Publication data including kind & date

US20180057245	A1	2018-03-01	US20180057245
US9809375	B2	2017-11-07	US9809375
US20160368696	A9	2016-12-22	US20160368696
US20150041460	A1	2015-02-12	US20150041460



Abstract

(US20180057245)

A stackable microwave covers including a first food cover that includes a top wall for supporting a first food item and having a particular shape that has a first area, one or more side walls slanted at an outward angle from beneath the top wall, wherein a top of the one or more side walls defines a second area that is smaller than the first area, wherein a bottom edge of the one or more side walls defines a substantially similar shape to the particular shape of the top wall and has a third area greater than the second area and less than the first area, and wherein the top wall and the one or more side walls form a first cavity for positioning a second food item.

Inventors

ANDERSON JUDITH MARIE

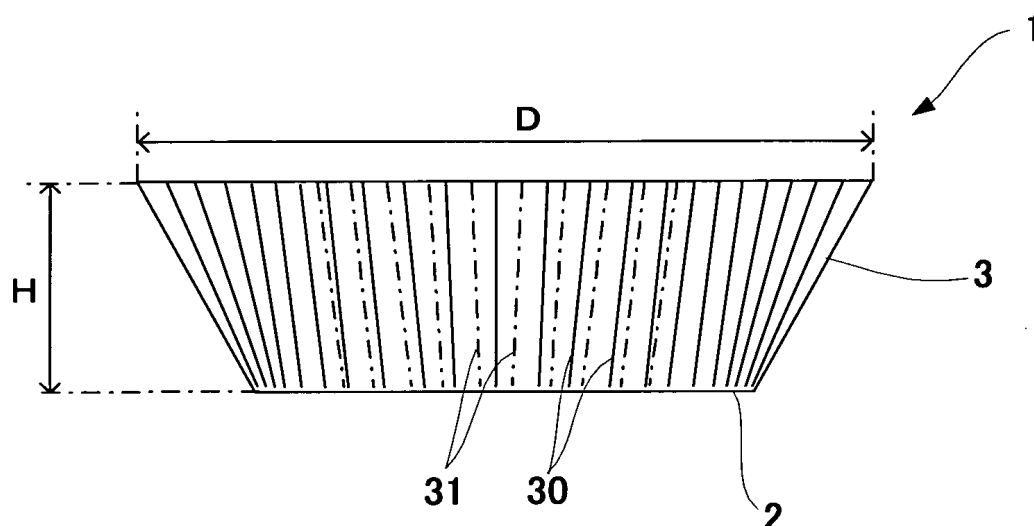
Family 27/200 - FAMPAT - ©Questel

Title

(WO201159114)

Heating container for use with microwave oven

Images

 3

Publication data including kind & date

JP6103795	B2	2017-03-29	JP6103795
JP2011103915	A	2011-06-02	JP2011103915
WO2011/059114	A1	2011-05-19	WO201159114


Abstract

(WO2011/059114)

Disclosed is a heating container for use with a microwave oven that is capable of applying heat to food without being inferior from such standpoints as taste, oral sensation, or flavor, even in comparison with applying heat to food using conventional frying pans or ovens, instead of microwave ovens. A heating container for use with a microwave oven (1) comprises a bottom surface portion (2) and a lateral surface portion (3) that arises from the peripheral edge of the bottom surface portion (2). A conductive material layer (4) that receives microwaves and emits heat is disposed upon the bottom surface portion (2) and the lateral surface portion (3) on the side whereof that comes into contact with food. The lateral surface portion (3) is formed in a waveform cross-section surface shape wherein a plurality of peak portions (30) and trough portions (31) repeat alternately upon the full circumference, and in line with the circumferential direction, thereof.

Inventors

ISHINO TETSUROU

AOKI MAKOTO

JUTA TETSURO

TANAKA SAYOKO

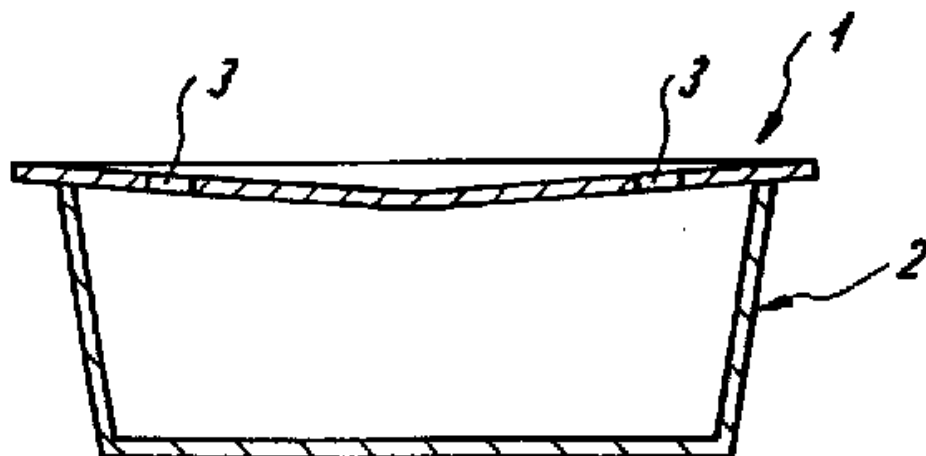
Latest standardized assignees - inventors removed

KOBAYASHI PHARMACEUTICAL

TOPPAN PRINTING

Family 28/200 - FAMPAT - ©Questel

Images

*Fig. 1***Publication data including kind & date**[DE9110237](#)

U1 1991-09-26 DE9110237

**Latest standardized assignees - inventors removed**

MELITTA

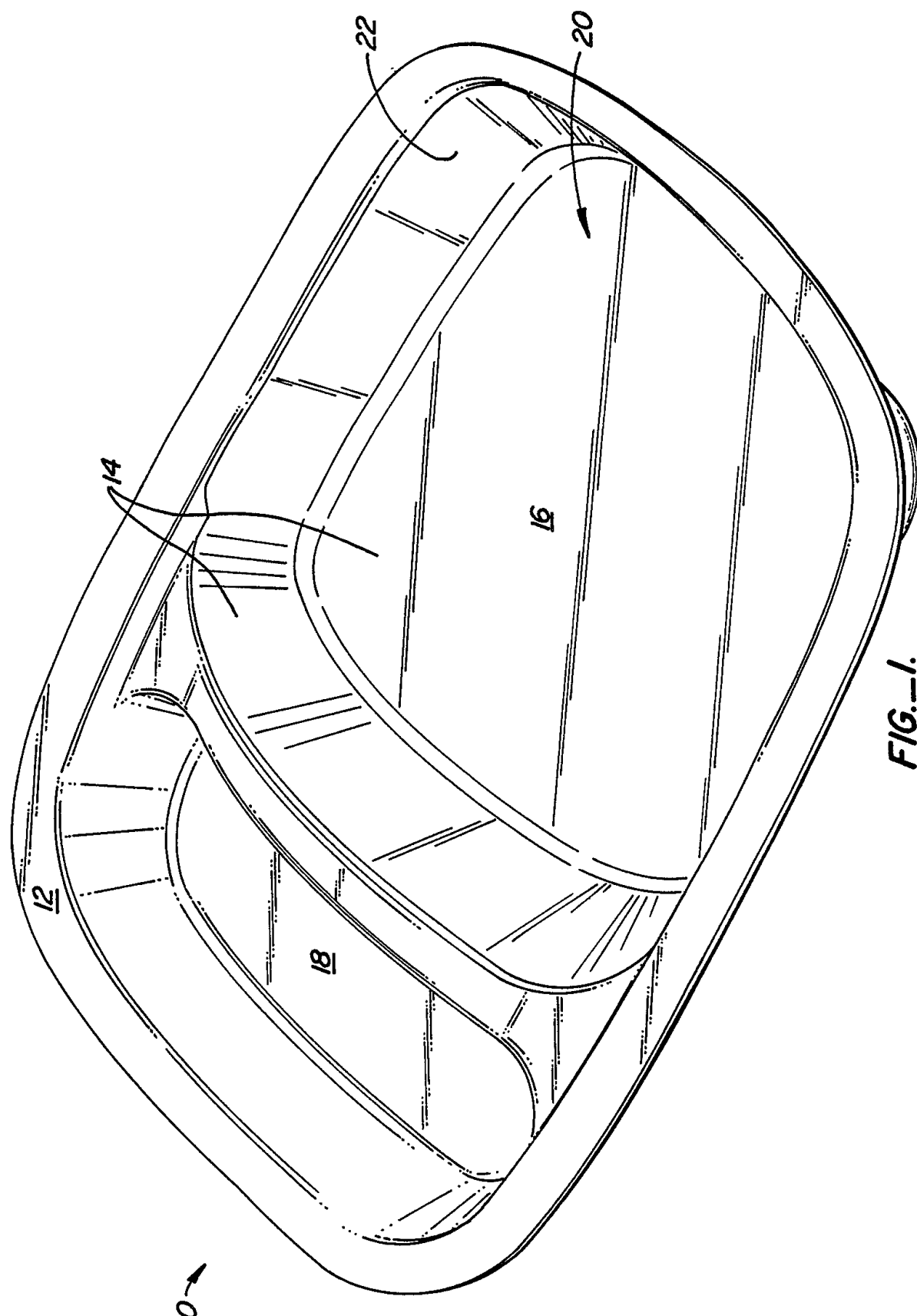
Family 29/200 - FAMPAT - ©Questel

Title

(EP-380306)

Microwavable containers useful for controlled heating.

Images



Publication data including kind & date

DE69023360	T2	1996-07-11	DE69023360
ES2078938	T3	1996-01-01	ES2078938
DE69023360	D1	1995-12-14	DE69023360
DK0380306	T3	1995-12-11	DK-380306T



AT129979	T	1995-11-15	ATE129979				
EP0380306	B1	1995-11-08	EP-380306				
NO175582	C	1994-11-02	NO-175582				
CN1026057	C	1994-10-05	CN1026057C				
RU2018250	C1	1994-08-30	RU2018250				
SU2018250	C1	1994-08-30	SU2018250				
NO175582	B	1994-07-25	NO-175582				
CA1326792	C	1994-02-08	CA1326792				
MX171517	B	1993-11-03	MX-171517				
EP0380306	A3	1992-01-15	EP-380306				
JPH02203121	A	1990-08-13	JP02203121				
CN1044394	A	1990-08-08	CN1044394				
EP0380306	A2	1990-08-01	EP-380306				
KR19900011649	A	1990-08-01	KR19900011649				
DK18490	A	1990-07-25	DK9000184				
NO893538	L	1990-07-25	NO-893538				
ZA8906296	B	1990-05-30	ZA8906296				
AU595151	B1	1990-03-22	AU-595151				
DK18490	D0	1990-01-23	DK9000184				
US4866235	A	1989-09-12	US4866235				
NO893538	D0	1989-09-04	NO8903538				

Abstract

(EP0380306)

A container useful in microwave heating of foods comprises a substrate with a titanium nitride film on at least a portion of the substrate, the substrate being substantially microwave transparent except where coated with the titanium nitride film and the film being adapted to absorb microwave energy so that in use the film becomes heated and transfers heat to foods carried by the container, so as to provide crisp heating of the foods.

Inventors

GRIFFIN DON

NADEL STEVEN J

VAN SKIKE TAMZEN L

Latest standardized assignees - inventors removed

BOC

Family 30/200 - FAMPAT - ©Questel

Title

(EP2106517)

Even heating microwavable container

Images

Publication data including kind & date

JP1743954	C	1993-03-15	JP1743954
JP1743955	C	1993-03-15	JP1743955
JPH0430286	B2	1992-05-21	JP92030286
JPH0430287	B2	1992-05-21	JP92030287
KR920003527	B1	1992-05-02	KR920003527
DE3576485	D1	1990-04-19	DE3576485
EP0185488	B1	1990-03-14	EP-185488
AU579542	B2	1988-11-24	AU-579542
US4703149	A	1987-10-27	US4703149
EP0185488	A3	1987-08-19	EP-185488
JPS61141330	A	1986-06-28	JP61141330
JPS61141331	A	1986-06-28	JP61141331
EP0185488	A2	1986-06-25	EP-185488
AU5073485	A	1986-06-19	AU8550734

**Abstract**

(EP0185488)

This invention provides a container (11) for use in containing a material (12) to be heated in a microwave oven, which container (11) is capable of preventing locally occurring over-heating, and of allowing its contents (12) to be uniformly and effectively heated. The container (11) comprises a container proper, a lid (16) and a microwave shielding layer (15), the shielding layer (15) being disposed at least at the position (14), through the intermediary of an air layer, where the upper surface of the material (12) contacts the side surface of the container proper (13), i.e., is disposed on the portion (17) of the lid which overhangs the side wall of the container proper (13).

Inventors

SUGISAWA, KO

YAMAMOTO, MASANORI

NAKANAGA, RYUSUKE

Latest standardized assignees - inventors removed

HOUSE FOOD INDUSTRIAL

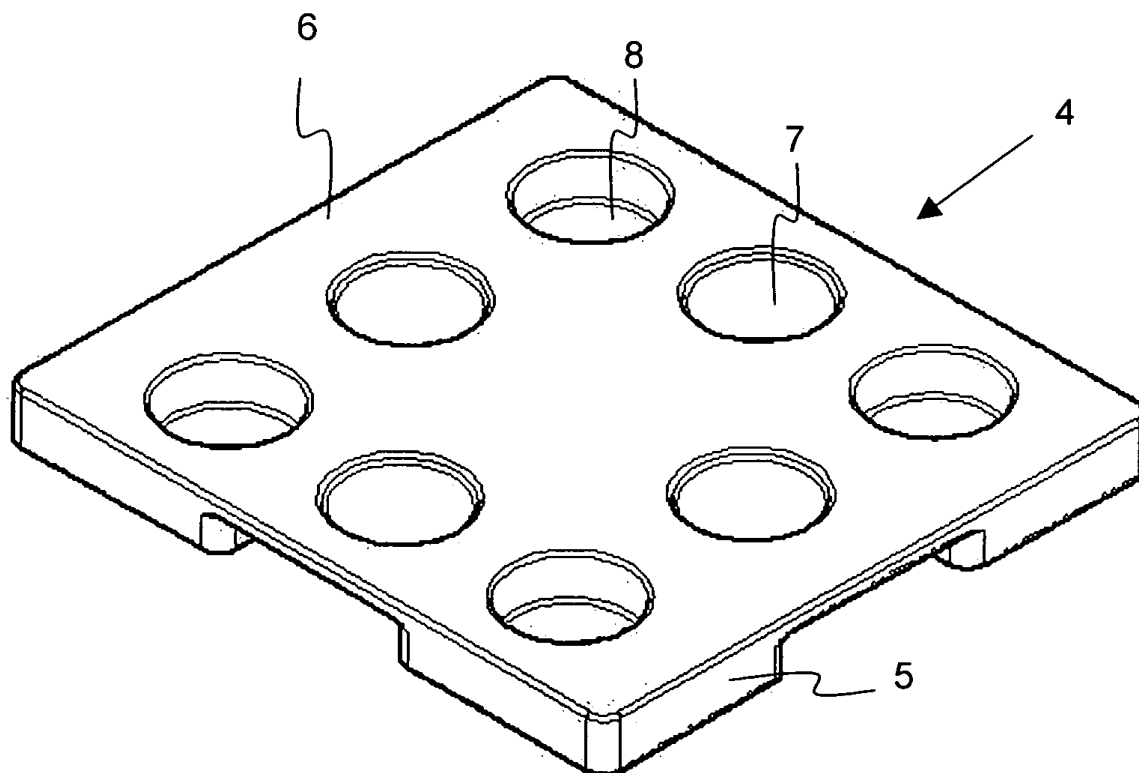
Family 32/200 - FAMPAT - ©Questel

Title

(EP1935300)

Food support for use in a microwave oven

Images

**Publication data including kind & date**

US20080149628	A1	2008-06-26	US20080149628
EP1935300	A1	2008-06-25	EP1935300
GB2445009	A	2008-06-25	GB2445009
GB0625388	D0	2007-01-31	GB200625388

**Abstract**

(EP1935300)

A food support (4) for use in a microwave oven comprising a plurality of surfaces for supporting a plurality of food items at different heights with respect to the base of the oven. The plurality of surfaces comprises a first set of surfaces (7) at a first height and a second set (8) of surfaces at a second height. Each surface from the first set of surfaces (7) is adjacent only to surfaces from the second set (8) of surfaces, and each surface from the second set of surfaces is adjacent only to surfaces from the first set of surfaces. This reduces the effect of a food item shielding an adjacent food item, which otherwise leads to uneven heating of food items in the microwave oven.

Inventors

THORNEYWORK NIGEL

HIND GORDON

Latest standardized assignees - inventors removed

MANITOWOC FOODSERVICE

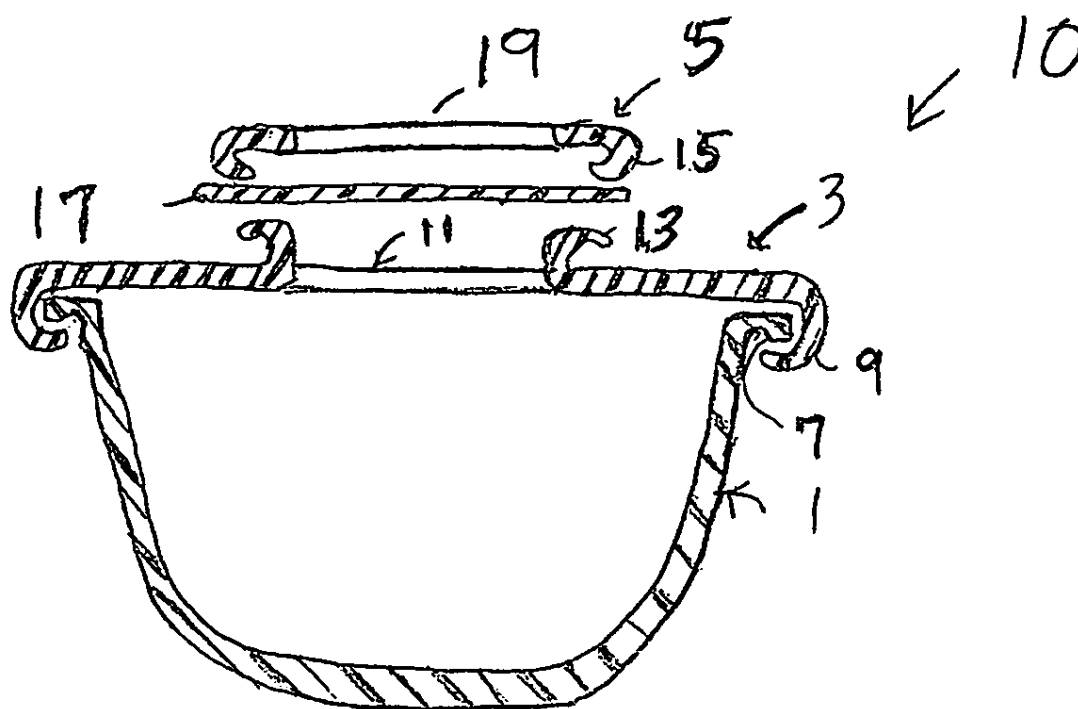
Family 33/200 - FAMPAT - ©Questel

Title

(US20060043093)

Cooking apparatus and method of use

Images

**Publication data including kind & date**

US20090026206	A1	2009-01-29	US20090026206
GB2417875	B	2009-01-28	GB2417875
GB2417875	A	2006-03-08	GB2417875
US20060043093	A1	2006-03-02	US20060043093
CA2518242	A1	2006-03-01	CA2518242
GB0517612	D0	2005-10-05	GB200517612

**Abstract**

(US20060043093)

A cooking apparatus combines an open top container, a lid adapted to attach to the container and an opening in the lid for placement of a venting film over the opening. The venting film and lid maintain the seal of the container, with the venting film allowing for pressure relief. The venting film can be retained over the opening using a second lid or other attachment device, or be part of the first lid. The apparatus can include additional lids to seal the container, or seal the opening in the first lid.

Inventors

COX SHIRLEY J

COX TYLER T D

Latest standardized assignees - inventors removed

QUICKWAVE INTERNATIONAL

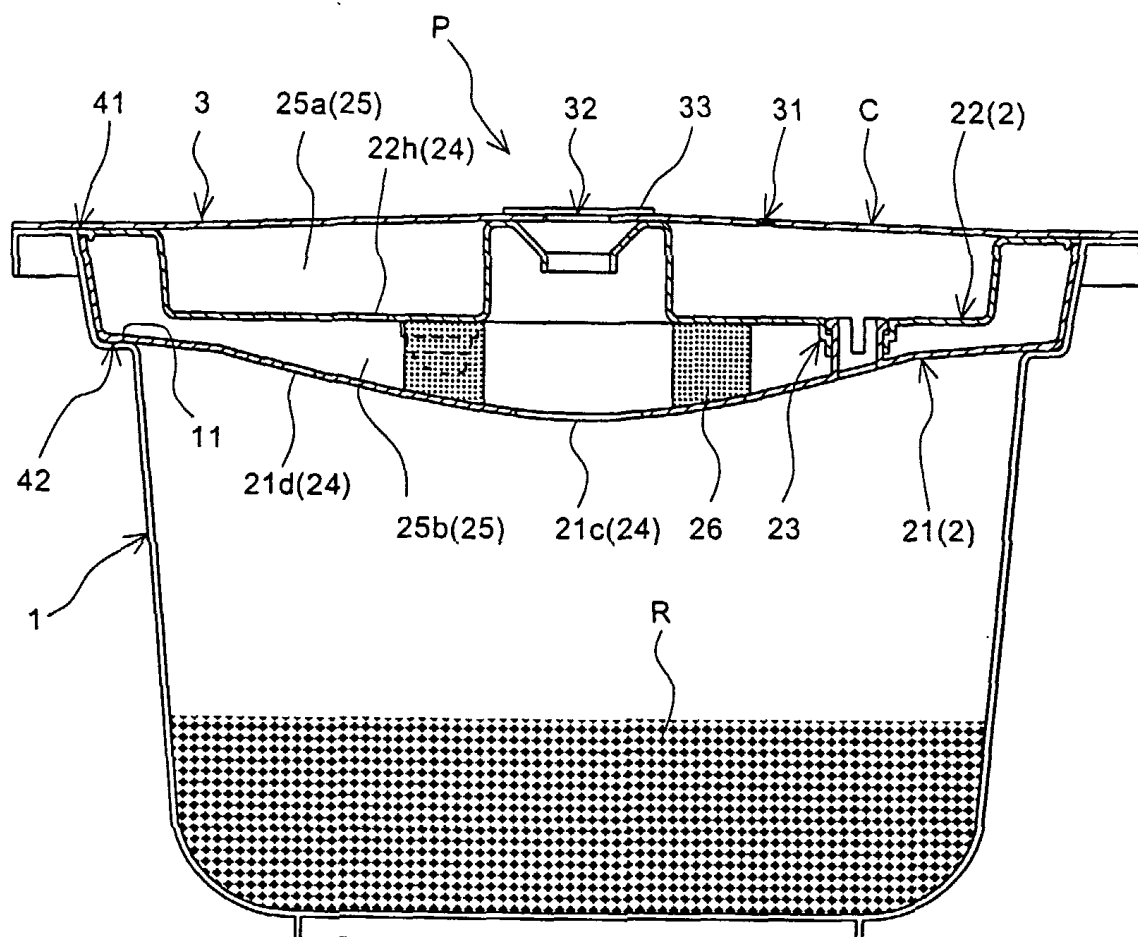
Family 34/200 - FAMPAT - ©Questel

Title

(WO200341544)

Heating container for microwave oven, packaging body for heating microwave oven, and method of re-using the packaging body

Images



Publication data including kind & date

JP3643336	B2	2005-02-04	JP3643336
WO03/041544	A1	2003-05-22	WO200341544
JP2003144316	A	2003-05-20	JP2003144316
TW200300073	A	2003-05-16	TW200300073



Abstract

(WO03/041544)

A heating container C for a microwave oven, a packaging body for heating by the microwave oven, and a method of re-using the packaging body, the heating container comprising a container body 1, an inner cover 2, and an upper cover 3, and an inner cover fixing means 41 for fixing the inner cover 2 to a specified position inside the container body 1 and a pressure regulating means 31 disposed in the upper cover 3 and holding a pressure inside the container body 1 to a specified pressure the packaging body P for heating the microwave oven wherein, after heated material R is stored in the container body 1, the inner cover 2 is installed, and the inside of the container body is sealed by the upper cover 3 the method for re-using the packaging body P for heating the microwave oven in use comprising the step of re-using the container body 1 and the inner cover 2 of the packaging body C.

Inventors

MASUDA YASUTOSHI

MORIKAWA OSAMU

Latest standardized assignees - inventors removed

MEIWA PAX

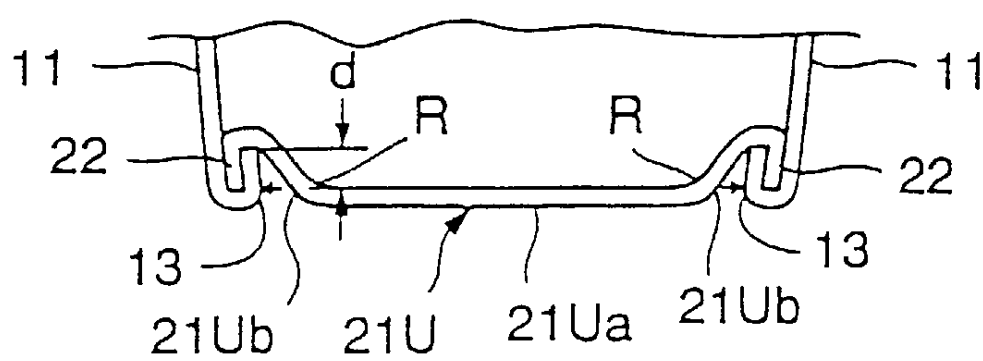
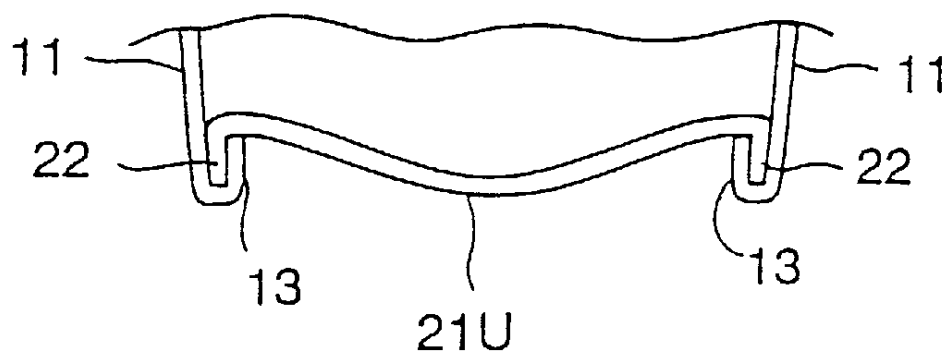
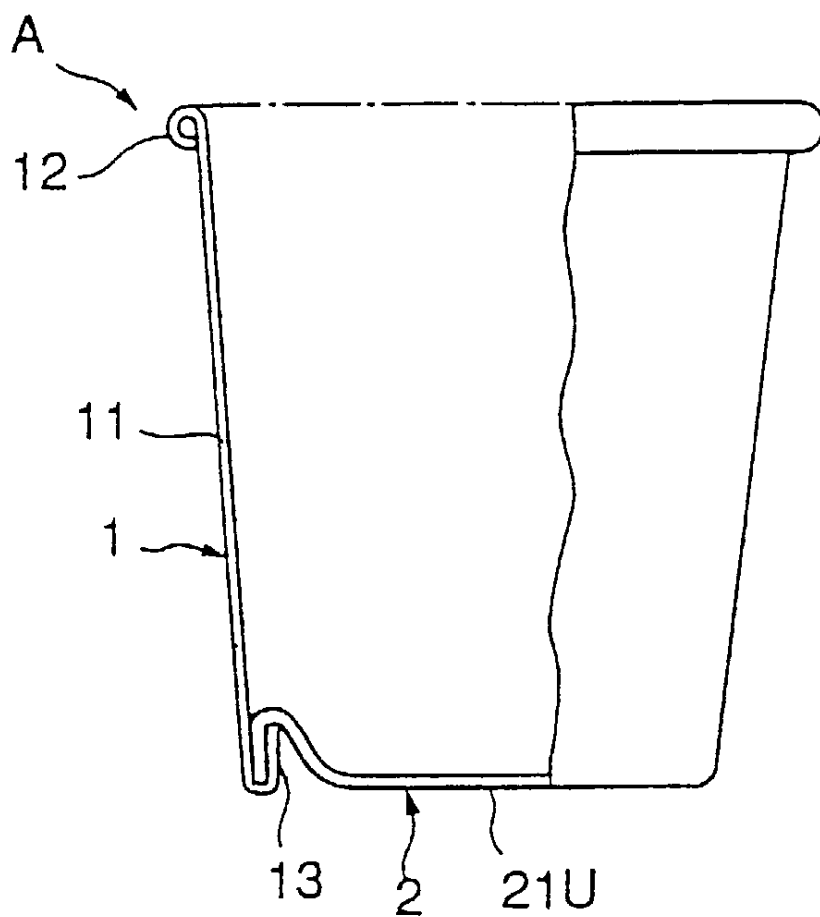
Family 35/200 - FAMPAT - ©Questel

Title

(WO200247523)

Microwave oven-compatible paper cup and method of manufacturing the paper cup

Images



Publication data including kind & date

HK1111664	A1	2012-11-09	HK1111664				
HK1134475	A1	2011-06-30	HK1134475				
JP4660022	B2	2011-01-07	JP4660022				
KR100816458	B1	2008-03-26	KR100816458				
CN1320870	C	2007-06-13	CN1320870C				
CN1481225	A	2004-03-10	CN1481225				
KR20030070053	A	2003-08-27	KR20030070053				
JP2002240167	A	2002-08-28	JP2002240167				
WO02/47523	A1	2002-06-20	WO200247523				

Abstract

(WO02/47523)

A microwave oven-compatible paper cup and a method of manufacturing the paper cup; the paper cup capable of preventing a thread end part from being burnt when the paper cup containing a content such as beverage and instant food is heated for cooking by a microwave oven, comprising a shell member (1) having a cylindrical shell part (11), a top curl part (12) formed by bending the upper end side of the shell part, and a folded part (13) formed by folding up the lower end of the shell part inward, and a bottom member (2) having a bottom surface part (20) and a bent part (22) formed by bending the outer peripheral edge part of the bottom surface part, wherein the bent part (22) is sandwiched between the shell part (11) and the folded part (13) to connect the shell member (1) to the bottom member (2), and the bottom surface part (20) is formed recessedly downward.

Inventors

NOZAKI TATSUYA

ENDO KENICHI

MORISAKO TAKESHI

KOSAKA TOMOHIRO

Latest standardized assignees - inventors removed

DAI NIPPON PRINTING

Family 36/200 - FAMPAT - ©Questel

Title

(US5126520)

Shielded cover for a microwave container

Images

the upper and lower layers of the cover. The top surface of the truncated pyramid includes a series of openings to vent steam produced within the container. Microwave radiation produced by the microwave oven is reflected by the metallic ring and therefore only penetrates the cover to enter or exit the container at the corners and the center section of the cover. Microwaves are concentrated at the center section of the container and retained within the container, heating the center of the food therein proportionally more than the outer portion of the food, resulting food having a uniform and consistent temperature throughout.

Inventors

NOTTINGHAM JOHN R

SPIRK JOHN W

BROKAW PAUL E

SAUNDERS CRAIG M

Latest standardized assignees - inventors removed

G & S METAL PRODUCTS

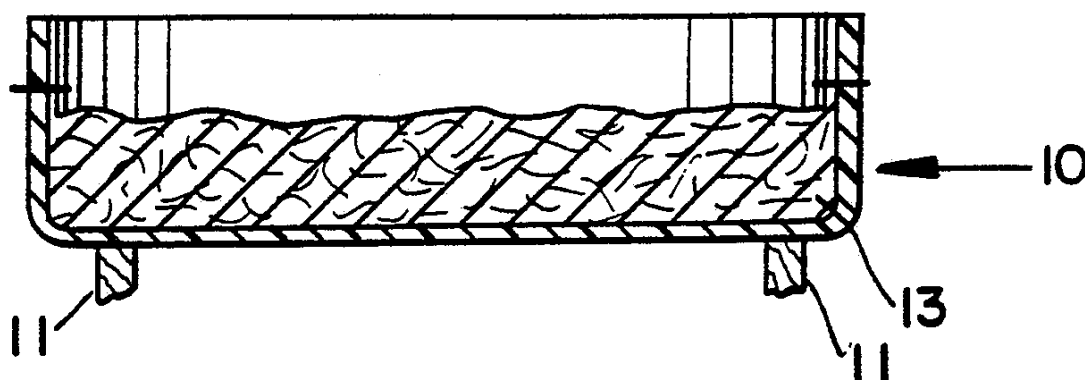
Family 37/200 - FAMPAT - ©Questel

Title

(WO8902210)

Method and container for producing batter-based baked goods

Images



Publication data including kind & date

JPH02501193	A	1990-04-26	JP02501193
US4876428	A	1989-10-24	US4876428
US4865858	A	1989-09-12	US4865858
WO89/02210	A1	1989-03-09	WO8902210



Abstract

(WO89/02210)

A method for producing batter-based baked goods, such as brownies, are produced by subjecting a microwave-transparent pan of batter to microwave energy in a microwave oven. The pan (10), free of sharp corners, is spaced apart from the interior bottom wall of the oven's cavity, and has height, width, and length dimensions such that when one dimension, in inches is $N\lambda/4$, where N is an odd integer from 1 to 15, then one of the other dimensions is $N\lambda/4$, wherein $N\lambda/4$ is an even integer from 2 to 12, and the remaining dimension is $N\lambda/4$ wherein N is either an odd integer from 1 to 15 or an even integer from 2 to 12, being the wave length of waves emanating from the klystron of the microwave oven.

Inventors

PETCAVICH ROBERT J

Latest standardized assignees - inventors removed

DEPOSITION TECHNOLOGY

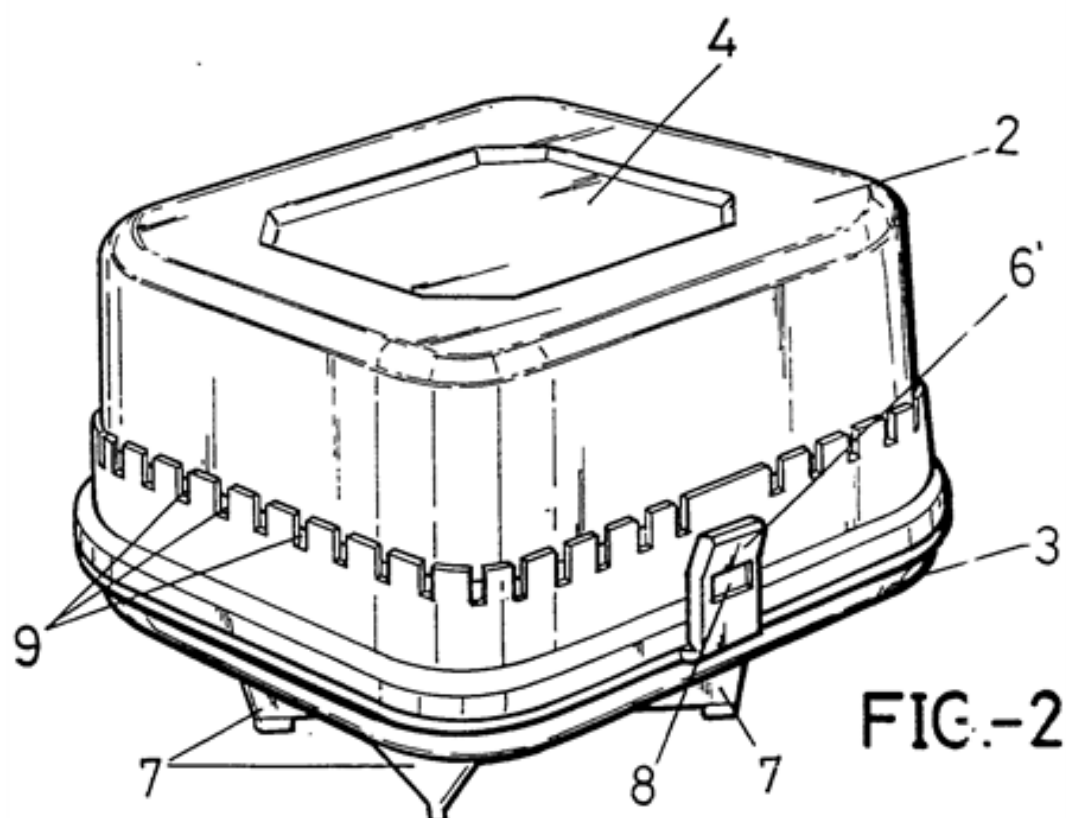
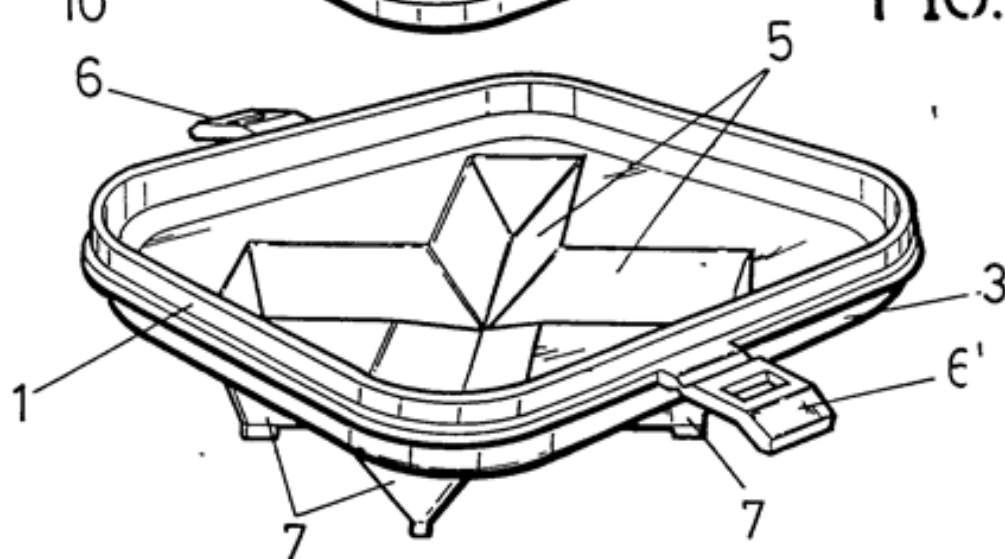
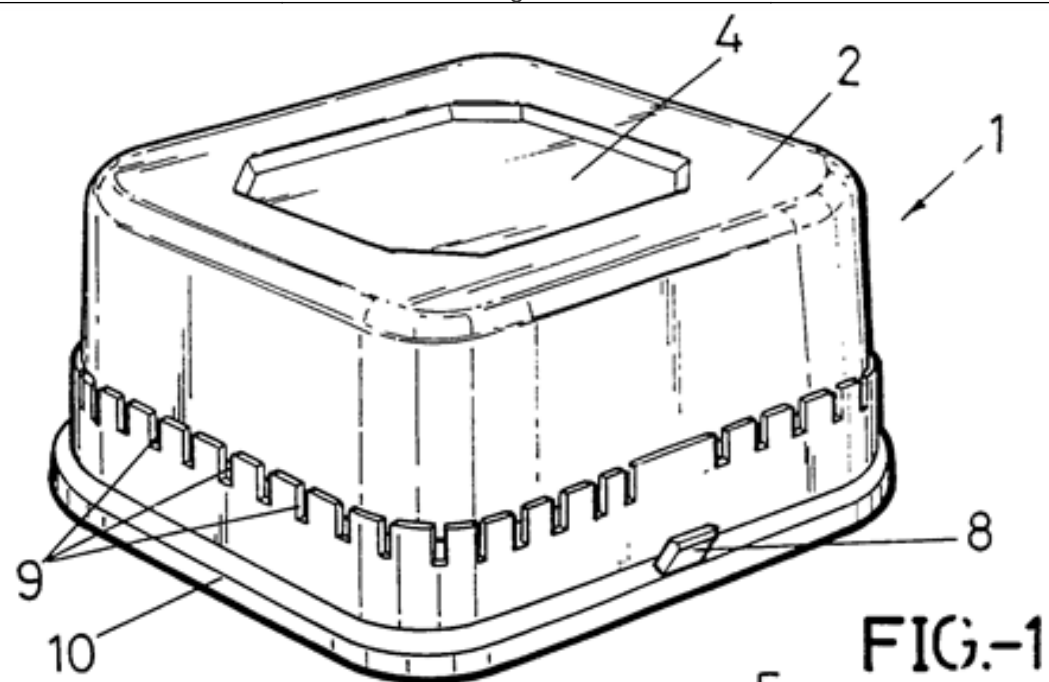
Family 38/200 - FAMPAT - ©Questel

Title

(EP-650906)

Container for producing popcorns in a microwave oven

Images



Publication data including kind & date

DE69406393	D1	1997-11-27	DE69406393
EP0650906	B1	1997-10-22	EP-650906
CA2150202	A1	1996-11-26	CA2150202
EP0650906	A3	1995-06-14	EP-650906
EP0650906	A2	1995-05-03	EP-650906
ES1025353	Y	1994-06-01	ES1025353Y
ES1025353	U	1993-12-16	ES1025353U

**Abstract**

(EP0650906)

A container for producing popcorns in a microwave oven, characterized in that it is constituted starting from two parts (2) and (3) made of a heat-resistant plastic material which with-stands the temperature prevailing inside the oven, and adopting a plantar quadrangular shape, the part (2) having, on its upper portion, an opening (4) perimetricaly surrounded by a surface occupying the remaining of the face (2), there being on the middle lower portion of the side faces, a plurality of ventilation perforations or holes (9) and being completed below by a perimetric projection (10).

Inventors

VILLAR OTERO DOMINGO

Latest standardized assignees - inventors removed

PLASTICOS DE GALICIA S A

Family 39/200 - FAMPAT - ©Questel

Title

(EP1571097)

Microwave heating attachment

Images

Inventors

ZHANG HUA

SHEEHAN BRITA

WILLIAMSON MARK

CROFT ROBERT

SHORT MARTIN

Latest standardized assignees - inventors removed

NESTEC

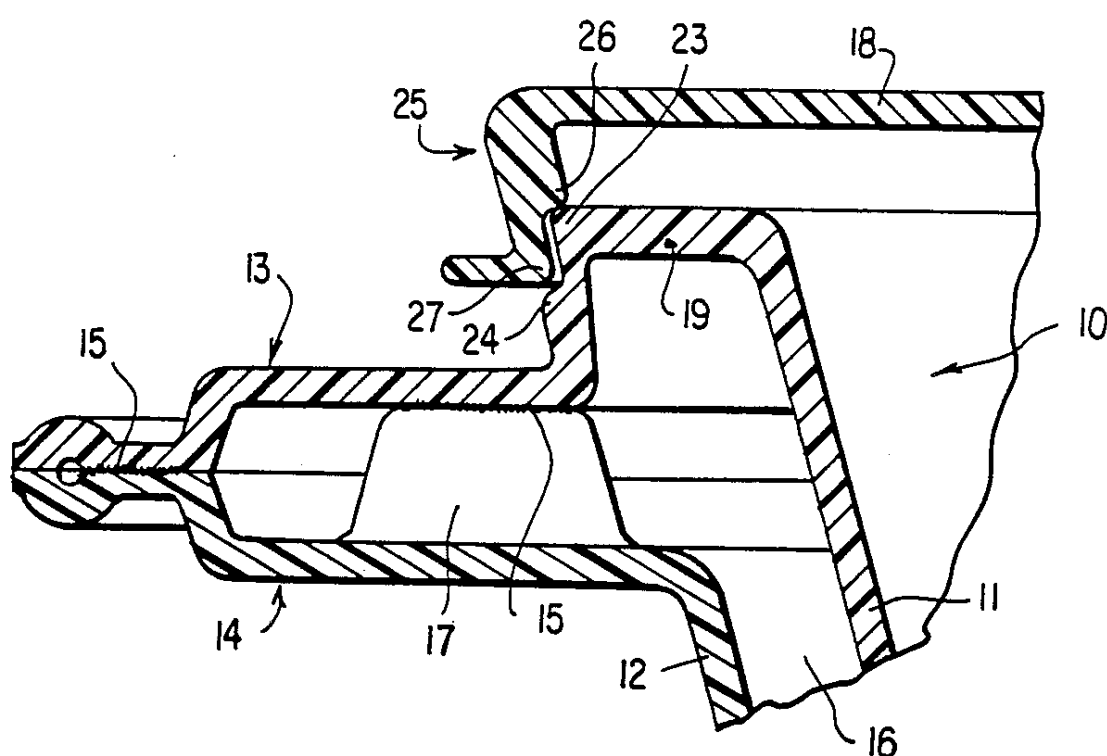
Family 40/200 - FAMPAT - ©Questel

Title

(EP-242701)

Plastic dish-like piece of crockery for a microwave oven

Images



Publication data including kind & date

AR244973	A1	1993-12-30	AR-244973
ES2017660	B3	1991-03-01	ES2017660
AT56601	T	1990-10-15	ATE056601
EP0242701	B1	1990-09-19	EP-242701
CA1270909	A	1990-06-26	CA1270909
CA1270909	C	1990-06-26	CA1270909
US4847459	A	1989-07-11	US4847459
DE3613298	C2	1988-03-17	DE3613298
BR8701851	A	1988-01-26	BR8701851
JPS6311115	A	1988-01-18	JP63011115
EP0242701	A1	1987-10-28	EP-242701
DE3613298	A1	1987-10-22	DE3613298
AU7172287	A	1987-10-22	AU8771722



NO871558	L	1987-10-20	NO-871558
DK177387	A	1987-10-20	DK8701773
DK177387	D0	1987-05-05	DK8701773
NO871558	D0	1987-04-13	NO8701558

**Abstract**

(EP0242701)

Bowl-shaped plastic dish for use in microwave ovens, the dish having a two-part structure composed of an inner shell and an outer shell, each shell having a circumferential, laterally projecting edge web, the inner and outer shells being spaced from one another to define a space containing air, and the shells being welded or glued to one another in the region of the webs to seal the air space.

(From US4847459 A)

Inventors

DESAI, MANOHAR PALSULE

Latest standardized assignees - inventors removed

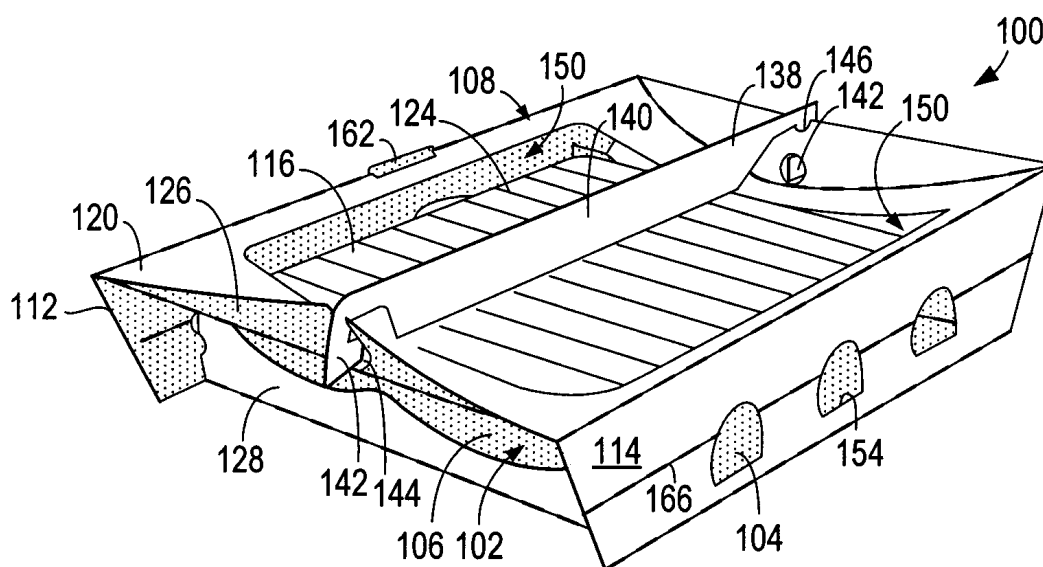
MELITTA WERKE BENTZ & SOHN

Family 41/200 - FAMPAT - ©Questel

Title

(EP2150091)

Microwave heating apparatus

Images**Publication data including kind & date**

EP2493263	B1	2014-06-25	EP2493263
CA2729849	C	2013-03-12	CA2729849
EP2493263	A1	2012-08-29	EP2493263
EP2150091	B1	2012-06-27	EP2150091
WO2010/014422	A3	2010-04-01	WO201014422
WO2010/014422	A2	2010-02-04	WO201014422
US20100025393	A1	2010-02-04	US20100025393
CA2729849	A1	2010-02-04	CA2729849
EP2150091	A1	2010-02-03	EP2150091

**Abstract**

(EP2150091)

A construct comprises a top panel (108), a bottom panel, and a pair of opposed side panels (112, 114) that define an

interior space. The top panel includes a movable portion (116) including a microwave energy interactive element on a side of the movable portion facing the interior space. The construct also includes a cross member (138) adapted to extend at least partially across the movable portion and urge the movable portion toward the interior space.

Inventors

TALPAERT ARNAUD

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

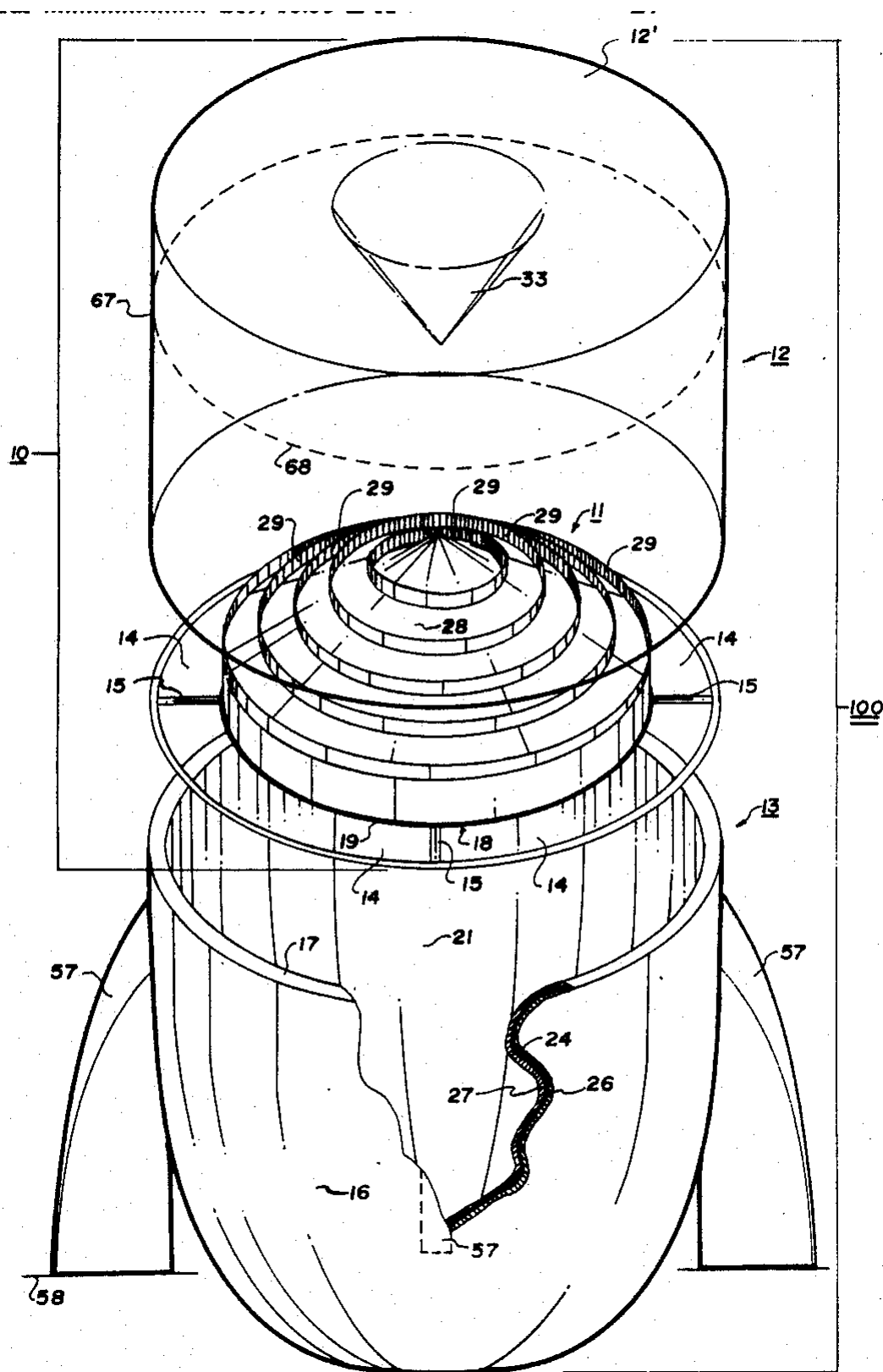
Family 42/200 - FAMPAT - ©Questel

Title

(US4724290)

Microwave popcorn popper

Images



Publication data including kind & date

US4724290

A 1988-02-09 US4724290



Abstract

(US4724290)

A popcorn popper for popping unpopped corn in a microwave oven having a cavity therein and producing a source of microwave energy, comprising a popping section transparent to microwaves for popping an amount of unpopped corn; a containment portion included with the popping section for preventing an amount of popped corn, as the unpopped corn pops and becomes an amount of popped corn, from leaving the popping section and falling into the cavity of the microwave oven; and an at least partially microwave opaque section having an opening therein in open communication with the

popping section for receiving the popped corn. A member included with the popping section and positioned angularly to the horizontal plane urges the popped corn into the at least partially microwave opaque section. Apparatus for supplying a liquid such as a flavoring or melted butter which may be used with the popper or other devices, provides melted butter to the popped corn after a time delay.

Inventors

CAMPBELL MASON M

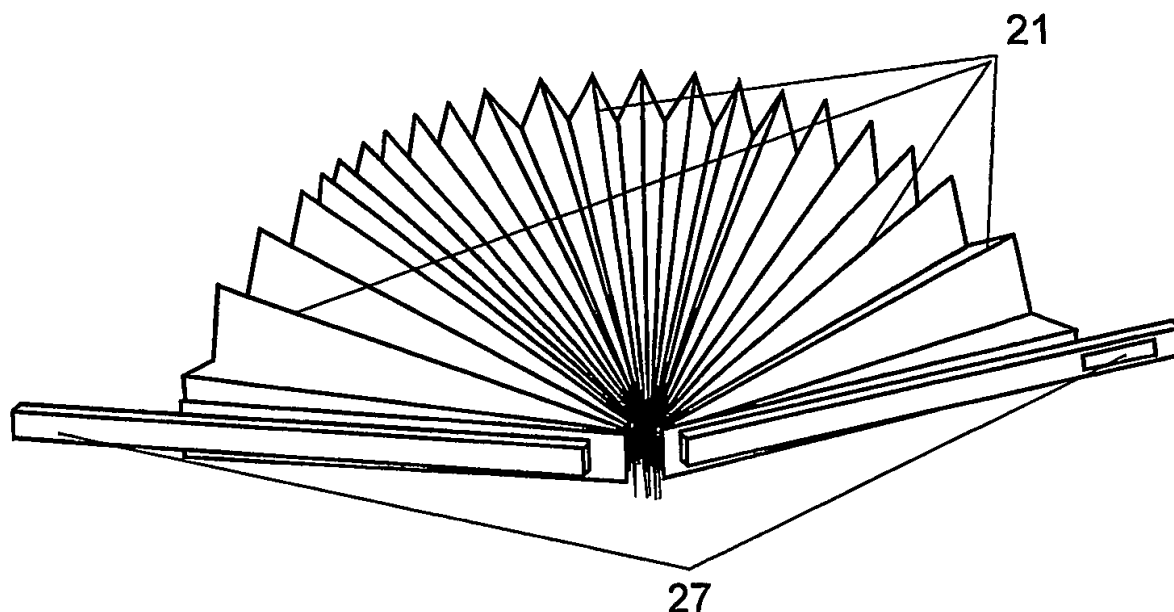
Family 43/200 - FAMPAT - ©Questel

Title

(EP1681970)

Supportive device for microwave heating and cooking of food

Images



Publication data including kind & date

US7820952	B2	2010-10-26	US7820952
AU2004277288	B2	2010-03-25	AU2004277288
US20070272088	A1	2007-11-29	US20070272088
JP2007507258	A	2007-03-29	JP2007507258
EP1681970	A4	2007-01-24	EP1681970
EP1681970	A1	2006-07-26	EP1681970
WO2005/032318	A1	2005-04-14	WO200532318
AU2004277288	A1	2005-04-14	AU2004277288



Abstract

(EP1681970)

A food supportive device (20) for use in microwave heating or cooking of food (10) including a plurality of food contact areas (21) elevated from and substantially integral to a foundation (28) that enables the support of food directly placed on the contact areas, wherein spaces are formed between the elevated food contact areas (21) and the foundation (28) enable the venting or escape of moisture from the food to prevent the food from going soggy.

Inventors

GOMEZ JULIO ANTONIO

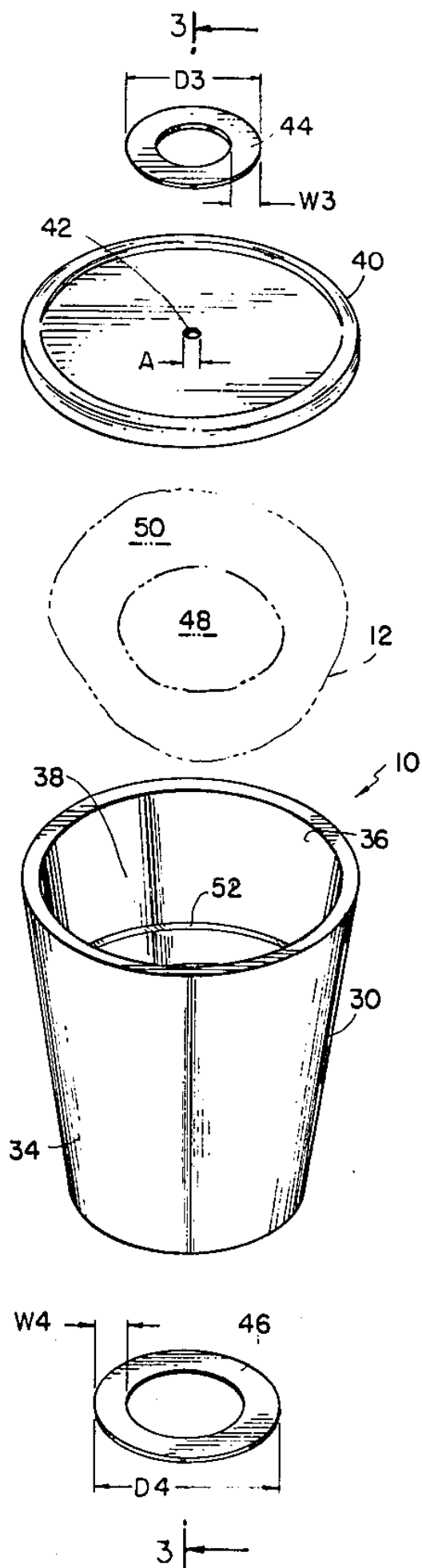
Family 44/200 - FAMPAT - ©Questel

Title

(US4133996)

Microwave oven egg cooking apparatus

Images



Publication data including kind & date[US4133996](#)

A 1979-01-09 US4133996

**Abstract**

(US4133996)

An apparatus for enabling the cooking of a raw shelled egg in a microwave oven of the type that is energizable for a selectable predetermined time period. The apparatus comprises an open top container for receiving the raw egg, a ventilated cover closely fittable over the open top of the container and a first and a second shield disposed above and below the received egg respectively. The shields serve to distribute the available microwave energy to effect the cooking of both the yolk and albumin portions of the received egg to a desired degree of doneness in the selected predetermined time period.

Inventors

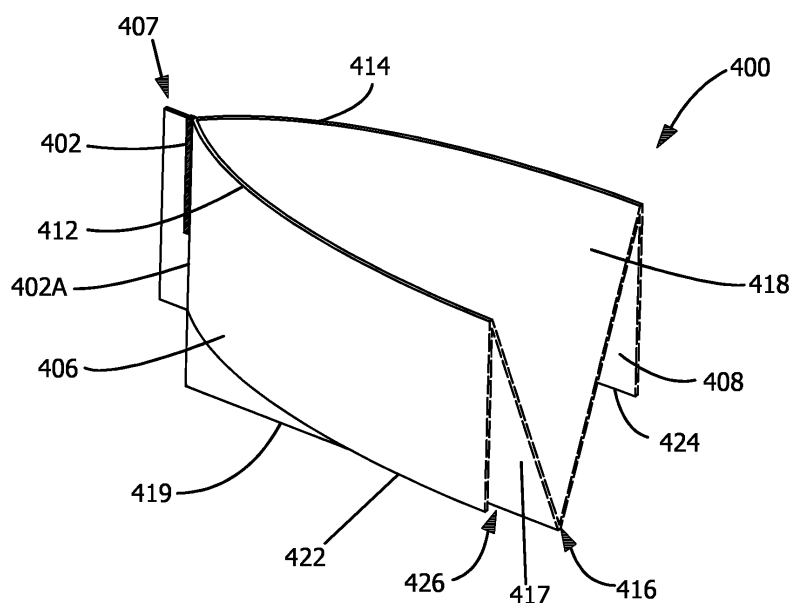
FREAD RONALD G

Family 45/200 - FAMPAT - ©Questel

Title

(EP3036171)

Covers and containment systems and methods for food service pans

Images**FIG. 22**

**GUSSET TOP SIDE SEAL COVER
WITH SHORT SIDES
(SECTION VIEW)**

Publication data including kind & date[AU2018202258](#)

B2 2019-05-30 AU2018202258

[AU2018202258](#)

A1 2018-04-26 AU2018202258

[AU2014309031](#)

B2 2018-01-04 AU2014309031

[EP3036171](#)

A4 2017-05-31 EP3036171

[EP3036171](#)

A2 2016-06-29 EP3036171

[AU2014309031](#)

A1 2016-03-10 AU2014309031



WO2015/026832	A3	2015-05-07	WO201526832
WO2015/026832	A2	2015-02-26	WO201526832
CA2921569	A1	2015-02-26	CA2921569

**Abstract**

(EP3036171)

A heat-shrinkable food pan cover provides a safe, low cost way to cover a food service pan during food preparation, storage, cooking, transport, and reheating. The food pan cover can have first and second side panels. A gusset having first and second gusset panels can be formed between the first and second side panels. A width of each of the gusset panels can be greater than a width of each of the side panels. A first side seal can extend along a portion of a first end, sealing together a portion of each of the first side panel, second side panel, first gusset panel, and second gusset panel. A second side seal can extend along a portion of a second end, sealing together a portion of each of the first side panel, second side panel, first gusset panel, and second gusset panel.

Inventors

BLUCHER TIMOTHY L

SCHMAL MICHAEL D

BACHERT ERNEST E

RADOSTA JOSEPH A

Latest standardized assignees - inventors removed

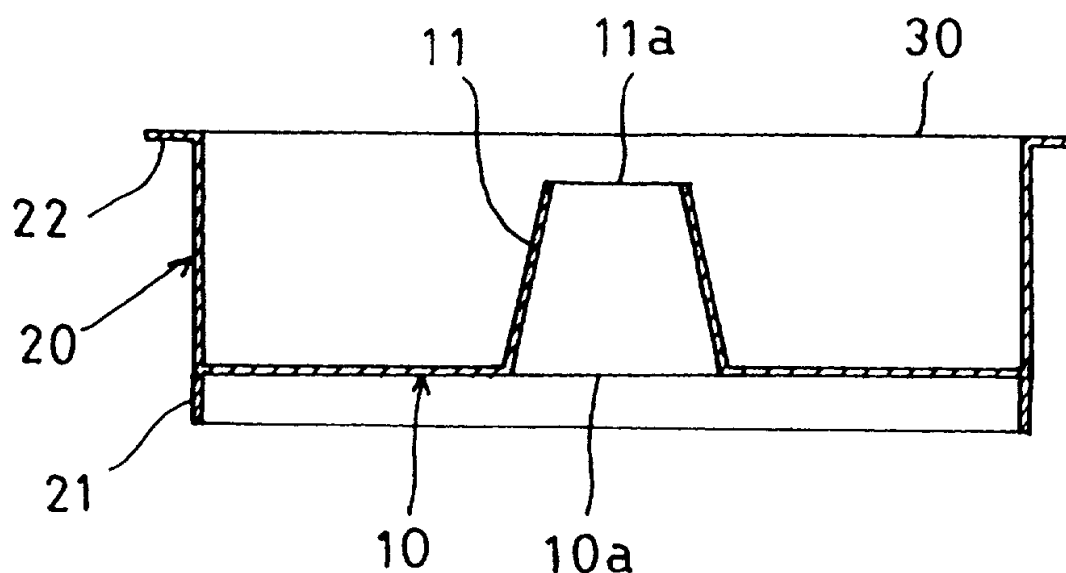
M & Q IP LEASING

Family 46/200 - FAMPAT - ©Questel

Title

(US20020020702)

Food container to be treated by electronic oven and packaged food using this container

Images**Publication data including kind & date**

JP4678701	B2	2011-02-10	JP4678701
US20020020702	A1	2002-02-21	US20020020702
JP2001278362	A	2001-10-10	JP2001278362

**Abstract**

(US20020020702)

Here is disclosed a microwave transmissive container used to heat precooked food filled therein in a microwave oven,

comprising a bottom plate, a side wall extending upward from periphery of the bottom plate and a cap bonded to upper edge of the side wall to close the container, the container being characterized by that: the bottom plate is provided in the vicinity of its central zone with a hollow prominence extending through the bottom plate upward to a level such that a top vent hole of the prominence lies an upper space within the container so that vapor generated from upper surface of the precooked food as it is heated in the microwave oven may be taken in by the top vent hole of the prominence and guided to lower side of the bottom plate. In this way, the container for food adapted to be heated in the microwave oven and the food package using such container improved so that vapor generated from upper surface of precooked food filled therein such as frozen food may be effectively used to heat portions of precooked food lying in the vicinity of the container's central and lower zones and thereby the content may be evenly and quickly heated.

Inventors

MATSUNO ICHIRO

ASADA KOHEI

SHIMIZU KEISUKE

SASAKI HIROTAKE

Latest standardized assignees - inventors removed

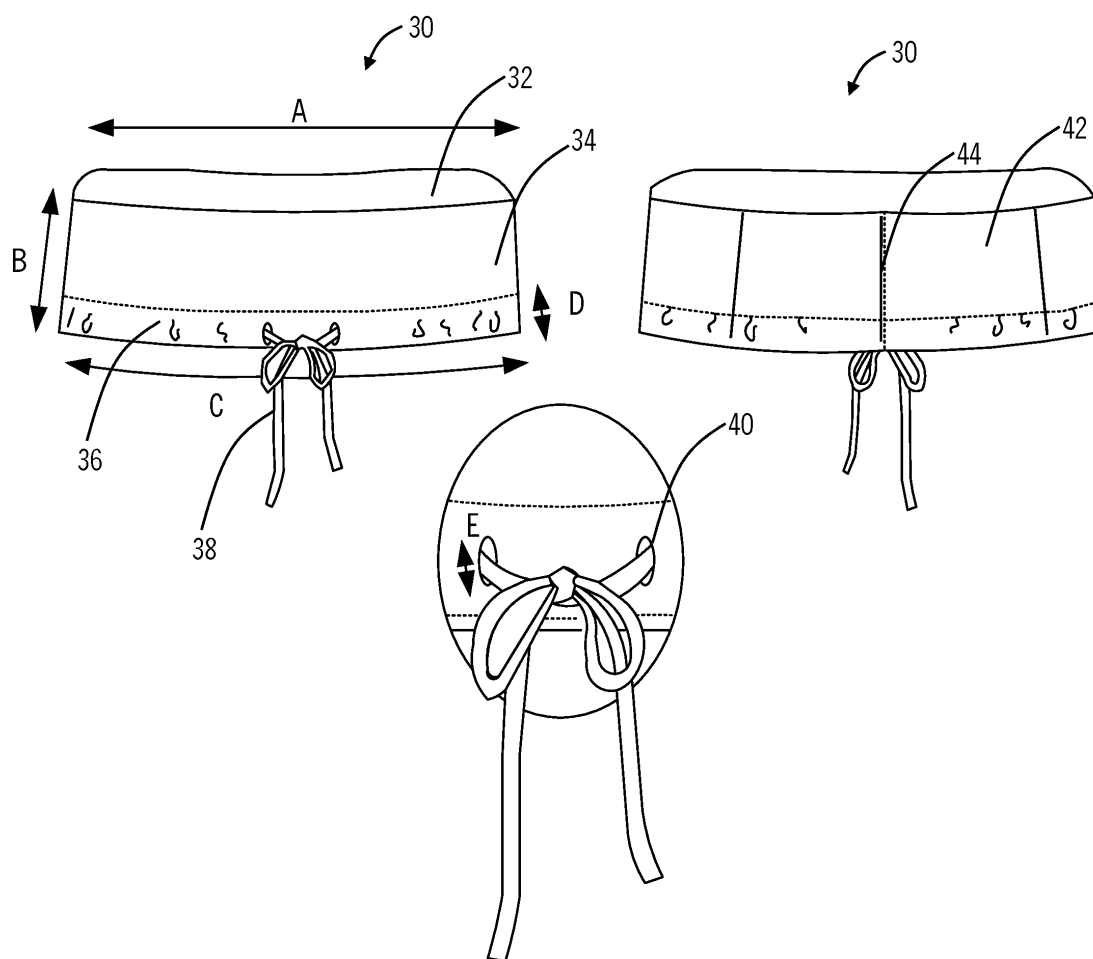
SNOW BRAND MILK PRODUCTS

Family 47/200 - FAMPAT - ©Questel

Title

(US8866055)

Microwave splatter prevention fabric cover and method

Images

[US20110259882](#)

A1 2011-10-27 US20110259882

Abstract

(US20110259882)

The present disclosure describes a fabric cover for covering objects in a microwave. In an exemplary embodiment, the fabric cover is a fitted fabric cover (preferably made from organic or natural cotton material) that has a drawstring that can be used to secure the cover over a microwavable item. The fabric cover for microwave allows for food to be heated and keeps the microwave clean by covering the food and preventing it from splattering the inside of the microwave.

Inventors

DAVIS ASHLEY

Latest standardized assignees - inventors removed

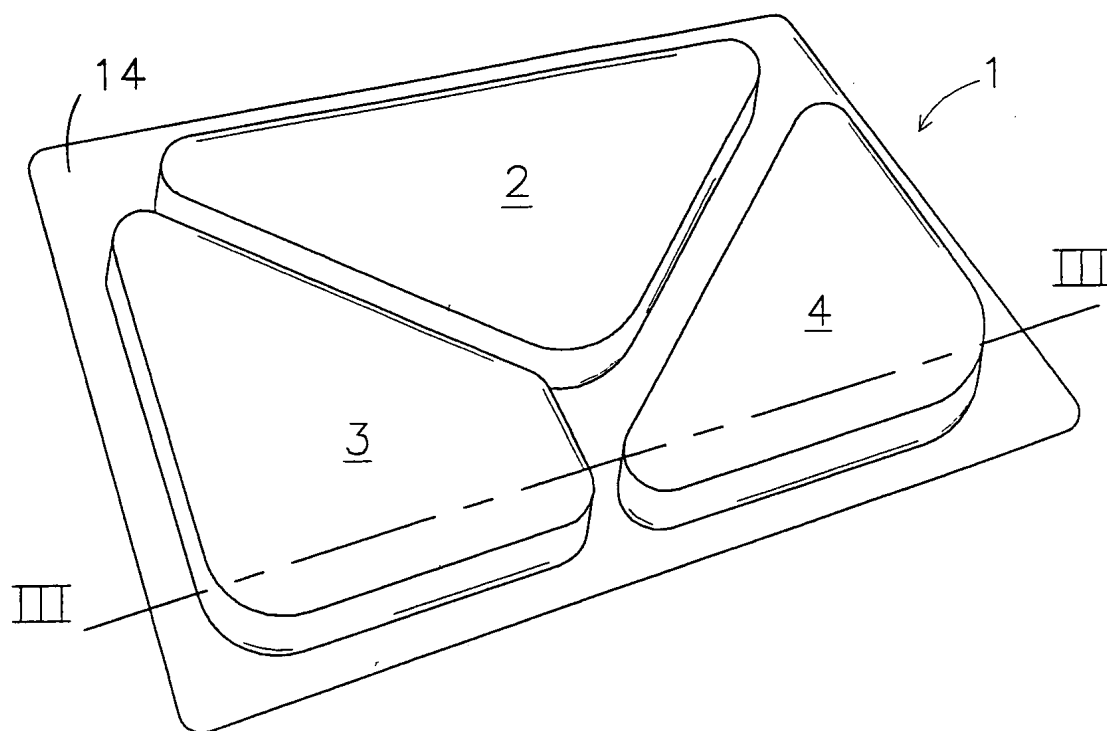
SPLATTERSTOP

Family 48/200 - FAMPAT - ©Questel

Title

(WO200343474)

Microwaveable dish for supporting material which is to be treated in a microwave oven, in particular for foodstuffs to be prepared therein

Images**Publication data including kind & date**

US20040084445	A1	2004-05-06	US20040084445
WO03/043474	A3	2003-12-31	WO200343474
AU2002336337	A1	2003-06-10	AU2002336337
WO03/043474	A2	2003-05-30	WO200343474

**Abstract**

(WO03/043474)

Microwaveable dish (1) for supporting material which is to be treated in a microwave oven, in particular for foodstuffs to be prepared therein, which microwaveable dish (1) comprises two or more compartments (2, 3, 4), a material (7) which influences microwave radiation being incorporated in the wall of at least one of the compartments (3, 4), allowing microwave radiation to be attenuated, amplified or converted into heat, and the wall comprising a plurality of layers, which microwaveable dish (1) comprises two identical, separately prefabricated self-supporting partial containers (5, 6), one of the

partial containers (5) being at least partially accommodated in the other (6), and in which microwaveable dish the material which influences microwave radiation is incorporated as a sheet-like material between the two partial containers (5, 6).

Inventors

VAN DE WEIJER FRANCISCUS JOHAN

DRIESSEN MAURITS SIMON JOHANNE

Latest standardized assignees - inventors removed

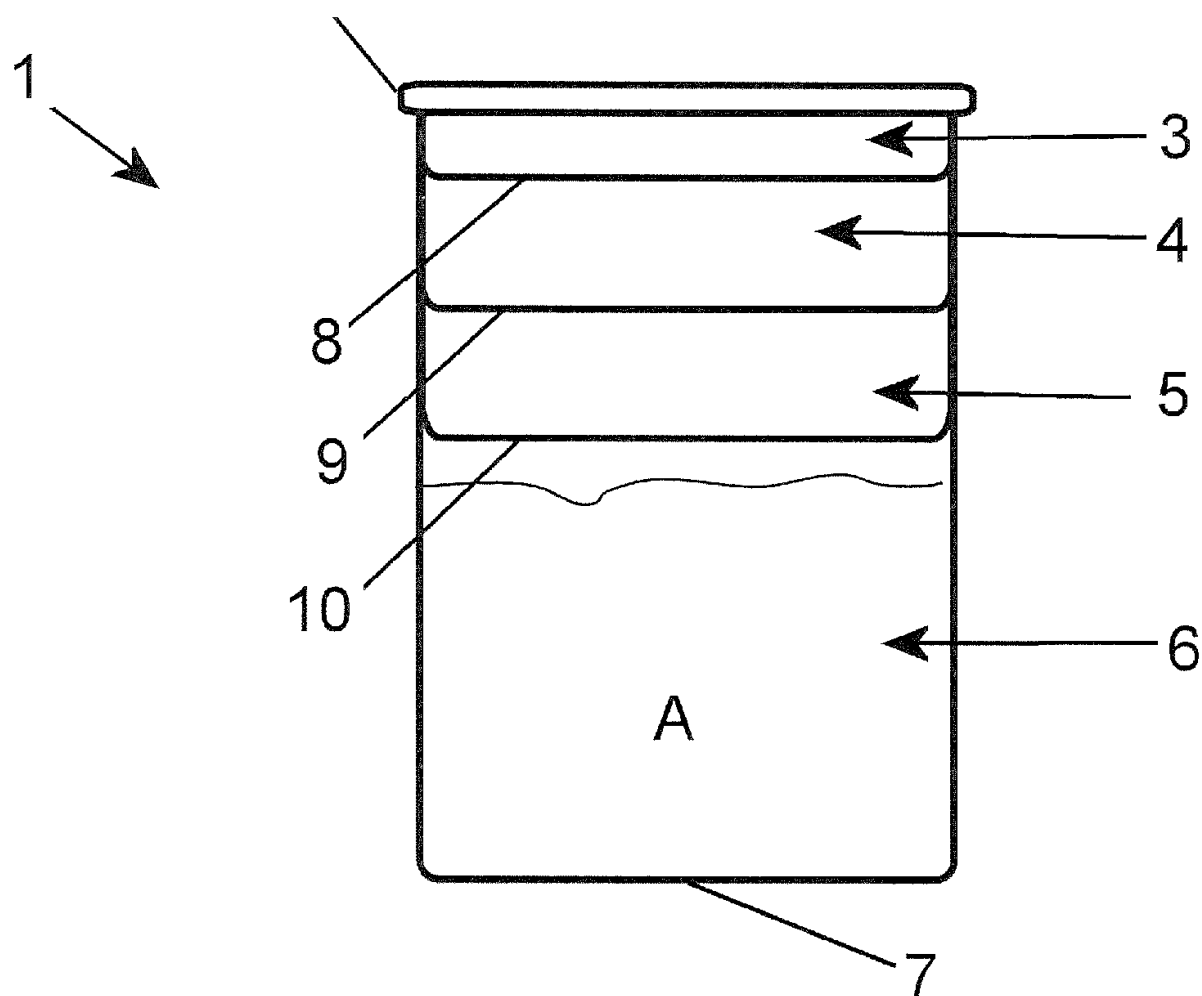
SHIELTRONICS

Family 49/200 - FAMPAT - ©Questel

Title

(GB201622318)

Apparatus for cooking

Images**fig. 1****Publication data including kind & date**

GB2560226	A	2018-09-05	GB2560226
GB201722034	D0	2018-02-14	GB201722034
GB201622318	D0	2017-02-08	GB201622318

**Abstract**

(GB201622318)

An apparatus 1 for cooking in a microwave comprises a plurality of volumes 3, 4 that are interconnected in use. The

volumes are defined by one or more containers 11, 12 which each comprise a base 8 and an entrance to the volume. The volumes are fluidically interconnected by one or more perforations 8 provided on at least one container. The perforations on at least one container are closed by a displaceable seal 15. The apparatus may comprise a single container with at least one divider 76 to define separate volumes within the container or may comprise a plurality of containers which define discrete volumes. The container(s) may have lids 2 or single-use seals to close the entrance(s) to the volume. The perforations may be in the base or the lid of the container(s). The perforations may comprise at least one one-way valve. (From GB2560226 A)

Inventors

SUZANNA MELLERSH

MICHAEL FRANCIS

Latest standardized assignees - inventors removed

MELLERSH SUZANNA

Family 50/200 - FAMPAT - ©Questel

Title

(EP1234534)

Device for making pop-corn in a microwave oven

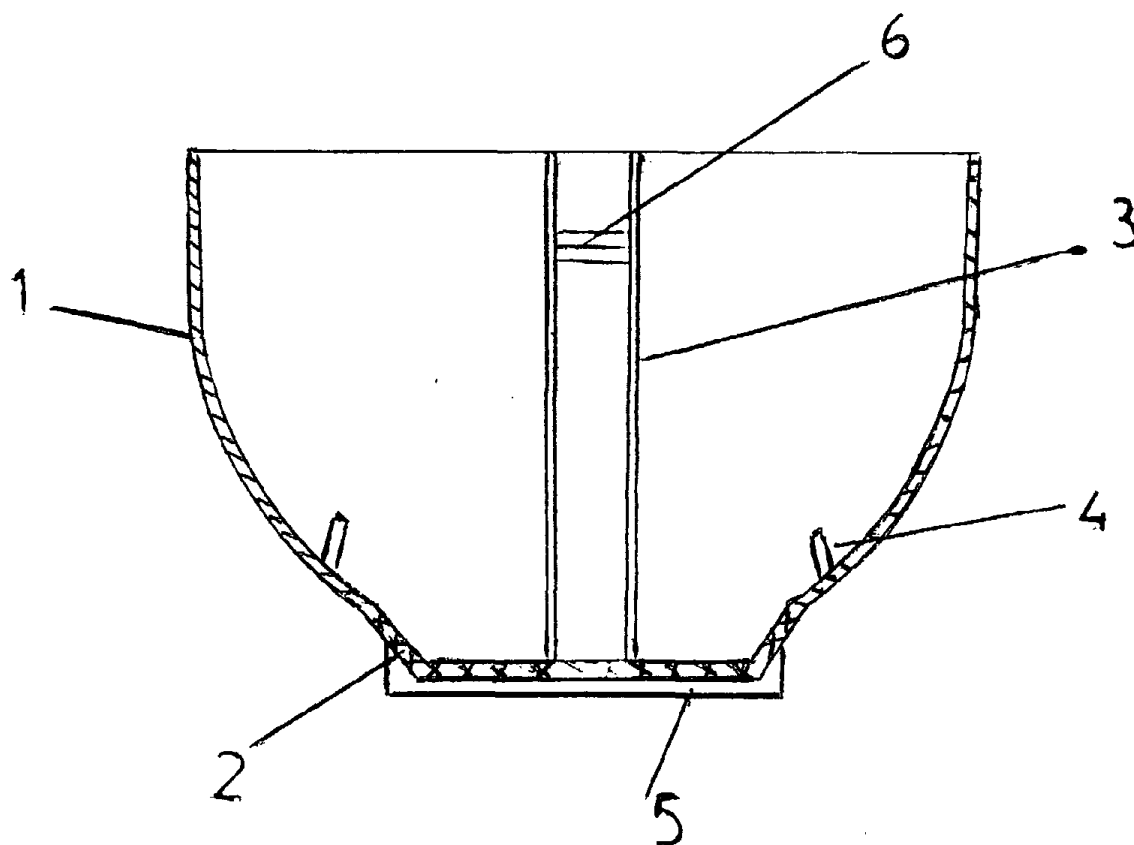
Images

FIG. 2

Publication data including kind & date

FR2821259	B1	2003-05-09	FR2821259
FR2821260	A1	2002-08-30	FR2821260
FR2821259	A1	2002-08-30	FR2821259
EP1234534	A1	2002-08-28	EP1234534

**Abstract**

(EP1234534)

The apparatus comprises a container (1) with a hollow part (2) in which the corn is placed. Tongues (4) serve to brake a part of the already burst popcorn so that it falls back into the hollow part. A rod (3) enables the corn not to be exposed to the central microwaves. Recesses in the cover have holes which allow the corn to be aerated.

Inventors

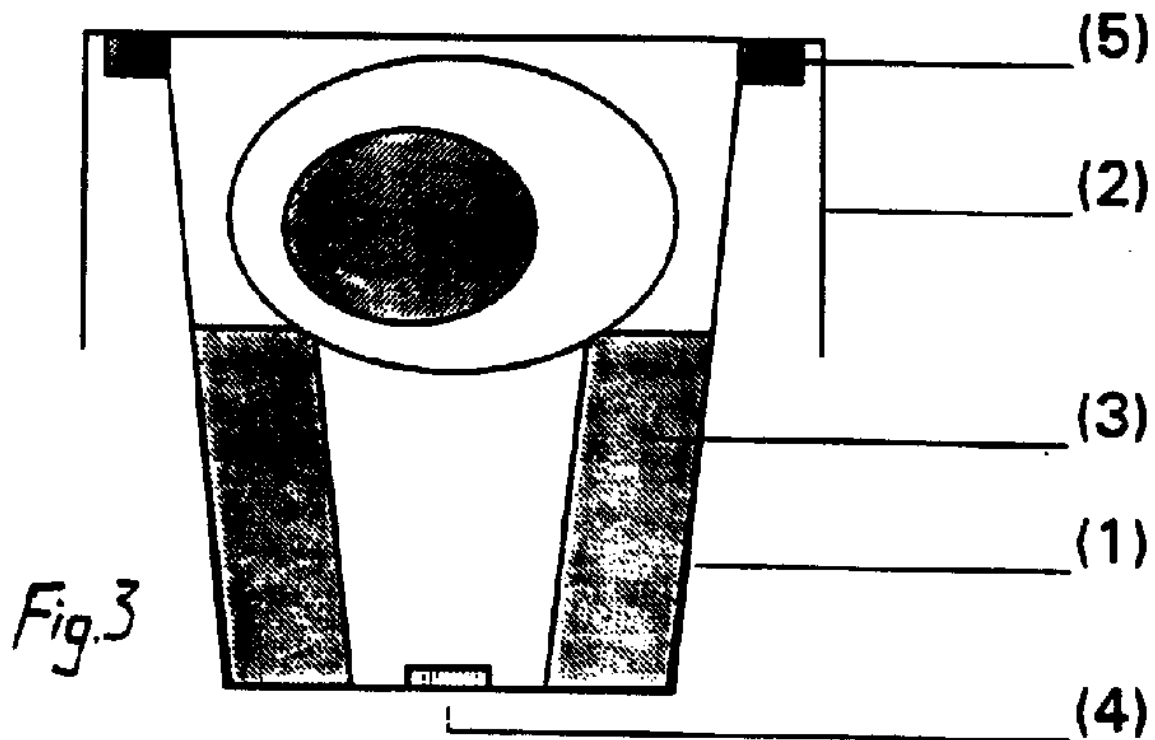
WAHAB ABDUL MATIN

Family 51/200 - FAMPAT - ©Questel

Title

(DE4410807)

Boiling eggs in shell

Images**Publication data including kind & date**[DE4410807](#)

A1 1995-10-05 DE4410807

**Abstract**

(DE4410807)

The outer egg shell is pierced to prevent uneven cooking and inhomogeneity in the boiled state. In addition to inner heating by microwave radiation the egg is also heated by steam which is heated by pressure increase to more than 100 deg. C. For boiling the egg a vessel (1) transparent to microwave radiation is used to contain the water. The egg is partly secured (2) against the microwave radiation to provide sufficient energy for steam generation. The pressure increase is typically attained by tight closure of the vessel under control of an overpressure valve.

Inventors

SCHMITZ RAIMUND DR

Family 52/200 - FAMPAT - ©Questel

Title

(EP3334663)

Microwave heating package with polarized shield

Images

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

Family 54/200 - FAMPAT - ©Questel

Title

(BR102017023480)

MODULAR SYSTEM OF THE METAL CONTAINER FOR OVEN OF MICROWAVES WITH A COVER AND A UTENSIL FOR FEEDING

Images

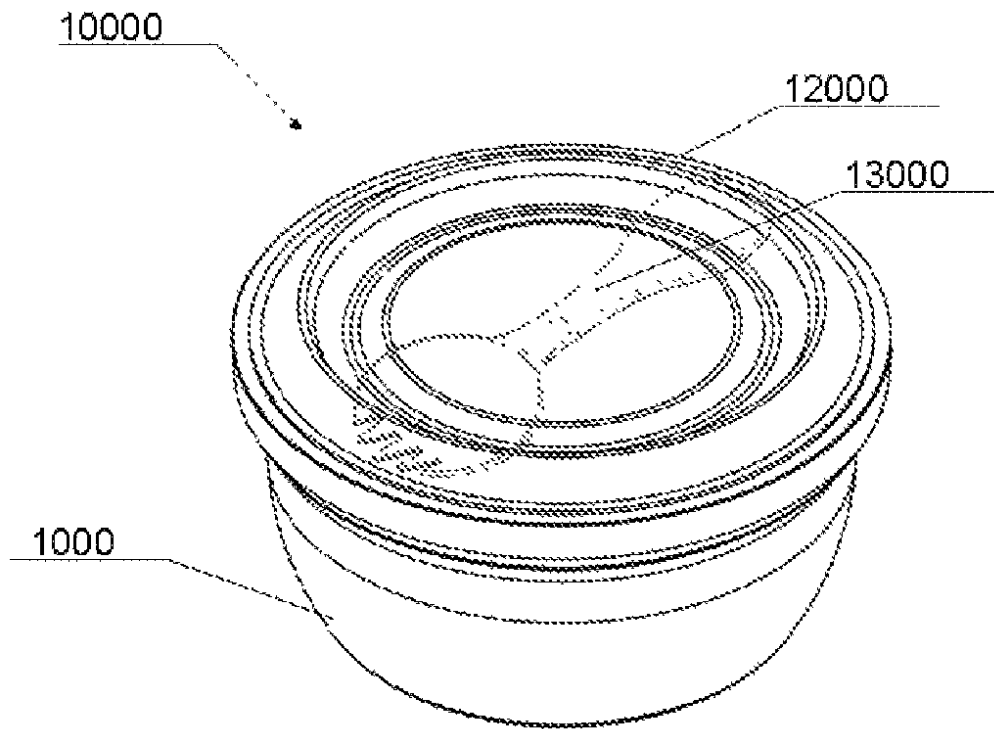


FIG. 1

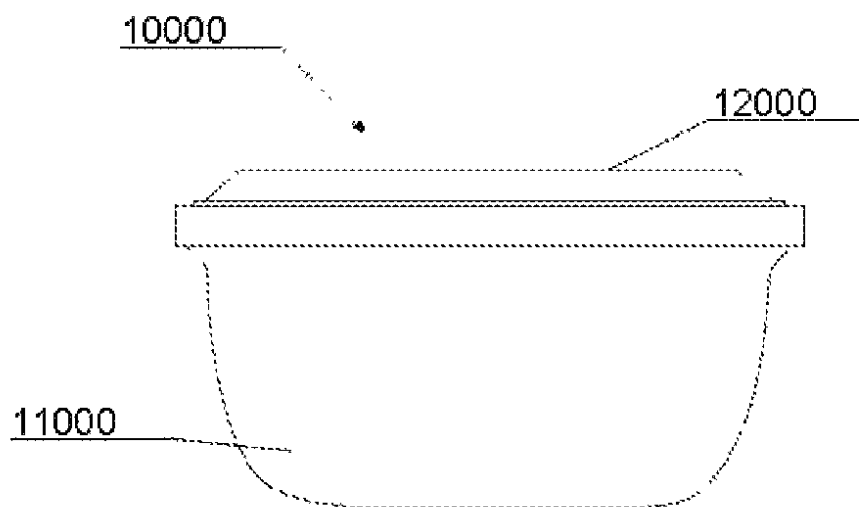


FIG 2

Publication data including kind & date

CO2017010804	U1	2019-04-30	CO2017010804U
BR102017023480	A2	2018-05-29	BR102017023480
CL2017002730	U1	2018-05-11	CL2730201700U
ES1203638	U	2018-01-24	ES1203638U
BR102017023480	A1	2017-11-14	BR102017023480

**Abstract**

(BR102017023480)

"modular system of the metal container for oven of microwaves with a cover and a utensil for feeding" to present invention mentions to a modular system, comprising: a) a molded metal container integrally to contain foods, that for its characteristics of conception and specific dimensions, are adjusted for food heating having used an oven of microwaves without reflecting the microwaves, avoiding in this manner to damage the oven; b) a acoplável cover to the container that has a way of support to support a utensil for feeding; and c) a utensil to eat acoplável to the way of setting of the cover; the referred to modular system is adjusted for the conservation, storage, transport and food for immediate consumption of the food.

Inventors

ALBERTO ALVAREZ ZAVALA

Latest standardized assignees - inventors removed

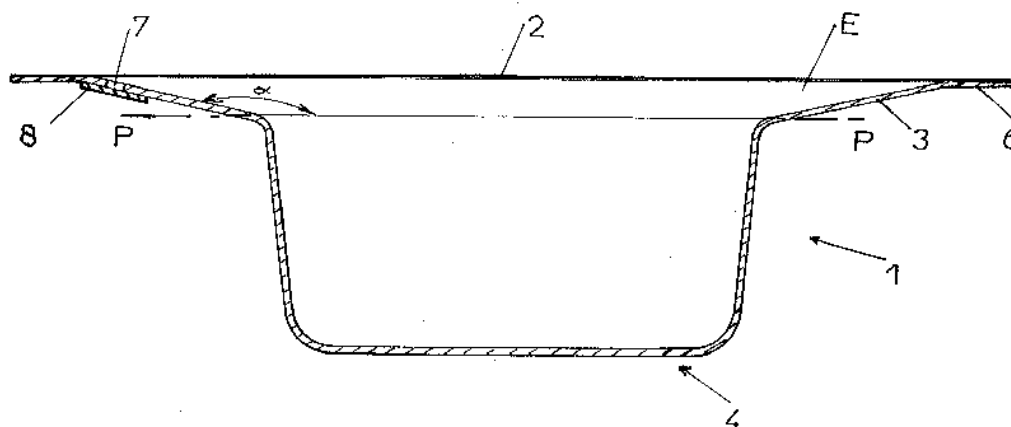
ENVASES UNIVERSALES DE MÉXICO

Family 55/200 - FAMPAT - ©Questel

Title

(FR2868757)

Food product e.g. vegetable, cooking process, involves maintaining degassing valve in closed position to produce immediate re-condensation of vapor, which leads to creation of air space drawing barrier film till it covers products

Images**Publication data including kind & date**

FR2868757	B1	2009-11-20	FR2868757
FR2868757	A1	2005-10-14	FR2868757

**Abstract**

(FR2868757)

The process involves closing a degassing valve (8) of a degas opening (7) and maintaining the valve in closed position, at a temperature of 100 degrees, so that an immediate re-condensation of the vapor is produced inside a hermetically closed package. The re-condensation leads to the creation of an air space, which draws a barrier film (2) in a downward direction till it covers products that are contained in a fruit basket (1). Independent claims are also included for the following: (A) a precooked food product package (B) a device for cooking food products (C) an apparatus for cooking products that are packaged in a package.

Inventors

BEAUFILS PHILIPPE

Latest standardized assignees - inventors removed

CONCEPT NATURE COM LAB

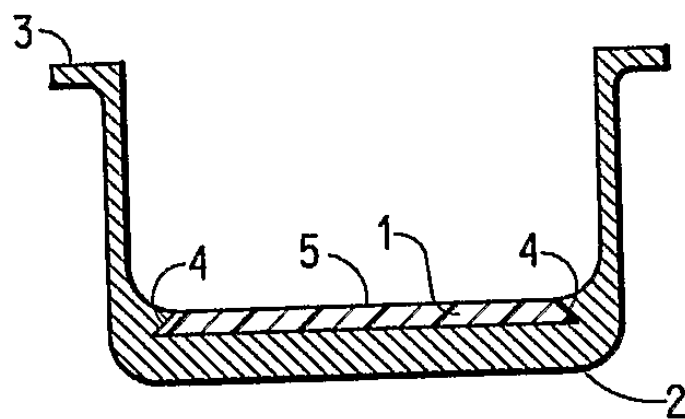
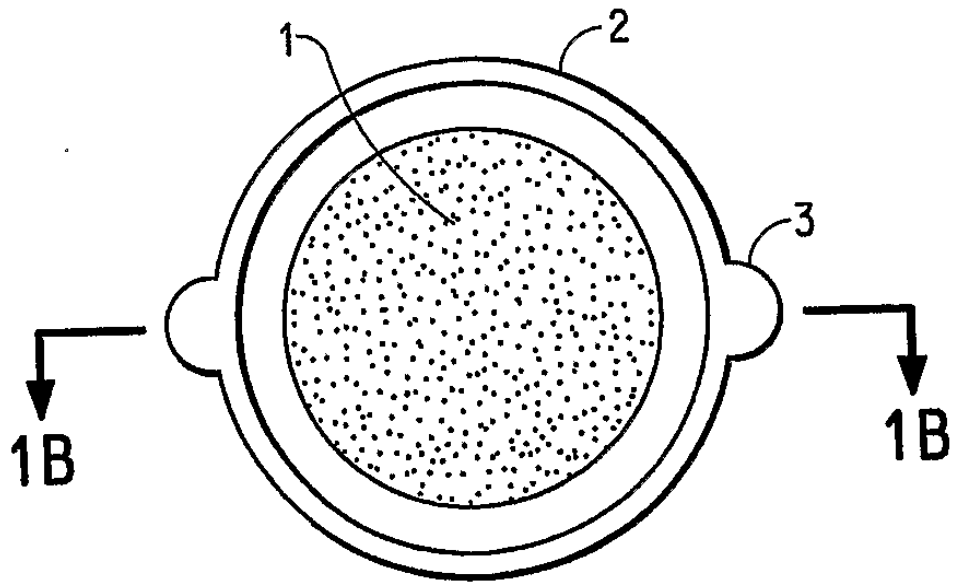
Family 56/200 - FAMPAT - ©Questel

Title

(EP1824915)

Ovenware for microwave oven

Images



Publication data including kind & date

JP2008522758	A	2008-07-03	JP2008522758
EP1824915	A1	2007-08-29	EP1824915
WO2006/063225	A1	2006-06-15	WO200663225
CA2589134	A1	2006-06-15	CA2589134

**Abstract**

(EP1824915)

Ovenware for microwave ovens which contain a composition comprising a ferrite susceptor which has a Curie point temperature of about 100°C to 300°C and a thermoplastic or thermoset polymer are improved and said composition is in contact with the food or drink to be heated or cooked, and/or composition has a thermal conductivity of 0.7 W/m°K or more. Heat generated by absorption of microwave radiation by the susceptor is more readily conducted to the food being cooked when the thermal conductivity of the composition is high, particularly when the part containing the susceptor is relatively thick. The ovenware and food being cooked. Also described are designs for various pieces of ovenware containing this composition.

Inventors

WAGGONER MARION GLEN

CITRON JOEL DAVID

MOONS ROGER

MOLNAR CHARLES J

SAMUELS MICHAEL ROBERT

Latest standardized assignees - inventors removed

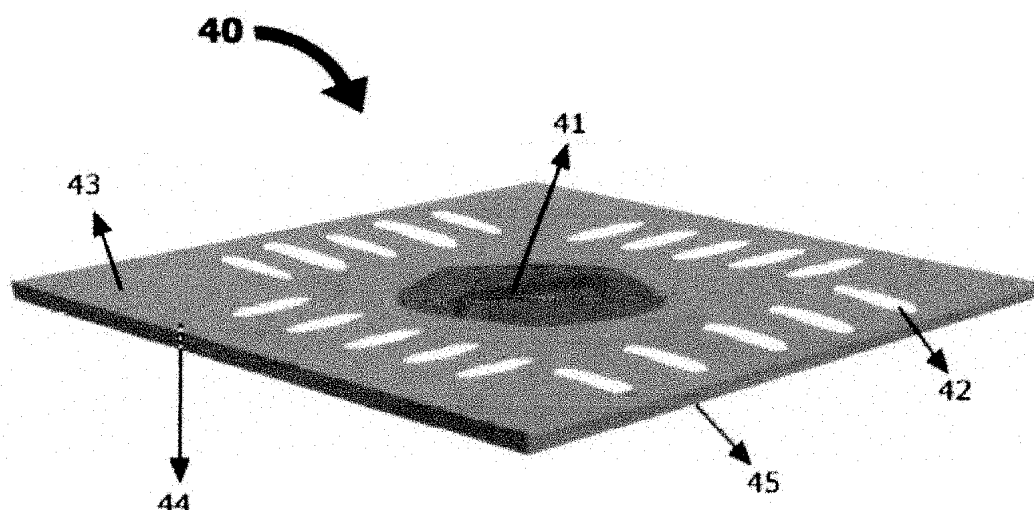
DU PONT DE NEMOURS

Family 57/200 - FAMPAT - ©Questel

Title

(US20180153339)

Microwave bacon cooker with lid

Images**Publication data including kind & date**

US20180153339	A1	2018-06-07	US20180153339
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**Abstract**

(US20180153339)

A structure for cooking strips of bacon in a microwave oven in a safer and cleaner way. The structure consists of three parts, the base receptacle, which collects the grease produced during the cooking process; the cooking platform, which presents a lattice style surface over which the strips of bacon are placed to be cooked. This cooking platform is positioned

directly inside the base receptacle so that hot liquid grease from the bacon drains into the base receptacle; and a ventilation lid which extends over the open upper end of the base receptacle to prevent the splatter of grease inside the microwave oven and to further protect the user from sizzling grease when the cooker is removed from the microwave.

Inventors

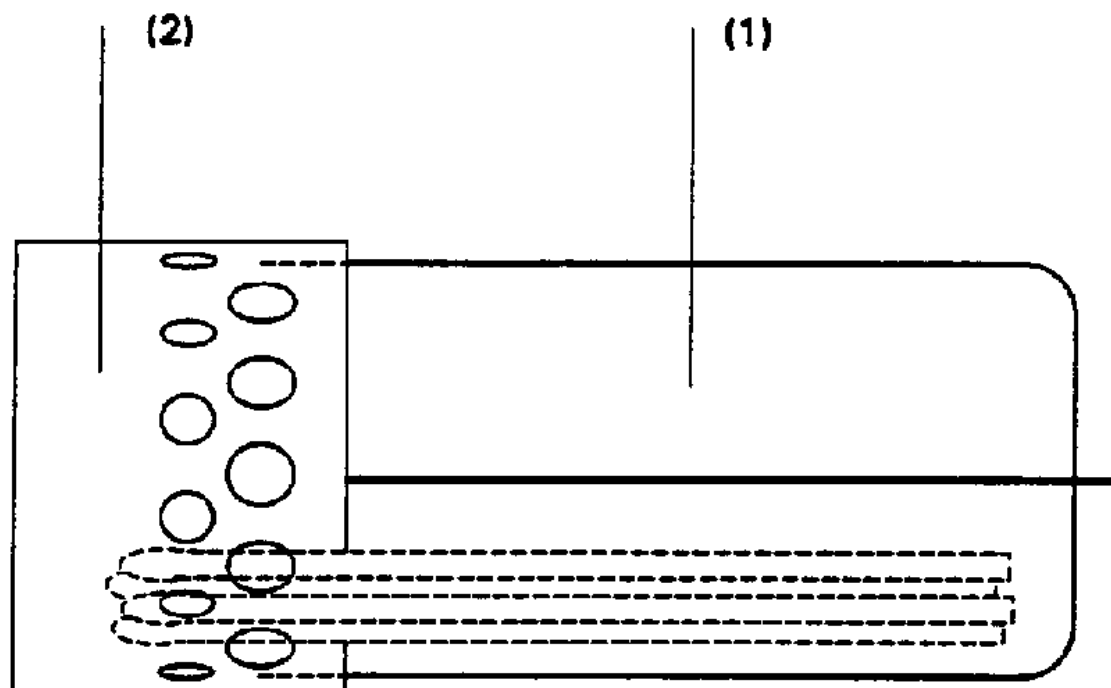
HINRICHSEN WILLIAM GEORGE

Family 58/200 - FAMPAT - ©Questel

Title

(DE4415226)

Receptacle for microwave oven

Images**Publication data including kind & date**

DE4415226	A1	1995-09-07	DE4415226
DE9403240	U1	1994-04-14	DE9403240

**Abstract**

(DE4415226)

The food being cooked is partly protected from the intensity of the microwaves. This is done by a partial shield (2) placed in the microwave-permeable cooking receptacle. The shield may be made of metal which is opaque to microwaves. The shield may be a hollow cylinder with a large number of circular perforations.

Inventors

SCHMITZ RAIMUND DR

Latest standardized assignees - inventors removed

SCHMITZ RAIMUND DR

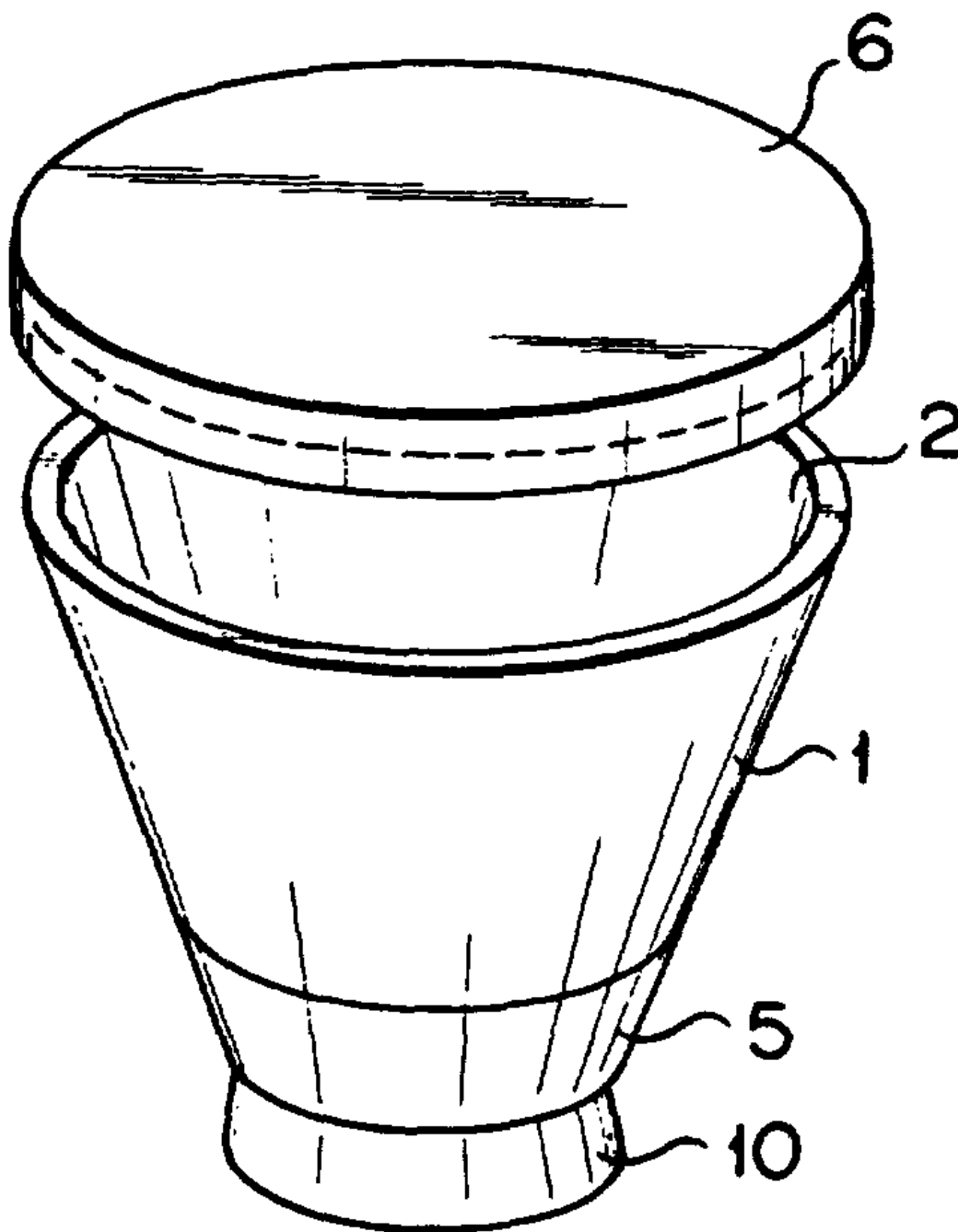
Family 59/200 - FAMPAT - ©Questel

Title

(EP--22577)

Cooking vessel for microwave oven

Images



Publication data including kind & date

JP1296377	C	1985-12-26	JP1296377
JPS6018891	B2	1985-05-13	JP85018891
DE3069928	D1	1985-02-21	DE3069928
EP0022577	B1	1985-01-09	EP--22577
AU533416	B2	1983-11-24	AU-533416
CA1116246	A	1982-01-12	CA1116246
JPS5612928	A	1981-02-07	JP56012928
EP0022577	A1	1981-01-21	EP--22577
AU6013380	A	1981-01-15	AU8060133



Abstract

(EP0022577)

A cooking vessel to be set in a high-frequency heating chamber and heating kernels of corn by a high-frequency to produce popcorn comprises: a vessel body (1) formed of a high-frequency transmitting material and having an opening (2); a cover (6) capable of closing up said opening; and a heating vessel (5) including a heating chamber (4) coupled with the bottom of said vessel body to communicate with said vessel body and having a sloping peripheral wall, and a high-frequency absorbing member (11), whereby said kernels of corn in said heating chamber will be heated by heat generated when said high-frequency absorbing member absorbs high-frequency and by high-frequency dielectric heating.

Inventors

ISHIKAWA, TERUO

Latest standardized assignees - inventors removed

TOSHIBA

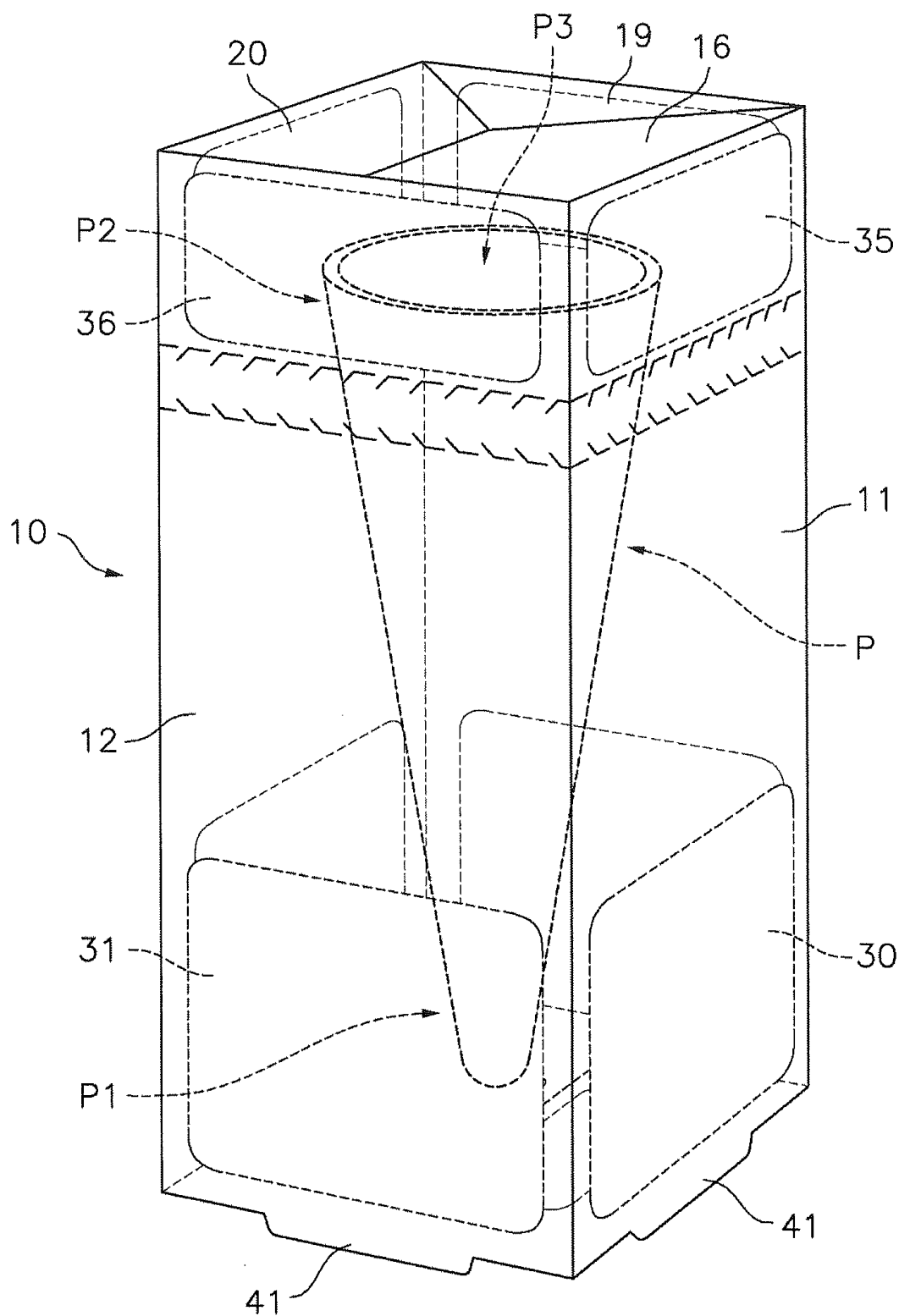
Family 60/200 - FAMPAT - ©Questel

Title

(EP2825480)

Packaging having field modifiers for improved microwave heating of cone-shaped products

Images



Publication data including kind & date

CA2867103	C	2019-06-11	CA2867103
ES2616977	T3	2017-06-15	ES2616977
CN104302558	B	2017-04-12	CN104302558B
EP2825480	B1	2016-08-10	EP2825480
US20150090709	A1	2015-04-02	US20150090709
EP2825480	A1	2015-01-21	EP2825480
CN104302558	A	2015-01-21	CN104302558
WO2013/136102	A1	2013-09-19	WO2013136102



CA2867103

A1 2013-09-19 CA2867103

Abstract

(EP2825480)

The packaging comprises a plurality of wall panels (11-16) forming a box-shaped container (10) configured to contain a filled dough-based cone-shaped product (P). Said wall panels (11-16) comprise a substrate made of a microwave inert material and a plurality of shielding patches (30-38) made of a microwave shielding material arranged on selected inner areas thereof. The shielding patches (30-38) comprise a first set of shielding patches (30-34) located around a lower cone tip region (P1) of said filled dough-based cone-shaped product (P) and configured to shield said lower cone tip region (P1), and a second set of shielding patches (35-38) located around an upper cone rim region (P2) of the filled dough-based cone-shaped product (P) and configured to shield said upper cone rim region (P2) and enhance the heating of an exposed central top region (P3) of a filling of the filled dough-based cone-shaped product (P).

Inventors

CHOUIKHI SIDI

Latest standardized assignees - inventors removed

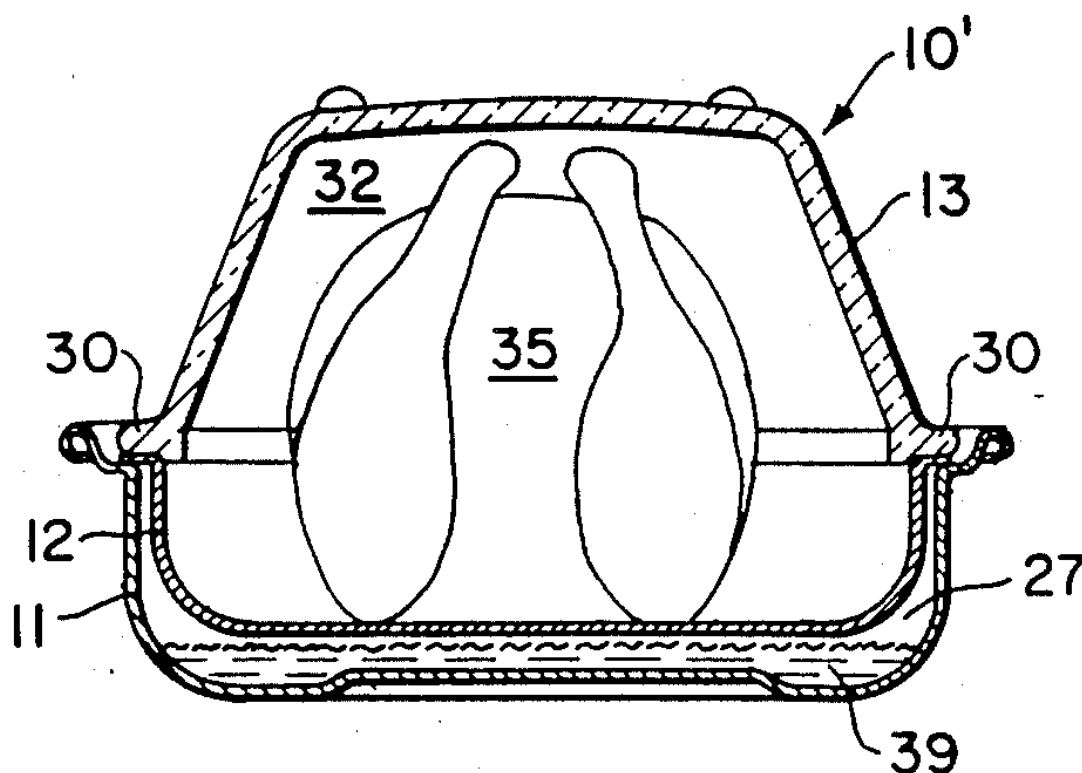
CONEINN MARKETING

Family 61/200 - FAMPAT - ©Questel

Title

(US4880951)

Food preparation kit for use in cooking food in microwave oven or in thermal oven

Images**Publication data including kind & date**

US4880951

A 1989-11-14 US4880951

**Abstract**

(US4880951)

A cooking kit which is useful in cooking food in a microwave oven chamber and also can be employed in thermal ovens and on a cooking range. The kit includes an imperforate outer metal pot, a perforated inner metal pot which nests in the outer metal pot. The perforated bottom surface of the inner metal pot is spaced apart from the bottom surface of the outer metal

pot to provide a metal shielded drainage collection chamber between the two pots. A microwave transmissive cover fits on the nested metal pots and forms a cooking chamber which includes at least the perforated inner metal pot. The outer metal pot is preferably coated with porcelain enamel which functions as a thermal and electrical insulator.

Inventors

LEVINSON MELVIN L

Latest standardized assignees - inventors removed

GENERAL HOUSEWARES

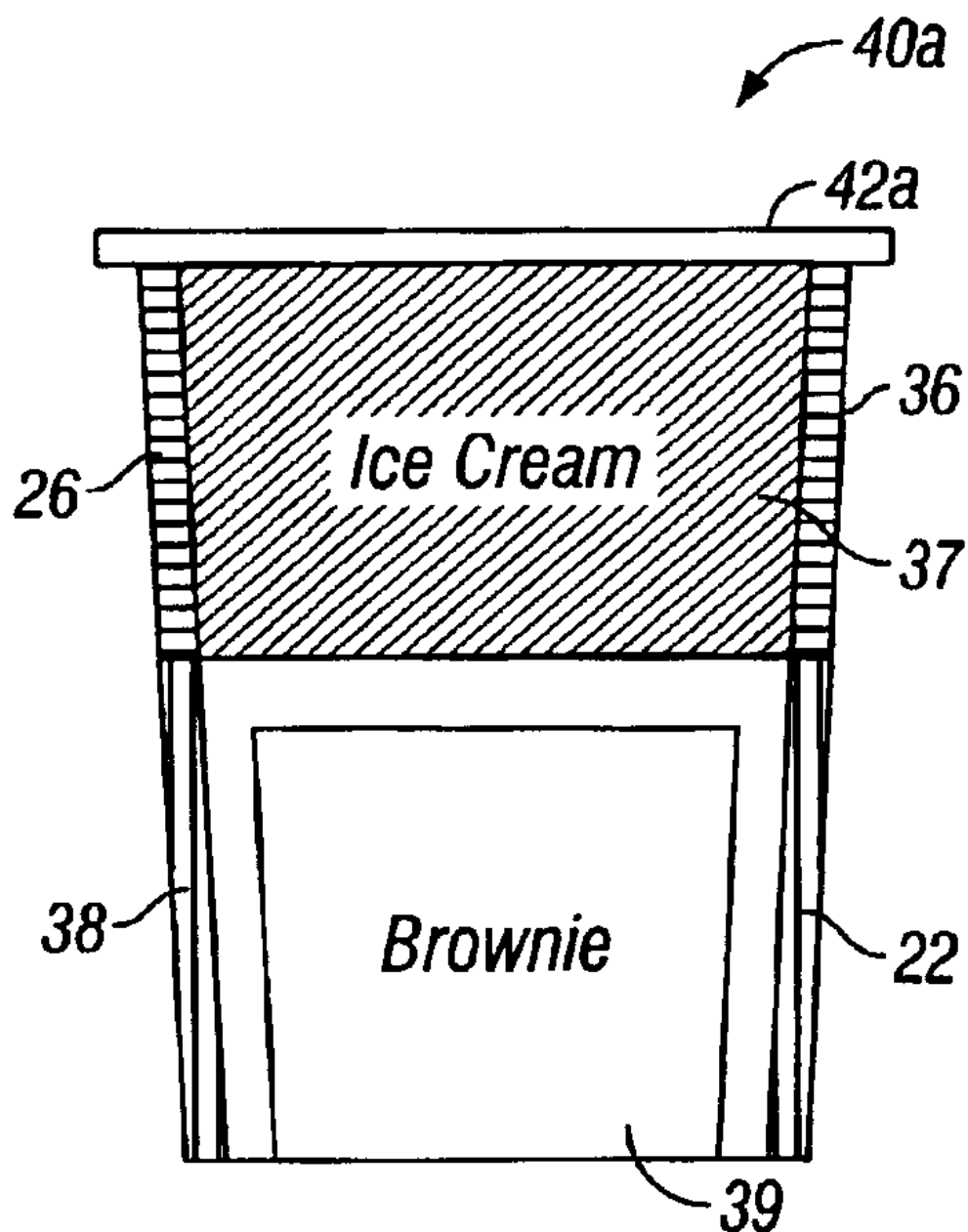
Family 62/200 - FAMPAT - ©Questel

Title

(WO200452769)

Differential temperature microwavable container

Images



Publication data including kind & date

US6903320	B2	2005-06-07	US6903320
WO2004/052769	A3	2004-11-18	WO200452769
AU2003298846	A1	2004-06-30	AU2003298846
AU2003298846	A8	2004-06-30	AU2003298846
WO2004/052769	A2	2004-06-24	WO200452769
US20040108313	A1	2004-06-10	US20040108313



Abstract

(WO2004/052769)

The present invention is directed to a molded microwaveable frozen food container having at least a first section and a

second section in which at least one of the sections includes an in-mold label. The in-mold label provides at least one of the sections with a susceptor zone. In one embodiment of the inventive container, a first section of the container can include the in-mold label providing the susceptor zone and a second section of the container can include the in-mold label providing a shielding zone. Alternatively, the first section can include a shielding zone and the second section can include the susceptor zone or three sections can be provided have a combination of shielding and susceptor zones.

Inventors

CUTLER BRENT L

CHISHOLM GARY N

Latest standardized assignees - inventors removed

MARS

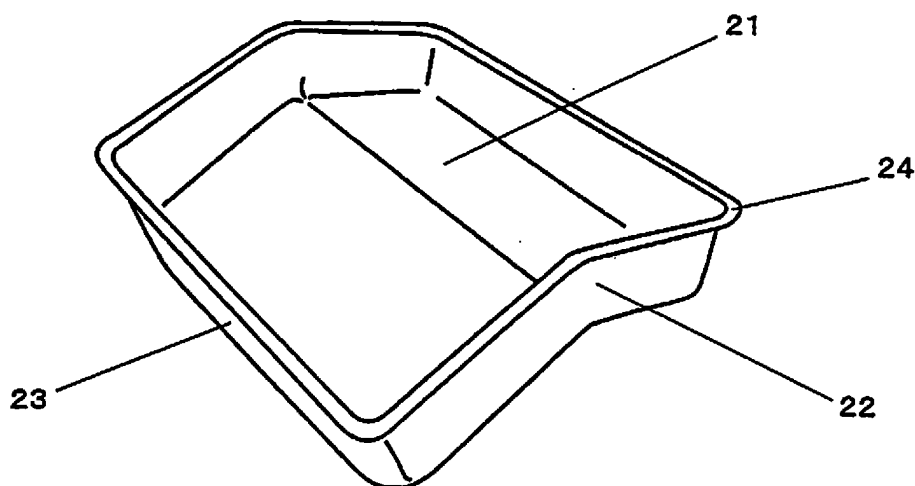
Family 63/200 - FAMPAT - ©Questel

Title

(EP2902338)

Packaging container and packaged product contained in said packaging container, and manufacturing method and manufacturing apparatus for said packaging container

Images



Publication data including kind & date

JP6276187	B2	2018-02-07	JP6276187
US20170001787	A1	2017-01-05	US20170001787
TH155060	A	2016-08-05	TH-155060
EP2902338	A4	2016-05-25	EP2902338
US20150217925	A1	2015-08-06	US20150217925
EP2902338	A1	2015-08-05	EP2902338
WO2014/042025	A1	2014-03-20	WO201442025
JPWO2014042025	A1	2014-03-20	JP2014042025W



Abstract

(EP2902338)

The purpose of the present invention is to provide: a packaging container that can be industrially mass-produced, that can be used as Modified Atmosphere Packaging (MAP) while ensuring sealing performance, and that allows contents to be displayed in a three-dimensional manner; a packaged product contained in the packaging container; and a manufacturing method and manufacturing apparatus for the packaging container. This packaging container has: a container main body having a bottom face part and sidewall parts, and having a flange at the upper end part periphery of the sidewall parts; and

FI893014

A0 1989-06-20 FI8903014

Abstract

(EP0350660)

A composite sheet stock for microwave heating comprises a susceptor sheet (30) having a dielectric support layer (36), a heater layer (34) of microwave interactive material and a heat-conducting microwave reflecting layer (130). A receptacle with a self-supporting configuration for combined microwave baking and cooking of a food article, such as pizza, is constructed from susceptor stock and comprises an outwardly exposed, dielectric support layer, such as paperboard, and an inwardly facing heater layer and includes a lower flat portion for supporting the food article during heating. The lower portion may be a layer of composite stock as above or it may be formed from at least two layers of susceptor stock without a heat-conducting layer. The lower portion of the food product is, thus, heated primarily by conduction, while the upper portion is heated by combined radiation from the susceptor sheet and absorption of microwaves passing through the susceptor sheet. The receptacle may be collapsible.

Inventors

JAEGER, KIRK A.

POPP, DAVID R.

PELEG, YIGAL

Latest standardized assignees - inventors removed

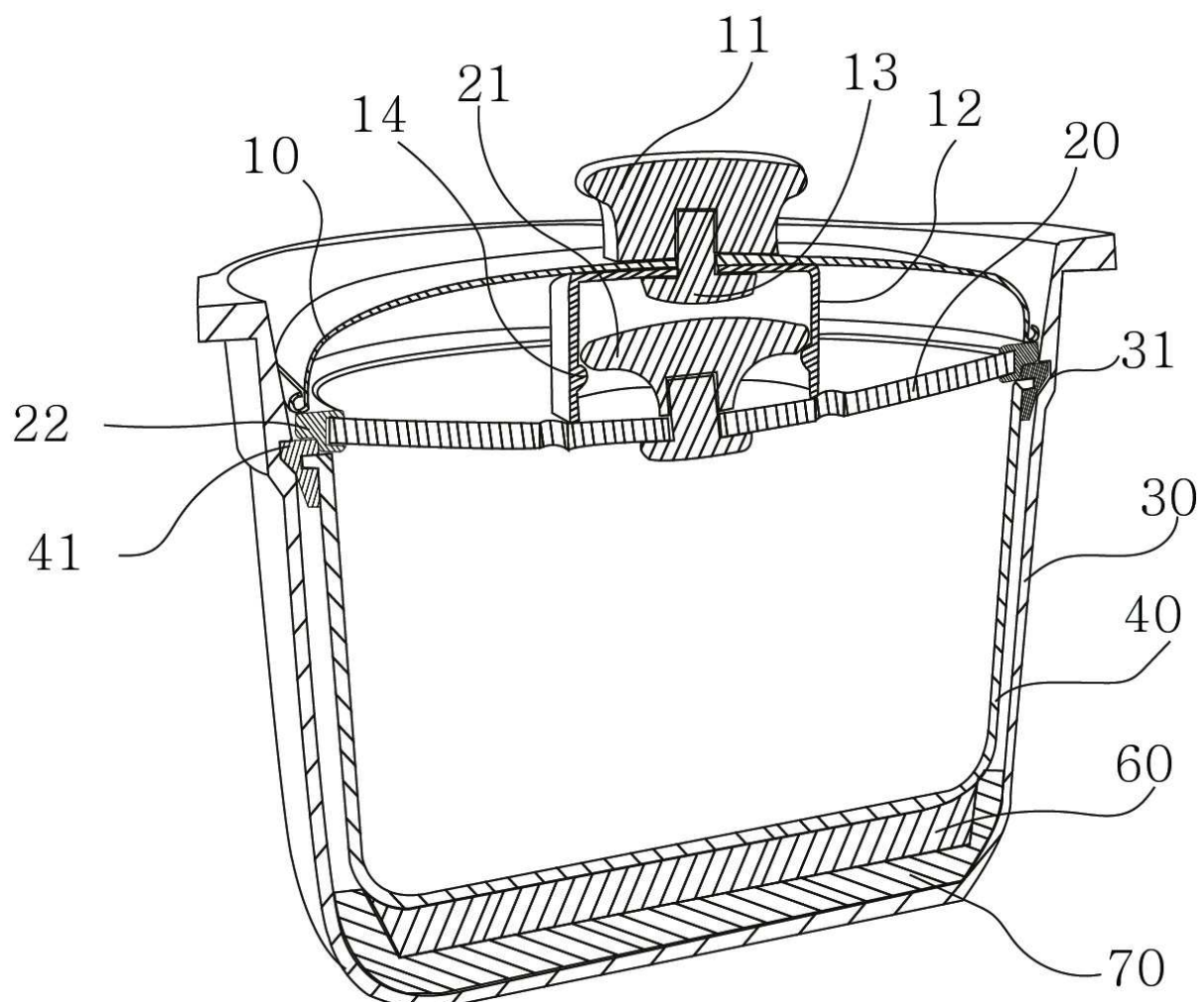
NESTLE

Family 65/200 - FAMPAT - ©Questel

Title

(KR20170129358)

Scorched rice cooker for microwaver oven

Images

Publication data including kind & date

KR20170129358

A 2017-11-27

KR20170129358

**Abstract**

(KR20170129358)

The present invention relates to a cooker using a heating element for a microwave oven, which comprises: an integral dual lid part (100) in which an outer lid handle is bonded to a central upper surface of an outer lid, and a detachable holder is bonded to a lower surface as a fastening bolt at the same time, at least one water circulation hole is formed on one side at an upper surface of an inner lid, and an inner lid handle is fastened to a central portion so that the inner lid handle is inserted into/released from the detachable holder; a body part (200) having a silicone cover inserted into a trapping groove of an outer container at the edge of an upper portion of an inner container and a lower surface to which a heat generating body and a ceramic heat insulating sheet are attached; and a body part holder (300) in which a body groove and a handle are formed and the body part is seated therein, thereby cooking nurungji rice for a microwave oven.

Inventors

KIM, JUNG-HO

Latest standardized assignees - inventors removed

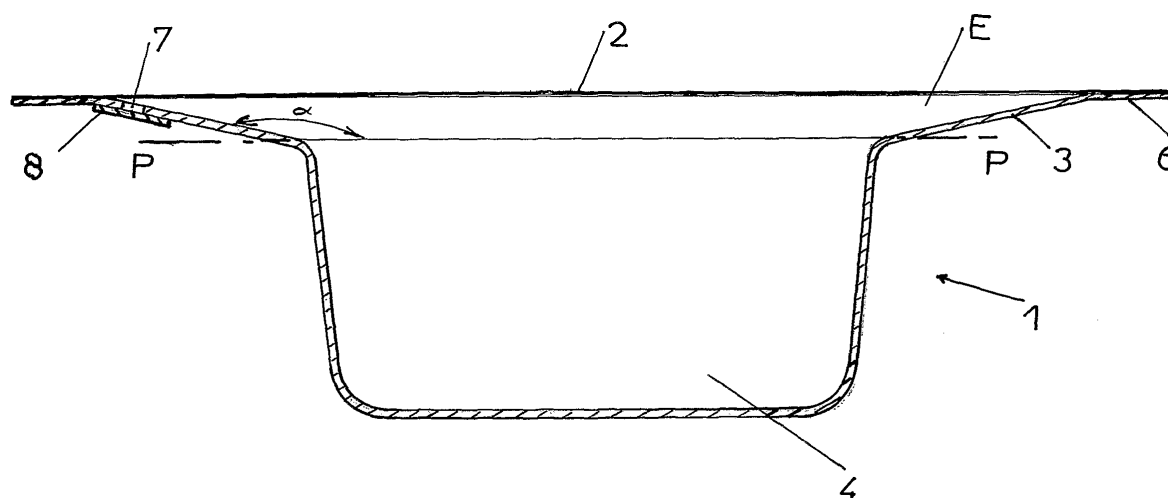
PELLYTECH

Family 66/200 - FAMPAT - ©Questel

Title

(WO200739676)

Method and device for cooking food products with microwaves in a tray-type packing, and packaging obtained by carrying out the invention

Images**Publication data including kind & date**

WO2007/039676

A1 2007-04-12

WO200739676

**Abstract**

(WO2007/039676)

The invention concerns a device for cooking food products with microwaves, comprising a tray-type recipient (1) having a hollow part forming a container (4) for receiving the product to be cooked and an upper edge (3) for hermetically fixing a covering film (2), characterized in that the upper edge of the tray is provided with an degassing opening (7) fitted with a valve or flapper (8) placed on the lower face or outer face of the edge, and in that the edge (3) of the tray (1) is preferably slanted toward the portion of the tray forming the container (4), at least one area bordering the upper opening (5) of the container (4), and in that the degassing opening (7) is provided in the slanted surface of the edge (3).

Inventors

BEAUFILS PHILIPPE

Latest standardized assignees - inventors removed

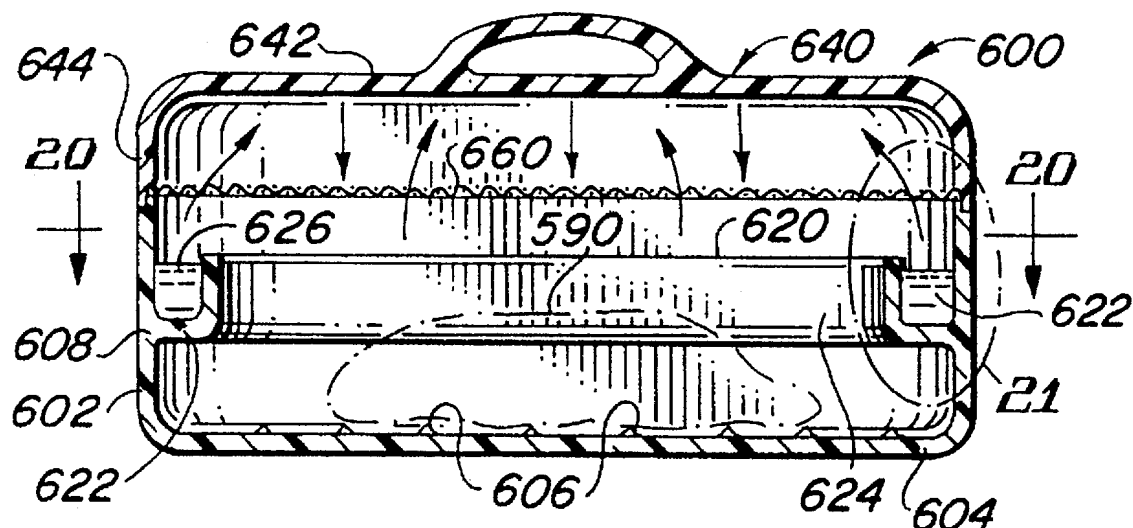
CONCEPT NATURE COM LAB

Family 67/200 - FAMPAT - ©Questel

Title

(WO9532603)

Microwave ovenware apparatus, hydrating microwave ovens and microwave water purifier

Images**Publication data including kind & date**

US5521361	A	1996-05-28	US5521361
AU2645695	A	1995-12-18	AU9526456
WO95/32603	A1	1995-11-30	WO9532603

**Abstract**

(WO95/32603)

Cooking elements for cooking foods in a microwave oven (10) include provisions for a water reservoir (20) in an outer cooking element, with an inner cooking element (50) holding food to be cooked. Again, there is a provision for a filter (80) to prevent condensed water droplets from directly falling onto the food. Different embodiments are disclosed, and different types of elements for containing or holding food to be cooked are also disclosed.

Inventors

STRAIT CLIFFORD C JR

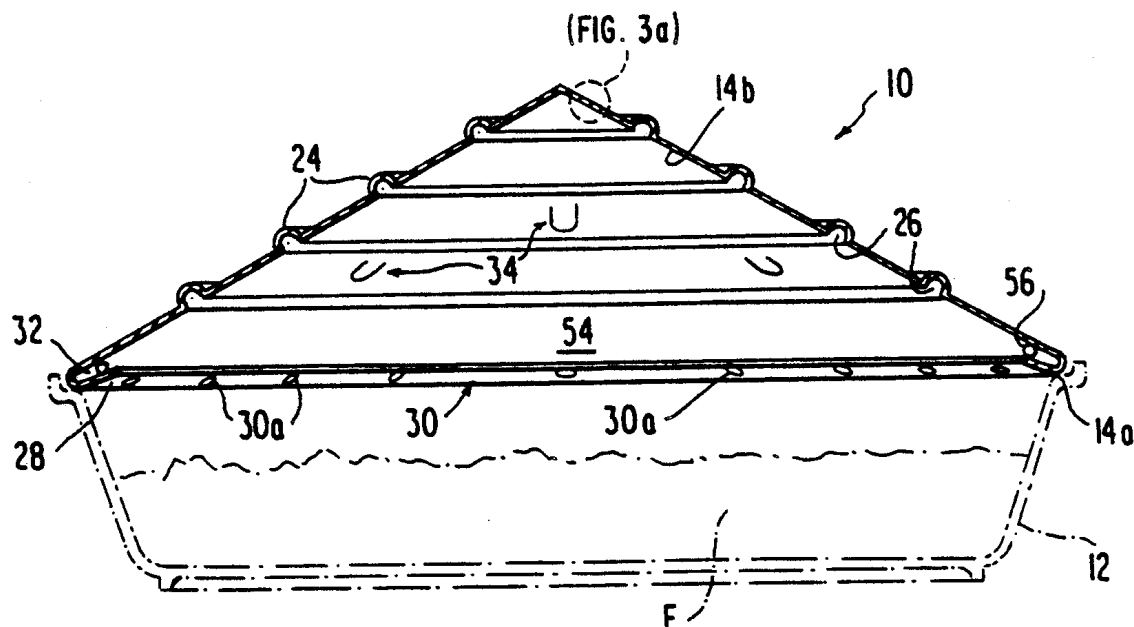
Family 68/200 - FAMPAT - ©Questel

Title

(US4989748)

Moisture recirculating cover for microwave oven dish

Images



Publication data including kind & date

US4989748

A 1991-02-05 US4989748



Abstract

(US4989748)

The cone-shaped or dome-shaped sheet of waxed paper or freezer paper having a moisture retarding coating on at least the surface of the paper facing an underlying dish bearing food and positioned within a microwave oven, and being microwave transparent traps moisture condensing on the interior surface thereof for revaporization for return to the food being heated and/or cooked while preventing the dripping of condensed moisture directly onto the food within the underlying dish. Preferably the conical or dome-shaped cover is mechanically embossed to form vertically spaced annular concave cavities facing inwardly to trap the moisture running by gravity down the interior surface of the cover within the cavities for revaporization. Additionally, circumferentially spaced reinforcing ribs may be formed over the height of the cover to maintain the cover one or dome shaped configuration throughout the microwave oven heating process. An open mesh frame may be employed for supporting the cover overlying the dish bearing the food. Integral flaps cut out of the cover about three sides, with the exception of a horizontal hinge allow the flaps to open outwardly and curl upwardly under excessive moisture accumulation within the cover, and to close upon cooling of the cover at termination of the microwave oven operation. A unitary, folded under, reinforcing lip at the bottom of the conical or dome-shaped cover captures condensed moisture to facilitate revaporization and return of all moisture to the food being heated or cooked.

Inventors

PARR JR GUY H

PRETTYMAN ROBERT F

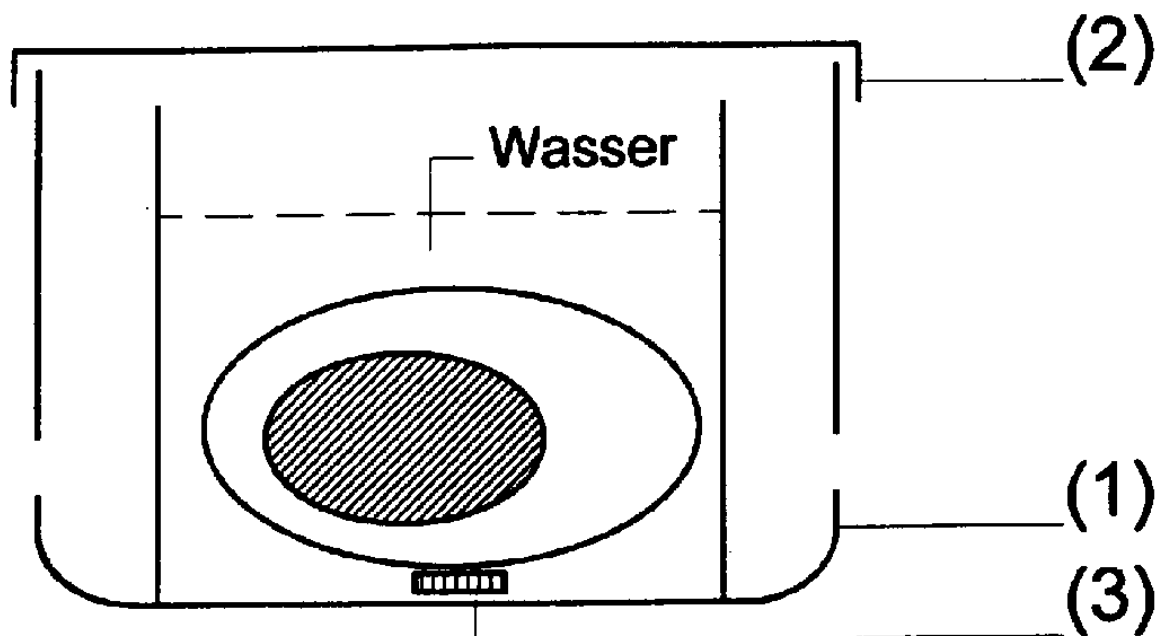
Family 69/200 - FAMPAT - ©Questel

Title

(DE4415967)

Boiling eggs in microwave oven

Images



Publication data including kind & date

DE4415967

A1 1995-11-09

DE4415967



Abstract

(DE4415967)

In a procedure for boiling whole eggs in a microwave oven, a rotating plate is used. On this is placed a microwave-permeable bowl (1) with a non-metallic device (3) to retard boiling. The egg is completely immersed in the water. The ventilation of the bowl entails a labyrinth.

Inventors

SCHMITZ RAIMUND DR

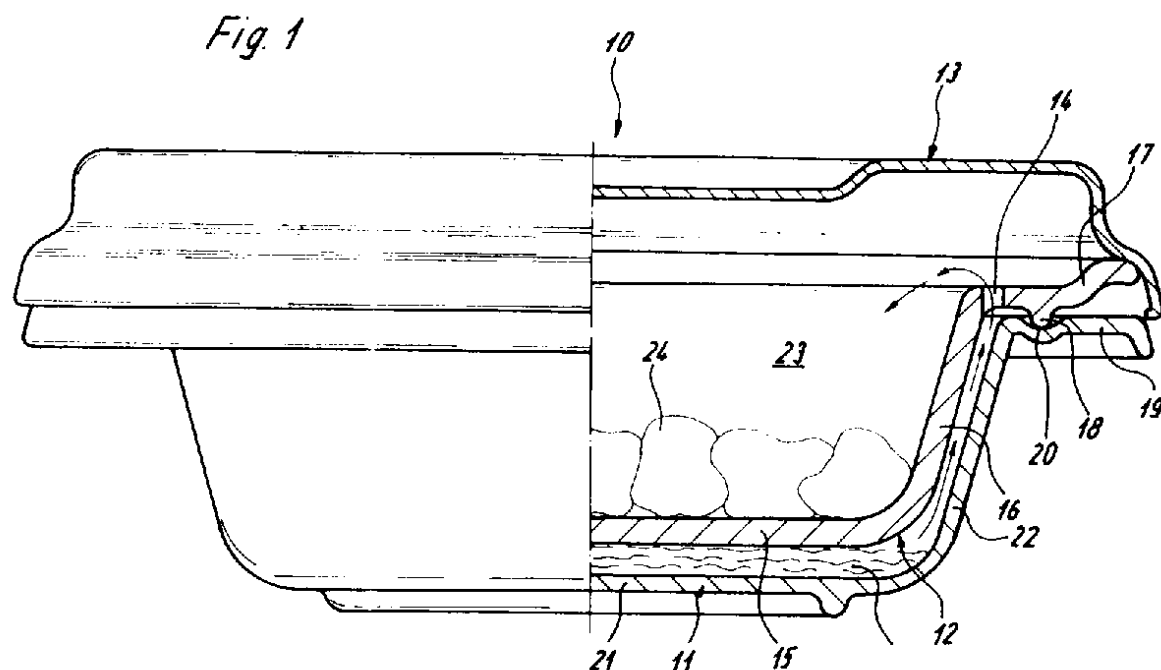
Family 70/200 - FAMPAT - ©Questel

Title

(DE3926914)

Three part dish for microwave oven - has outer bowl supporting insert with edge perforations for steam and lid

Images



Publication data including kind & date[DE3926914](#)

A1 1991-02-21 DE3926914

**Abstract**

(DE3926914)

The dish (10) comprises an outer bowl (11) and an inner bowl shaped insert (12) supported on an outer support ledge (19) of the bowl such that a free space remains between the two parts. The insert has extended holes (14) in its upper edge to allow steam to pass from the bowl to the interior of the insert. A lid (13) covers the bowl. The parts are made of microwave-transparent heat resistant material.

Inventors

CREYAUFMUELLER PETER

Latest standardized assignees - inventors removed

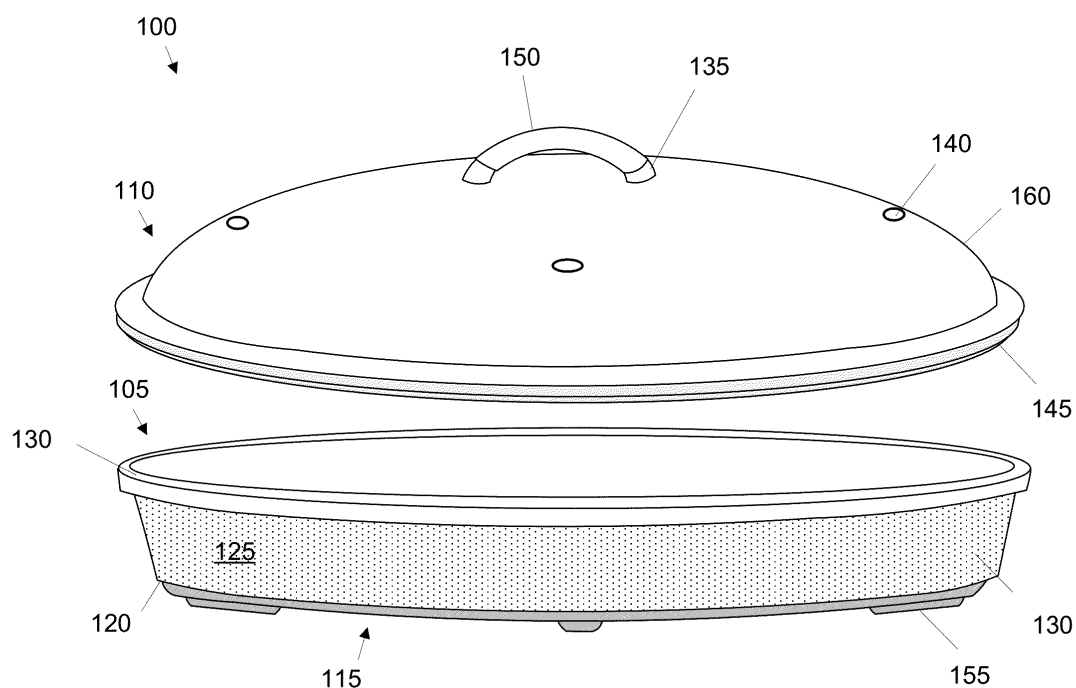
MELITTA WERKE BENTZ & SOHN

Family 71/200 - FAMPAT - ©Questel

Title

(US20150313406)

Multi-purpose microwave cookware

Images**Publication data including kind & date**[US20150313406](#)

A1 2015-11-05 US20150313406

**Abstract**

(US20150313406)

Some embodiments provide a multi-purpose microwave cooking apparatus. The cooking apparatus has a metallic vessel having a bottom surface, a side wall, and an edge. An open region is defined with the side wall extending from the bottom surface to the outer edge. In some embodiments, at least a portion of the outer side wall is coated with a layer of exothermic coating to insulate the vessel and generate thermal energy from microwave radiation.

Inventors

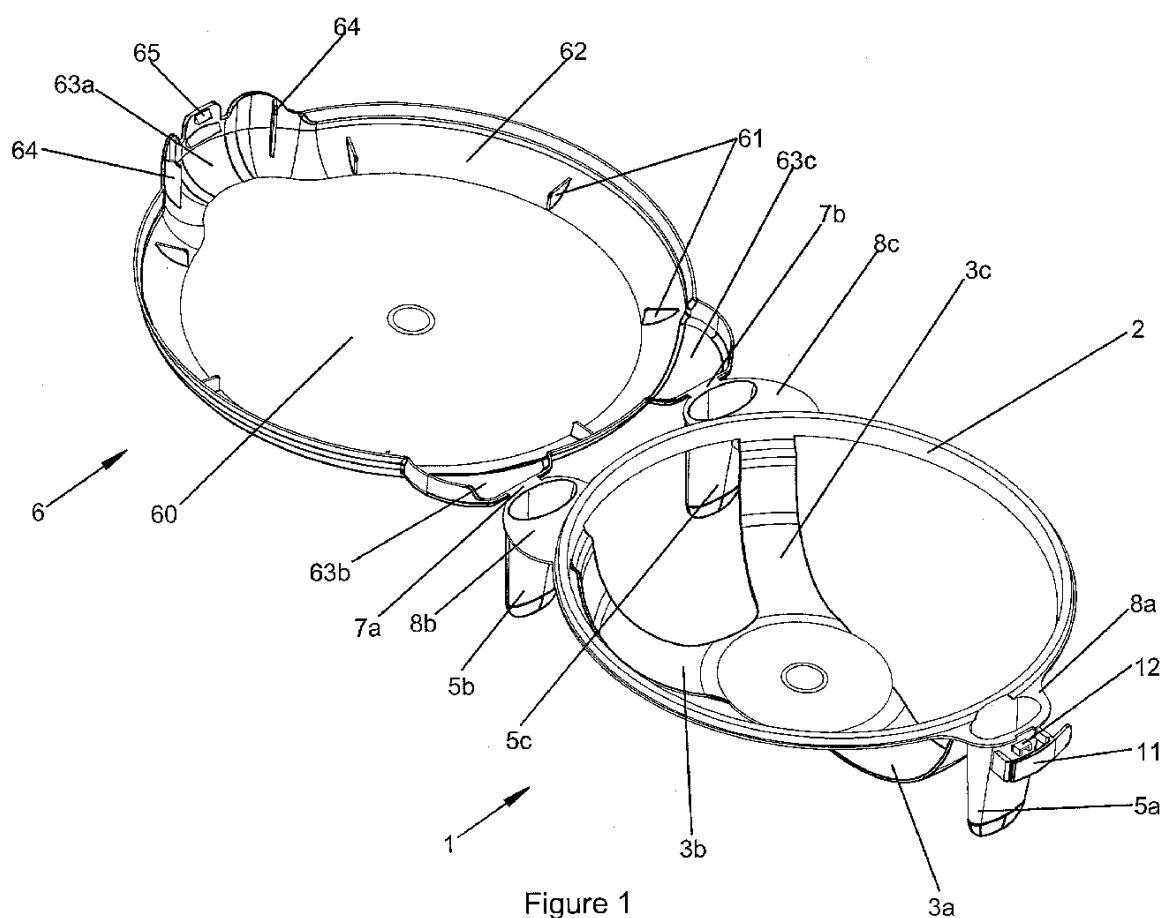
PARK JONG PETER

Family 72/200 - FAMPAT - ©Questel

Title

(EP1512641)

Container for food product

Images**Publication data including kind & date**

FR2859187	B1	2005-11-04	FR2859187
EP1512641	A1	2005-03-09	EP1512641
FR2859187	A1	2005-03-04	FR2859187

**Abstract**

(EP1512641)

The packaging has a support (1) with a cover (6) articulated on a hoop (2) to which are attached three braces connected in three points. Three legs (5a-5c) are connected to the hoop by lugs. The legs (5b, 5c) are brought nearer and materialize, by their ends, two support points perpendicular to the hoop plane. Two other support points are located at the cover articulation to allow vertical station of packaging.

Inventors

VETILLART CHRISTIAN

Latest standardized assignees - inventors removed

HUHTAMAKI FRANCE

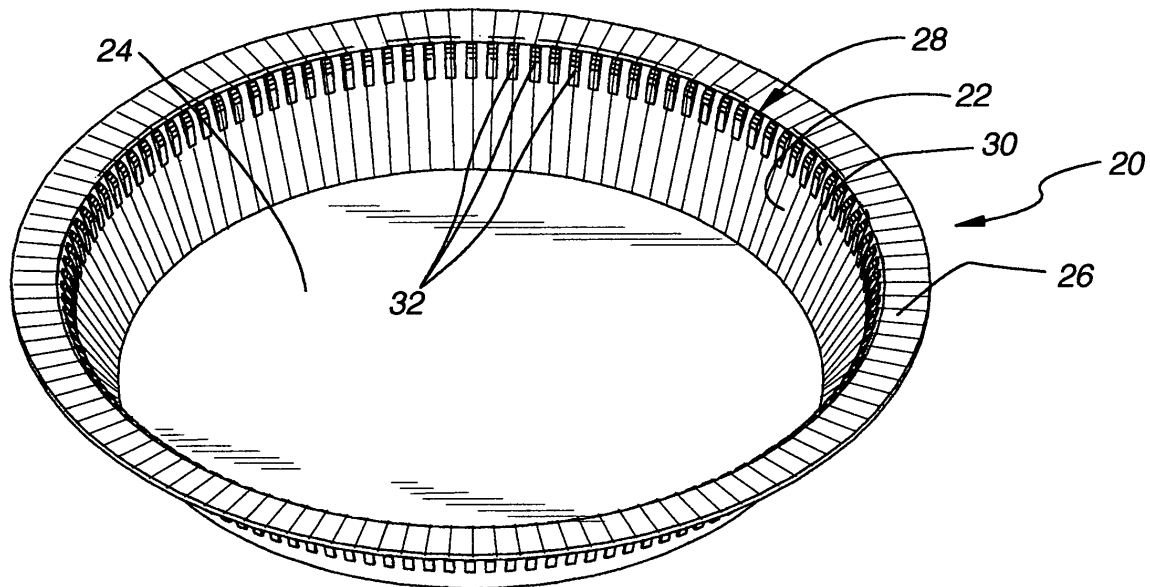
Family 73/200 - FAMPAT - ©Questel

Title

(US6988654)

Container with improved stacking/denesting capability

Images

**Publication data including kind & date**

US6988654	B2	2006-01-24	US6988654
US20020092791	A1	2002-07-18	US20020092791

**Abstract**

(US20020092791)

A pressed container is formed having a peripheral sidewall, a continuous bottom wall along the lower edge of the sidewall, and an outwardly directed peripheral rim along the upper edge of the sidewall and wherein an inwardly directed bulge is provided along the upper edge of the sidewall and an outwardly directed bulge is provided along the upper edge of the sidewall that cooperates with the inwardly directed bulge of an adjacent container when stacked in nesting relationship to uniformly stack the containers in nested relationship for easy separation of the containers.

Inventors

WNEK PATRICK H

Latest standardized assignees - inventors removed

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

BLUEGRASS LABELS

GRAPHIC PACKAGING

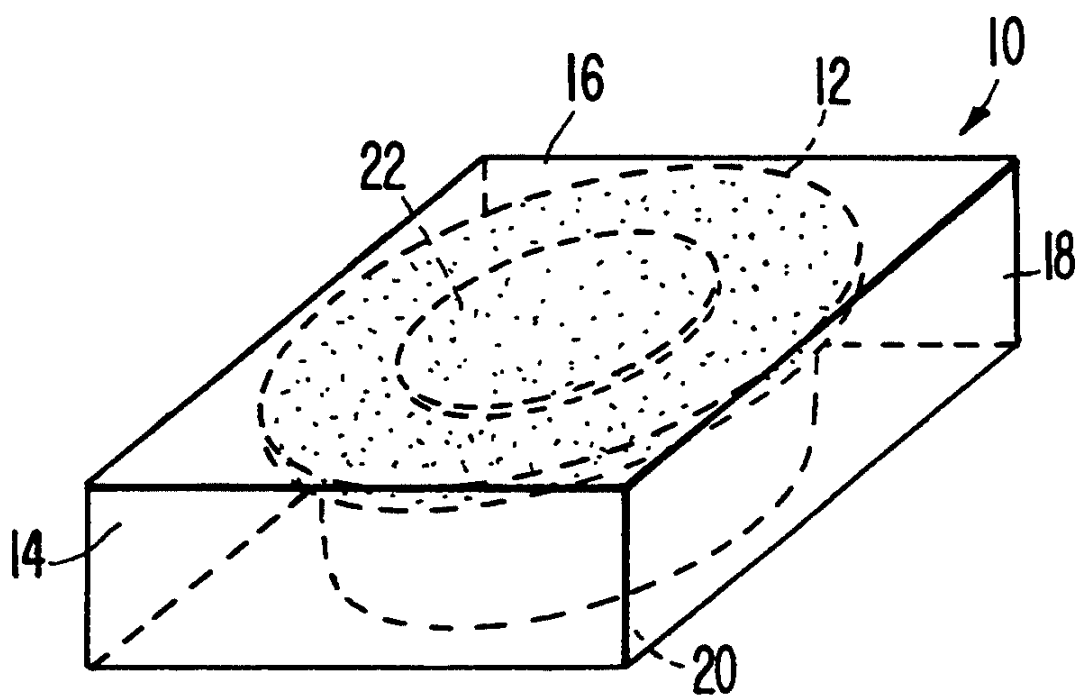
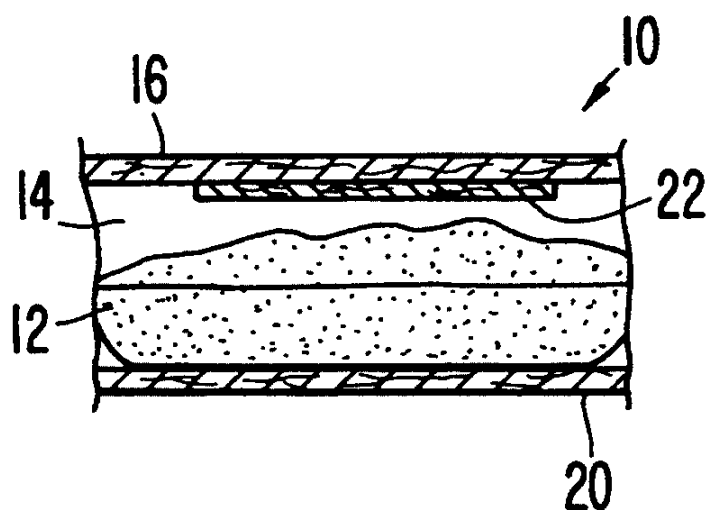
Family 74/200 - FAMPAT - ©Questel

Title

(EP-650905)

Microwave impedance matching package for microwave cooking

Images

FIG. 1**FIG. 2A**

Publication data including kind & date

JP3946783	B2	2007-04-20	JP3946783
JP2005047625	A	2005-02-24	JP2005047625
DE69413492	T2	1999-03-04	DE69413492
DE69413492	D1	1998-10-29	DE69413492
AT171439	T	1998-10-15	ATE171439
EP0650905	B1	1998-09-23	EP-650905
CA2131434	C	1997-09-09	CA2131434
JP07231846	A	1995-09-05	JP07231846
EP0650905	A3	1995-08-23	EP-650905
US5424517	A	1995-06-13	US5424517
EP0650905	A2	1995-05-03	EP-650905
CA2131434	A1	1995-04-28	CA2131434

**Abstract**

(EP0650905)

A food package including a package body forming a food receiving cavity for storing and heating a food item in a microwave oven. Specifically, the package body includes a bottom panel and a top panel with side panels joining the bottom and top panel. An impedance matching element is provided on at least one of the panels for impedance matching microwave energy entering the package. The impedance matching element is preferably a contiguous film of thinly flaked material embedded in a dielectric binder which is sized and shaped with respect to the food to cause impedance matching to elevate the temperature of the food in predetermined areas dependent upon the size and spacing of the film without interacting with the microwave energy to produce heat. The film may also be shaped in the form of a convex lens to direct impedance matched microwave energy toward the food to elevate the temperature of the food in a predetermined area. Further, the flake material may be present in the binder in an amount sufficient to provide microwave shielding.

Inventors

HABEGER CHARLES C JR

POLLART KENNETH A

JOSEPHY KARL

RETTKER JAMES P

THOMAS RICHARD N

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

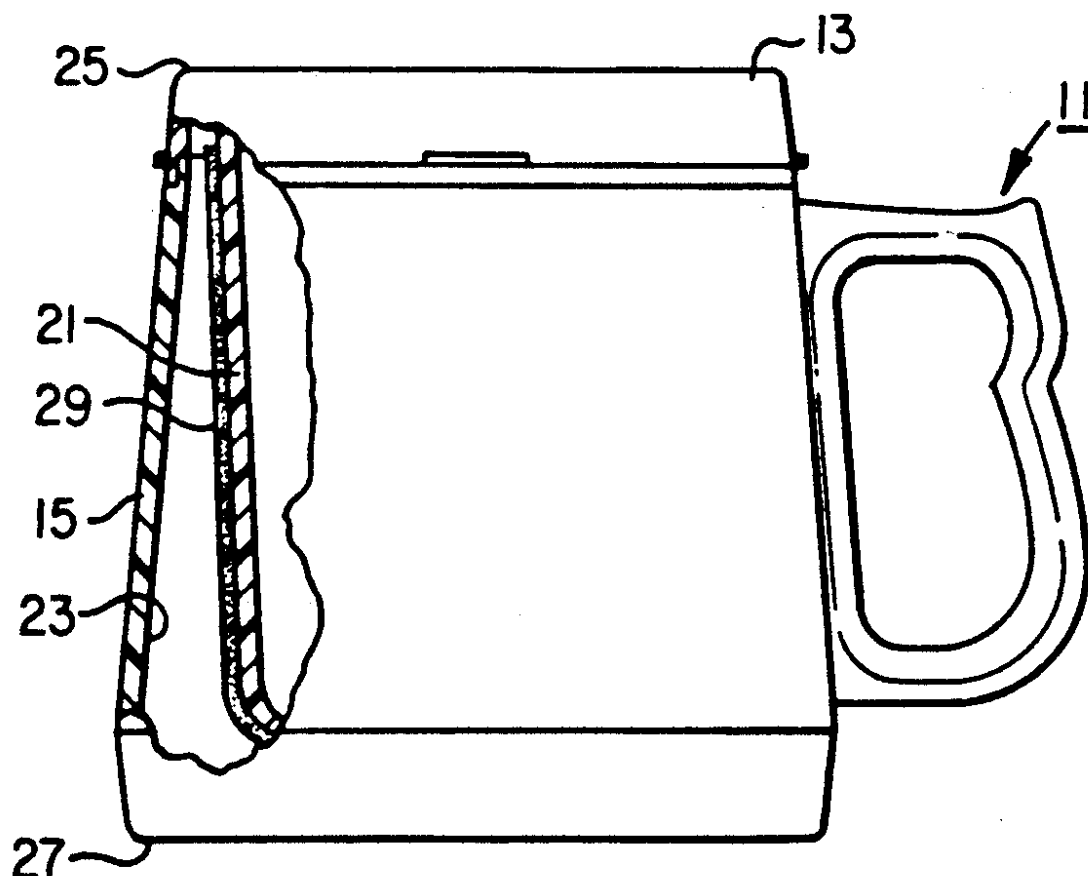
Family 75/200 - FAMPAT - ©Questel

Title

(US5088179)

Method of forming a microwaveable container

Images

**Publication data including kind & date**[US5088179](#)

A

1992-02-18

US5088179

**Abstract**

(US5088179)

A method is shown for forming a microwaveable container which is heated in the presence of microwave energy to warm contents placed within the container. The container has at least one exposed wall which does not contact the contents of the container. The exposed wall of the container is coated with a microwaveable, room temperature vulcanizable composition and allowed to cure. Exposure of the coated cup to microwave energy serves to heat the contents within the container.

Inventors

GIBBON ROBERT M

Latest standardized assignees - inventors removed

JMK INTERNATIONAL

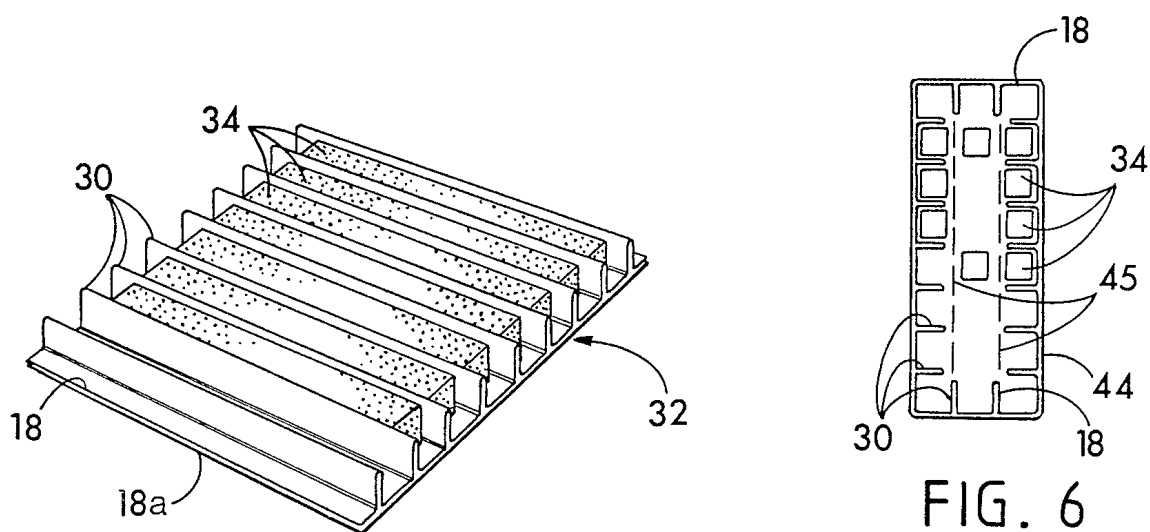
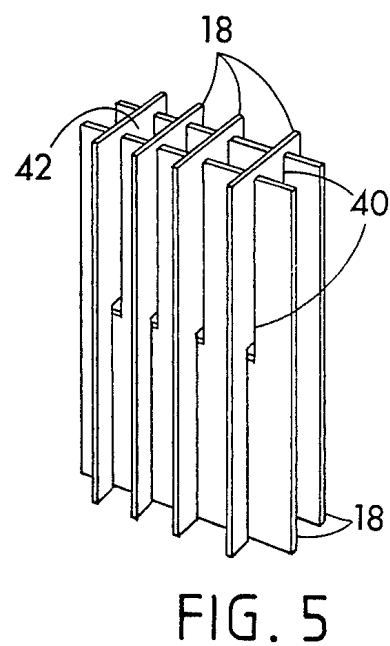
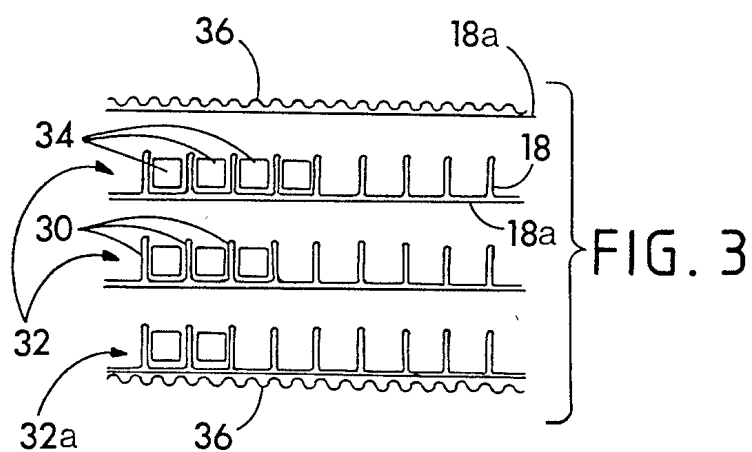
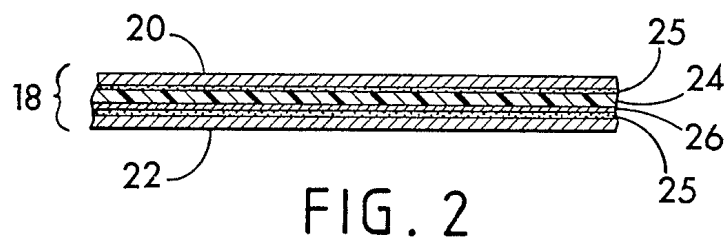
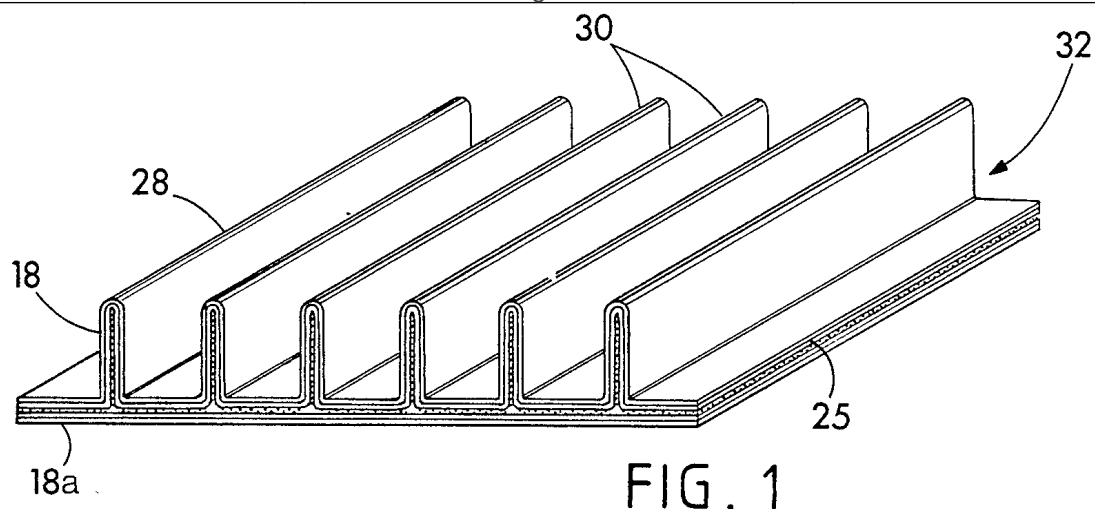
Family 76/200 - FAMPAT - ©Questel

Title

(EP-752379)

Microwave receptive heating sheets and packages containing them

Images



Publication data including kind & date

DE3855840	T2	1997-06-26	DE3855840
DE3855840	D1	1997-04-24	DE3855840
AT150413	T	1997-04-15	ATE150413



EP0573127	B1	1997-03-19	EP-573127				
EP0752379	A1	1997-01-08	EP-752379				
DE3888344	T2	1994-06-16	DE3888344				
ES2050713	T3	1994-06-01	ES2050713				
DE3888344	D1	1994-04-14	DE3888344				
AT102779	T	1994-03-15	ATE102779				
EP0332782	B1	1994-03-09	EP-332782				
CA1326473	C	1994-01-25	CA1326473				
EP0573127	A3	1994-01-12	EP-573127				
EP0573127	A2	1993-12-08	EP-573127				
AU619516	B2	1992-01-30	AU-619516				
US5084601	A	1992-01-28	US5084601				
US5034234	A	1991-07-23	US5034234				
IS1467	B6	1991-03-26	IS---1467B				
US4943439	A	1990-07-24	US4943439				
AU2860589	A	1989-09-21	AU8928605				
EP0332782	A1	1989-09-20	EP-332782				
NO891093	L	1989-09-18	NO-891093				
DK120289	A	1989-09-16	DK8901202				
FI891220	A	1989-09-16	FI8901220				
IS3446	A7	1989-09-16	IS---3446				
FI891220	A0	1989-03-15	FI8901220				
NO891093	D0	1989-03-14	NO8901093				
DK120289	D0	1989-03-13	DK8901202				

Abstract

(EP0752379)

There is provided a package for use in the microwave heating of a plurality of elongate food pieces (34) such as French fried potatoes which benefit from having their surfaces crisped, browned or toasted. The package is characterized by an outer microwave transparent carton and an inner construction including at least one sheet formed into a plurality of longitudinally extending laterally spaced partitions (30) defining chambers for enclosing food pieces, and including also microwave receptive heating material (18) to heat at least two, preferably three and most especially all four surfaces of the food pieces.

Inventors

ANDREAS DAVID W

COX DAVID H

Latest standardized assignees - inventors removed

CONAGRA

MCCAIN FOODS

Family 77/200 - FAMPAT - ©Questel

Title

(EP2019049)

Package body for cooking by microwave oven

Images

performed in a microwave oven, the package improves the taste of the contents by the steaming effect. The lid is sure to automatically open by the increase of the pressure in the container.

Inventors

YASUMURO HISAKAZU

TANAKA SHINJI

MATSUOKA KIKUO

Latest standardized assignees - inventors removed

TOYO SEIKAN KAISHA

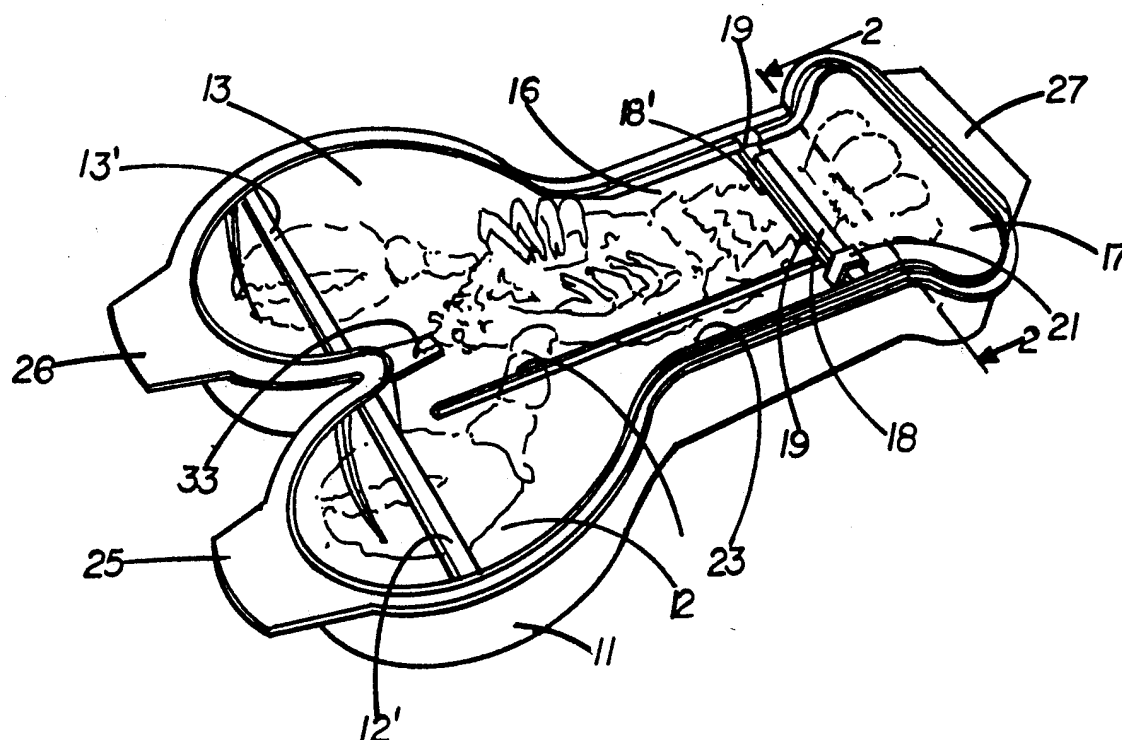
Family 78/200 - FAMPAT - ©Questel

Title

(WO9505770)

Lobster cooking vessel for microwave ovens

Images



Publication data including kind & date

AU4695893	A	1995-03-21	AU9346958
WO95/05770	A1	1995-03-02	WO9505770
CA2113426	A1	1995-02-25	CA2113426
US5278376	A	1994-01-11	US5278376



Abstract

(WO95/05770)

This invention covers a shallow bottom part (11) adapted to receive an individual lobster (14) from the Homaridae family on its back, shaped generally of lobster shape, with claw-shaped portions (12, 13) for receiving the lobster's claws and an elongated portion (16) extending therefrom receiving the lobster's tail. Extending across the claw-shaped portions (12, 13) are retaining strips (12', 13') to retain the respective claws of the lobster and breakaway parts (18, 19) hinged from the respective opposite sides of the elongated tail portion which when joined retain the lobster's tail and with the claws retained, release of the live lobster by itself is prevented when the bottom part (11) containing the lobster and the cover (24) extending thereover is placed in the microwave oven for the cooking operation. For cooking a rock lobster from the Palinuridae family or crayfish without claws, a liner (31) is provided that is without claw-shaped portions to better confine the clawless lobster.

Inventors

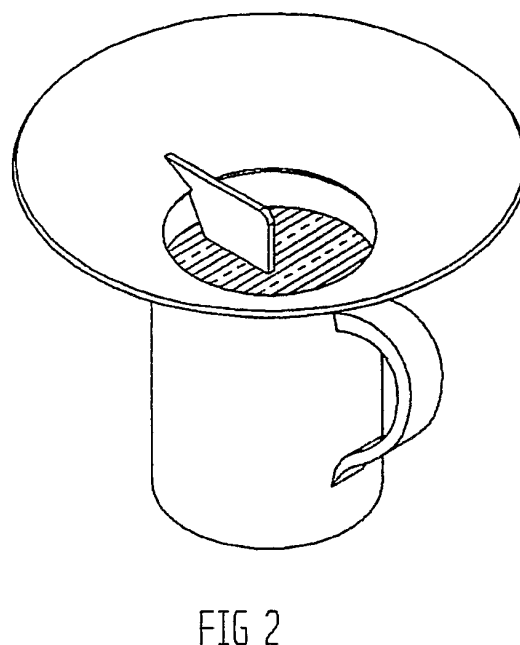
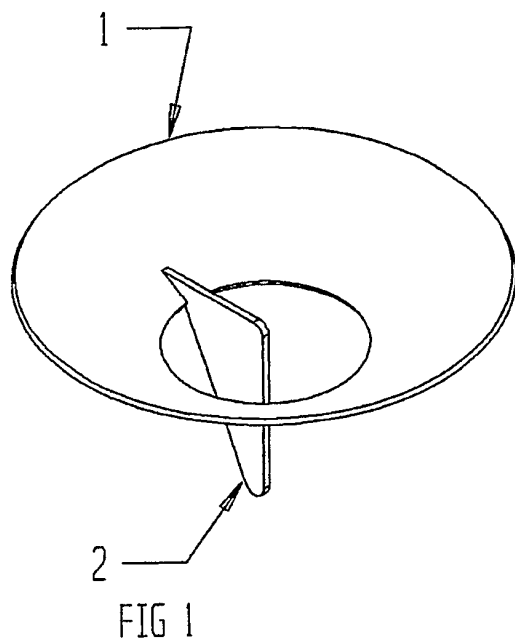
CYR SAMUEL A

Family 79/200 - FAMPAT - ©Questel

Title

(GB2281487)

Device to prevent boiling over in microwaves

Images**Publication data including kind & date**

GB2281487	A	1995-03-01	GB2281487
GB9317217	D0	1993-10-06	GB9317217

**Abstract**

(GB9317217)

A shallow funnel 1 adapted to rest on the rim of a drinking vessel, with a wide opening at the centre of the funnel, incorporating a member 2 which depends into the centre portion of the drinking vessel. When placed on a drinking vessel in a microwave oven the member initiates bubbles so that the liquid starts boiling, and then the funnel contains the liquid to prevent spillage. <IMAGE>

Inventors

WETTERN LAURENCE PATRICK

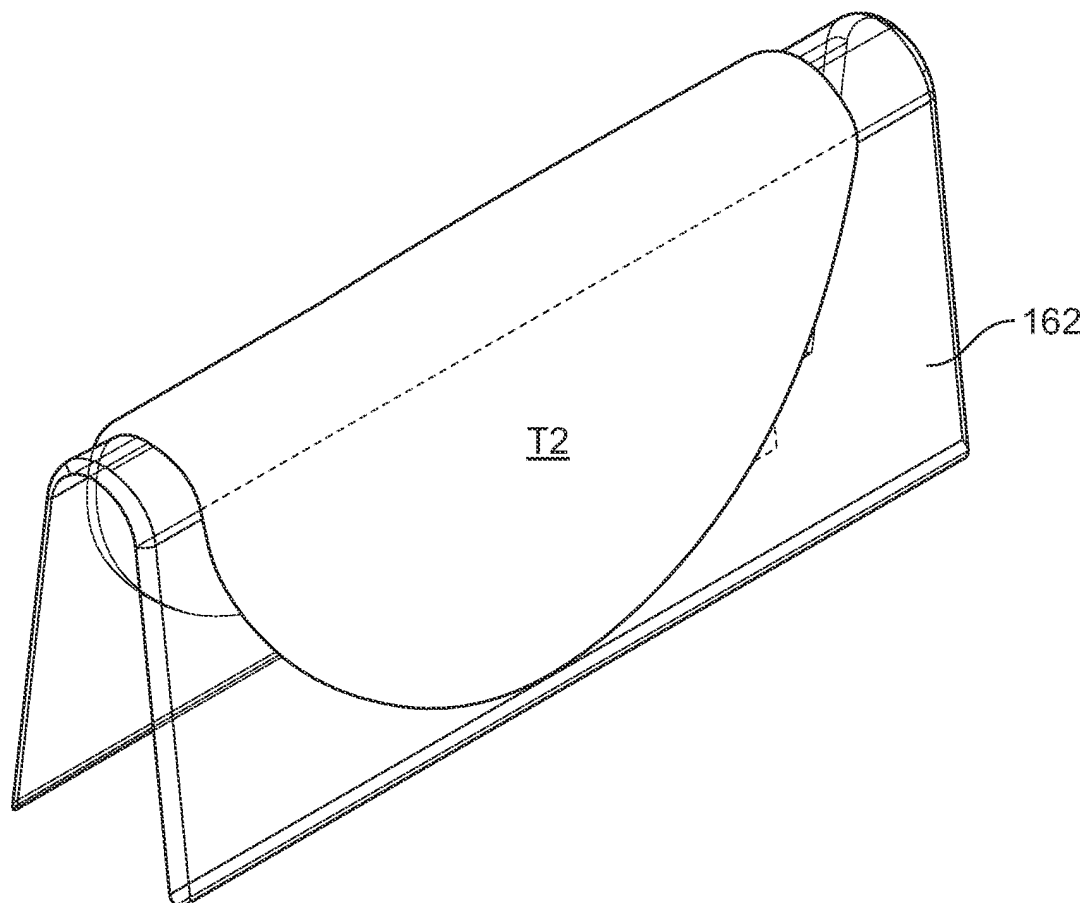
Family 80/200 - FAMPAT - ©Questel

Title

(US20150225163)

Enhanced processes for optimized and sustainable tortilla-based microwave appliances and products thereby

Images

**Publication data including kind & date**

US20150225163	A9	2015-08-13	US20150225163
US20150034633	A1	2015-02-05	US20150034633

**Abstract**

(US20150034633)

Processes for making healthful tortilla-based products in microwave ovens allow production of crisply finished products having one-fifth of the oil of those fried in oil. Likewise, a plastic composition that is suitable for supporting or holding food during warming in a microwave oven is taught which is manufactured, for example, with FDA compliant and non-leaching materials such as polymethylpentene, glass fiber, and talc, as the major or sole ingredients. Minor ingredients, such as a dye, can also be included in the manufacture of the composition, without Bisphenol A, nor any other non-FDA-approved for food contact additives needed to optimize gustatory and textural aspects of the products. Various shapes, sizes, and configurations are offered for consideration.

Inventors

KINNEY BRADFORD D

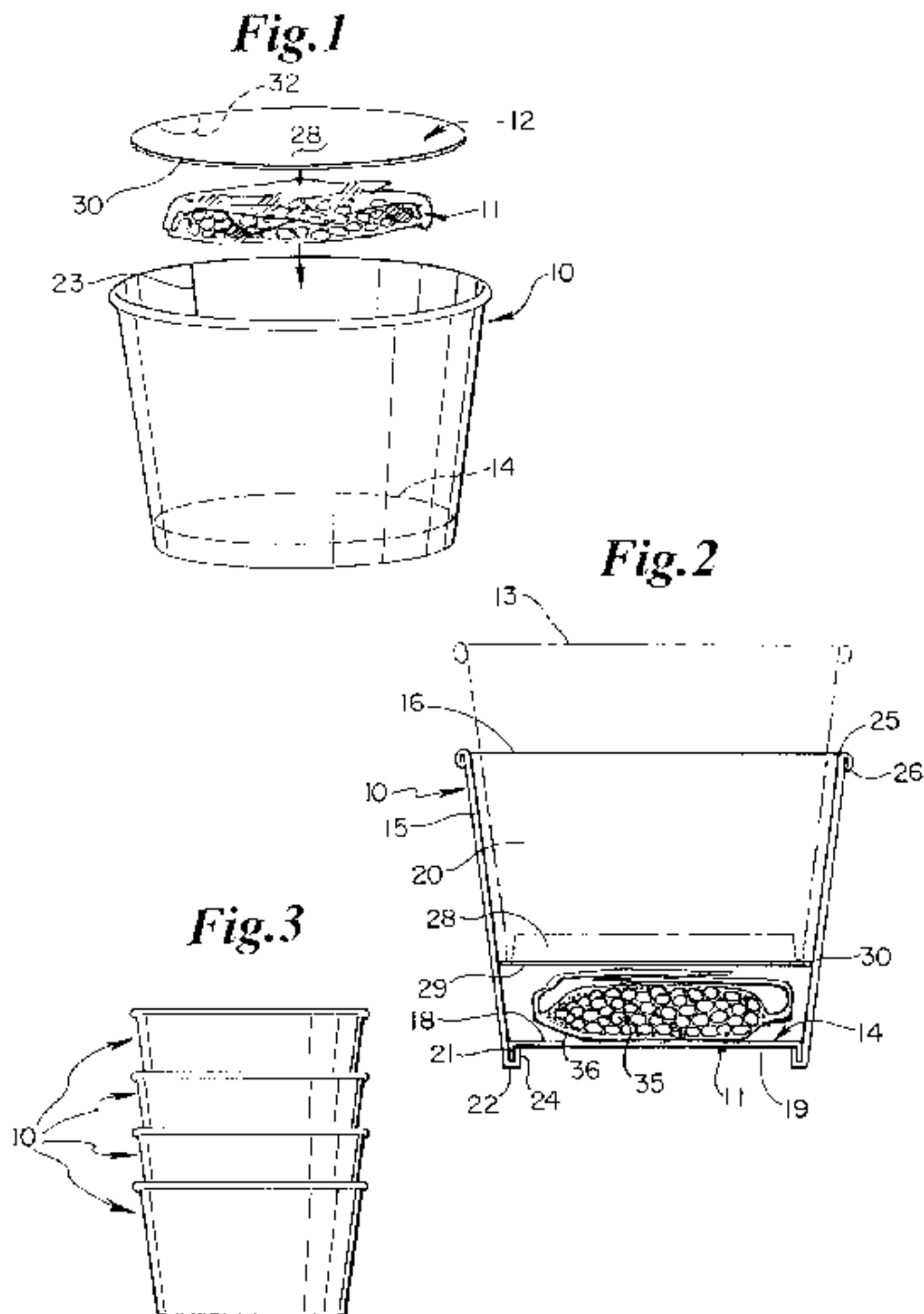
Family 81/200 - FAMPAT - ©Questel

Title

(WO9906306)

Microwave popcorn package

Images



Publication data including kind & date

US6126976	A	2000-10-03	US6126976
US5985343	A	1999-11-16	US5985343
AU8596898	A	1999-02-22	AU9885968
WO99/06306	A1	1999-02-11	WO9906306



Abstract

(WO99/06306)

A microwave popcorn package including a container (10) having a bottom wall (14), an open top (16) and a tapered side wall (15) extending from the bottom wall (14) to the open top (16). The package also includes a substantially planar lid (12) positioned within the container between the bottom wall (14) and the open top (16) to define a popcorn receiving region and to provide a support for the stacking of a plurality of containers. The invention also relates to a method of making and

assembling the above container.

Inventors

HASSE GLENN W JR

BINOLE WILLIAM M

JOHNSON JERALD L

Latest standardized assignees - inventors removed

RYT WAY INDUSTRIES

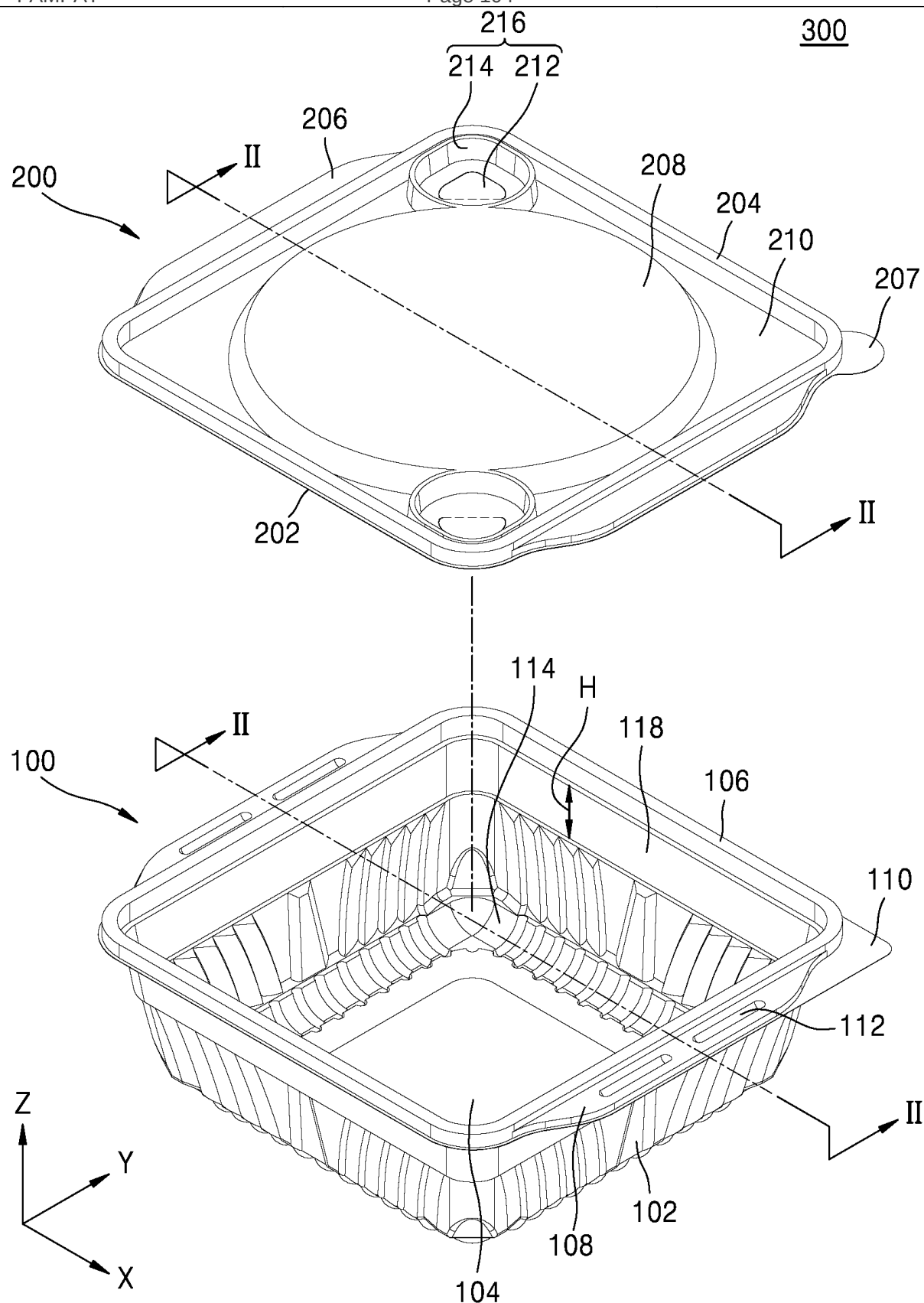
Family 82/200 - FAMPAT - ©Questel

Title

(KR101880704)

Cooking container for microwave oven

Images

**Publication data including kind & date**

KR101880704

B1 2018-07-20 KR101880704

**Abstract**

(KR101880704)

An objective of the present invention is to provide a cooking container for a microwave oven which can suppress contamination of a cooking container body or the interior of a microwave oven. The cooking container for a microwave oven comprises: a container unit having an accommodation space formed therein, wherein an upper portion thereof is opened; and a lid unit coupled to an upper portion of the container unit to cover the container unit. The container unit includes a rail

unit which is continuously formed along a boundary portion of the accommodation space and an edge of an upper portion of a container body, and has a protruding unit. The lid unit includes: an edge unit which is continuously formed along an edge of a lid body, and has a groove unit coupled to the protrusion unit of the rail unit; a dish unit formed on a middle portion of the lid body; a plate unit positioned between the edge unit and the dish unit; and a steam discharge unit, which is positioned at a height equal to the edge unit to be symmetric to a corner portion of the lid body, discharges steam of the container unit to the outside, and is positioned in the accommodation space of the container unit. The steam discharge unit includes a door-shaped outlet penetrating the plate unit, and a prevention protrusion protruding from the plate unit while enclosing the door-shaped outlet.

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Inventors

Yoo Wook

KIM, SEUNG JIN

Latest standardized assignees - inventors removed

APC TEC

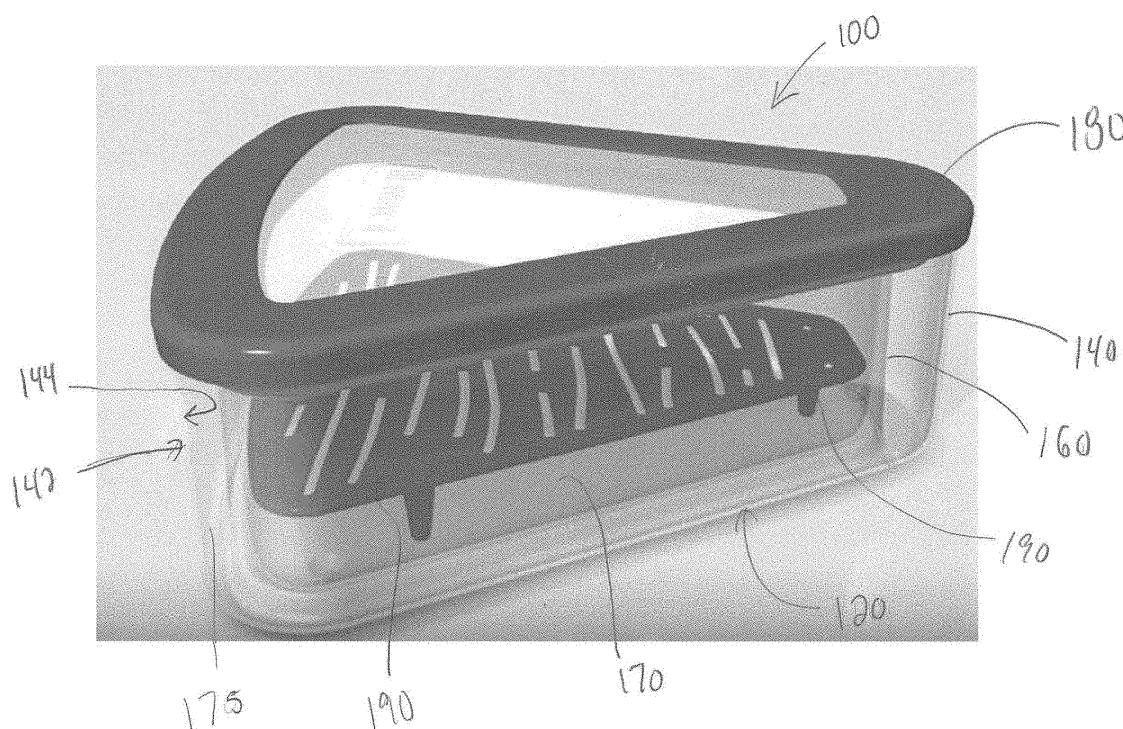
Family 83/200 - FAMPAT - ©Questel

Title

(US20180370712)

Microwave compatible container and method of use to heat food

Images



Publication data including kind & date

[US20180370712](#)

A1 2018-12-27

US20180370712



Abstract

(US20180370712)

A microwave compatible container for heating food can comprise a bottom wall, outer and inner walls extending from the bottom wall, and a removable top. The outer wall can have an exterior surface and an interior surface. The inner wall can have an exterior facing surface and an interior facing surface. The interior facing surface of the inner wall and the bottom wall can define an inner compartment of the container. Further, the exterior facing surface of the inner wall, the interior surface of the outer wall, and the bottom wall can define an outer compartment that surrounds the inner compartment. The

removable top can be sealingly engaged with the outer wall and/or the inner wall in a closed configuration such that the inner compartment is sealed from the outer compartment. Food can be placed within the inner compartment and water can be placed in the outer compartment during microwaving.

Inventors

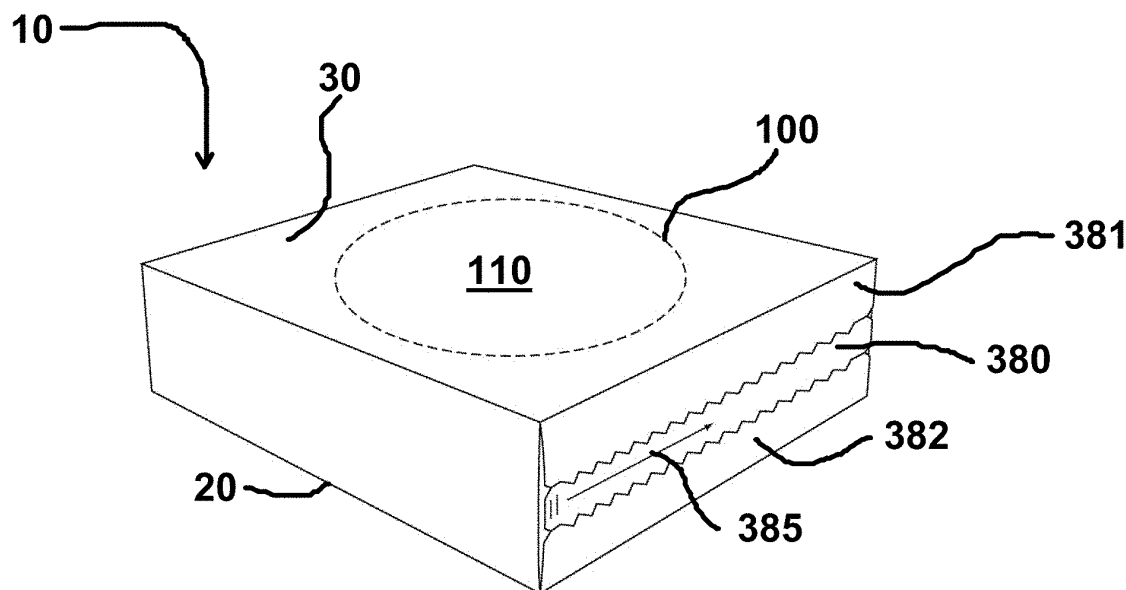
RUSH SHLOMO

Family 84/200 - FAMPAT - ©Questel

Title

(US20180103795)

Microwavable food package apparatus and method

Images**Publication data including kind & date**[US20180103795](#)

A1 2018-04-19

US20180103795

**Abstract**

(US20180103795)

A microwavable food and package apparatus includes an outer container having an upper panel providing an upper surface, a lower panel providing a lower surface, a plurality of side walls that each extend from the upper panel to the lower panel, and an interior. One of the side walls having a removable portion that enables access to said interior such as when removing the contents/bowl. An inner container of bowl provides a cavity that holds a food item. The outer container lower panel has a having a removable section that can be removed to provide an opening in the upper panel. An annular wall on the inner container is sized and shaped to fit the opening. The outer container or box thus functions as a trivet, wherein a portion of the outer container extends away from the inner container after the inner and outer containers have been subjected to microwave cooking so that said portion of said outer container (e.g. corner) provides a cooler surface that can be gripped by a user without fear of burns.

Inventors

SINCLAIR CALLAN

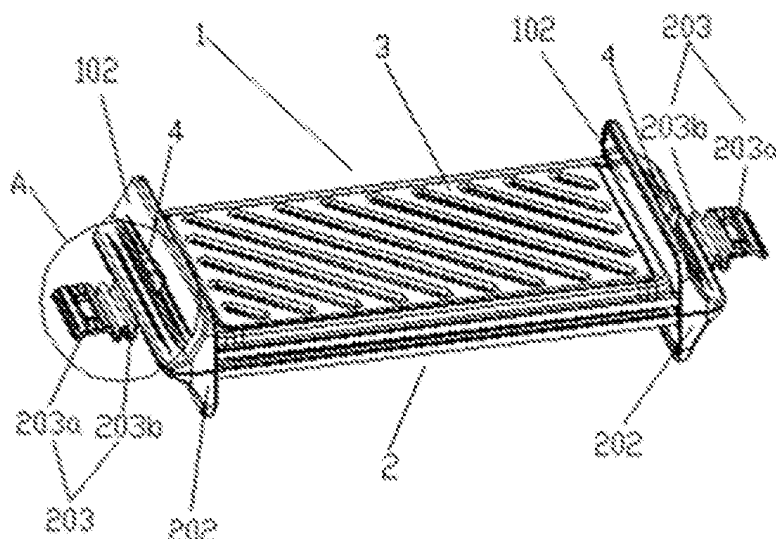
Family 85/200 - FAMPAT - ©Questel

Title

(WO201745388)

Separable microwave baking tray

Images



Publication data including kind & date

JP3217689	U	2018-08-30	JP3217689U
FR3041081	B3	2017-10-20	FR3041081
WO2017/045388	A1	2017-03-23	WO201745388
FR3041081	A3	2017-03-17	FR3041081
US20170071402	A1	2017-03-16	US20170071402
DE202016104962	U1	2016-10-27	DE202016104962
CN205037382	U	2016-02-17	CN205037382U



Abstract

(WO2017/045388)

A separable microwave bake tray comprises a separable upper baking tray (1) and lower baking tray (2). An upper backing tray cavity (101) is provided at the upper baking tray (1), and a lower backing tray cavity (201) is provided at the lower baking tray (2). Lower handles (202) are provided at two side edges of the lower baking tray (2). Elastic snap fasteners (203) are configured to protrude outwards and form an integral part of the lower handles (202). Upper handles (202) are provided at two side edges of the upper baking tray (1). Snap-fit protruding portions (103) are provided at the upper handles (102) and configured to correspondingly fit to the elastic snap fasteners (203). The upper baking tray (1) and lower baking tray (2) can be combined into one by engaging the elastic snap fasteners (203) and the snap-fit protruding portions (103), so as to form a heating cavity configured to bake foods by communicating the upper backing tray cavity (101) and the lower backing tray cavity (201). The embodiment fits the upper baking tray (1) and lower baking tray (2) tightly together by utilizing an elastic property of the elastic snap fasteners (203), thereby heating foods evenly.

Inventors

PENG HERMAN

Latest standardized assignees - inventors removed

FOSHAN SHUNDE HELPER ELECTRIC TECHNOLOGY

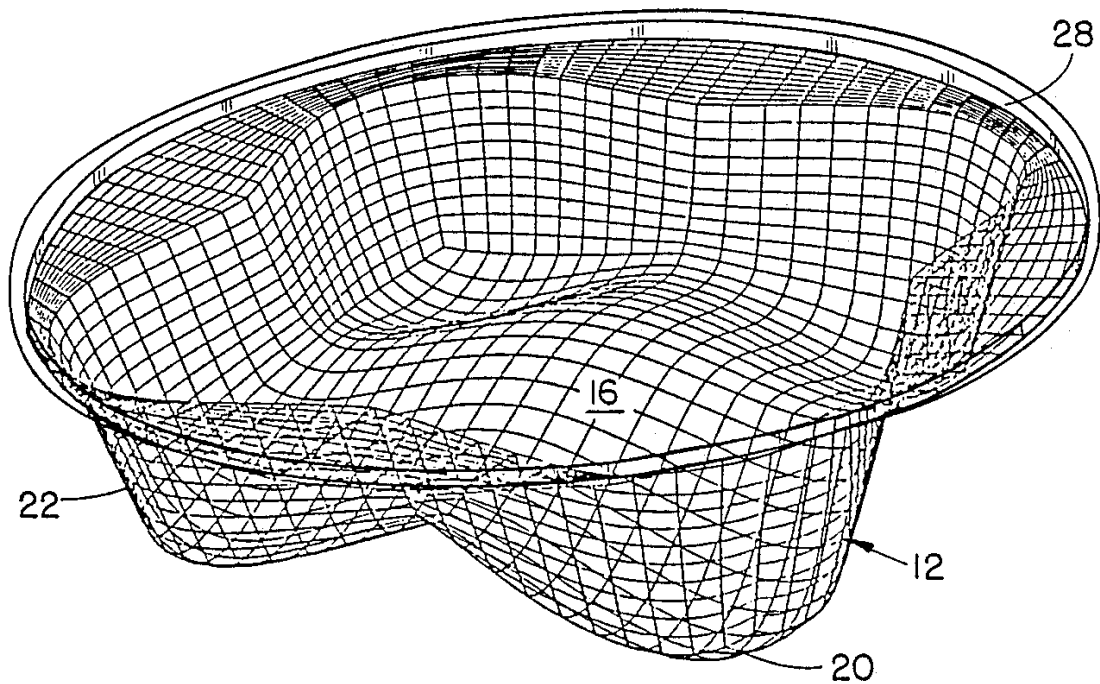
Family 86/200 - FAMPAT - ©Questel

Title

(US4859822)

Microwaveable container

Images

**Publication data including kind & date**[US4859822](#)

A 1989-08-22 US4859822

**Abstract**

(US4859822)

A container constituted of a microwave transparent material for the heating or cooking of foods or comestibles through the intermediary of microwaves at a high degree of efficiency and with an enhanced temperature uniformity. The container base is configured in a manner to produce generally wavilinear or undulating bottom wall and side wall configurations which will disperse the food or comestible within the container to an optimum extent so as to increase the heating and cooking efficiency thereof, and to provide a more uniform temperature distribution throughout the container contents, thereby enabling the rapid and even heating and/or cooking of the food by microwave energy. The container may include a closure lid, essentially consisting of a domed structure incorporating a vent or one-way release valve for steam generated within the container during microwave cooking, and which is mountable on the container base such as to provide an essentially sealed container structure during the microwave heating and/or cooking of the food in the container.

Inventors

RAGUSA JAMES J

SHARPS JR GORDON V

Latest standardized assignees - inventors removed

TENNECO PLASTICS

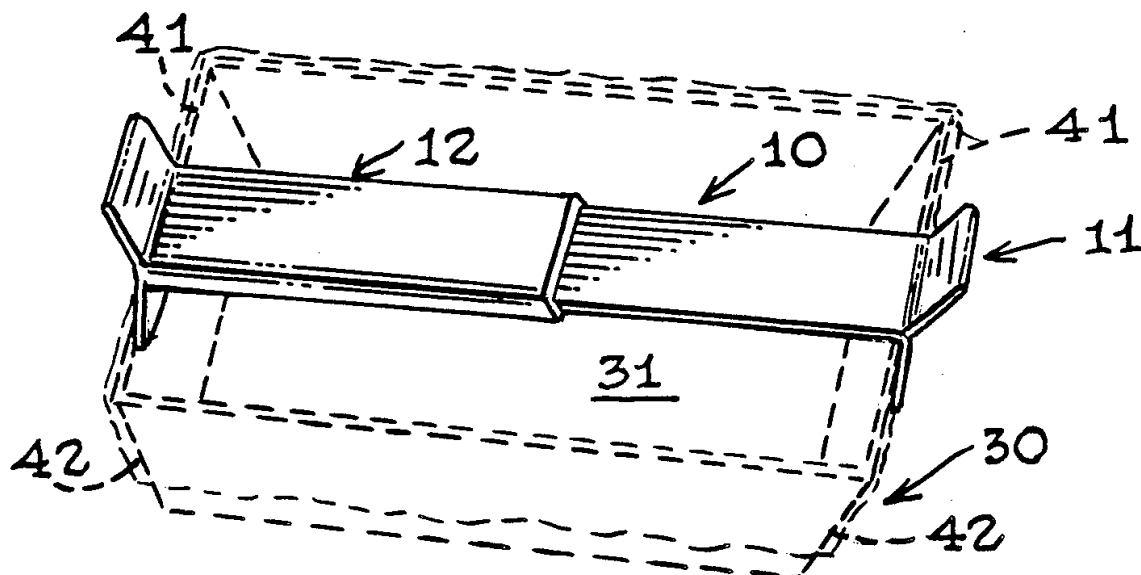
Family 87/200 - FAMPAT - ©Questel

Title

(US4768264)

Wax paper clamp for pots

Images

**Publication data including kind & date**

US4768264

A

1988-09-06

US4768264

**Abstract**

(US4768264)

A clamp apparatus (10) for use in combination with a flexible sheet (30) of material (31) to cover a cooking receptacle (40) to prevent the splattering of foodstuffs in the interior cavity of a microwave oven (20), wherein the clamp apparatus (10) comprises in general a male clamp member (11) and a female clamp member (12); wherein the male and female clamp members cooperate to vary the effective length of the clamp apparatus (10).

Inventors

KUNNA PAUL E

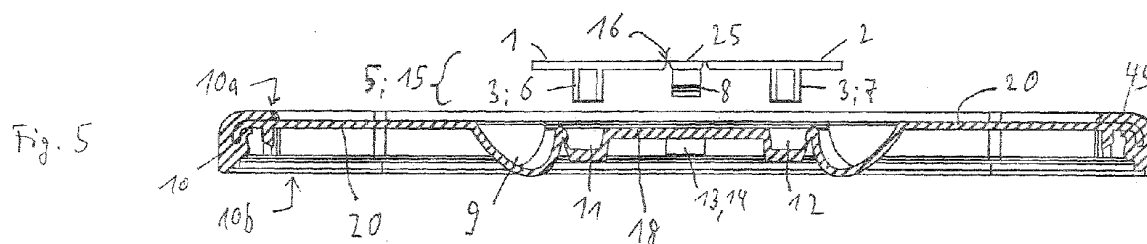
KUNNA SADIE A

Family 88/200 - FAMPAT - ©Questel

Title

(EP2433528)

Container for food

Images**Publication data including kind & date**

DE102010046675

A1

2012-03-29

DE102010046675

EP2433528

A1

2012-03-28

EP2433528

**Abstract**

(EP2433528)

The container has a cover (10), two hole openings (11,12) and a closure unit (5) that is attached on the outer side (10a) of the cover, where the closure unit is provided with handle elements (1,2). The hole openings are closed independently from each other. The handle elements are movable in a pivotable manner. The closure unit is a one-piece plastic part (15).

Inventors

SCHAUERHUBER HERMANN OLIVER

AKCEBE MEHMET

Latest standardized assignees - inventors removed

CASA SI MARKETING & VERTRIEBSGMBH

GONDOL PLASTIC SANAYI VE DIS TICARET SIRKETI

Family 89/200 - FAMPAT - ©Questel

Title

(WO201261959)

Push type vacuum seal general container

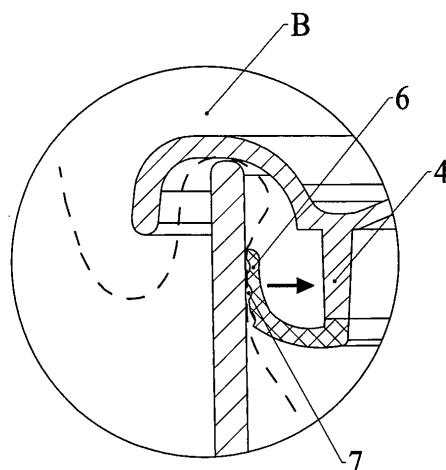
Images

图9 / Fig. 9

Publication data including kind & date

WO2012/061959	A1	2012-05-18	WO201261959
CN102001487	A	2011-04-06	CN102001487

**Abstract**

(WO2012/061959)

A push type vacuum seal general container for fresh-keeping and microwave-cooking comprises a container main case (1) and a container cap (2). On the container cap is provided a push type vacuum seal control device (3). The container cap includes an inner protruded flange (4) towards into the container main case. The inner protruded flange comprises a flexible skirt (5) integrally inject-molded thereon. When the container cap is covered on the container main case, the flexible skirt is functioned as a structure for contacting tightly with the inner wall of the container main case through the overturning of the snubby lip (6) of the flexible skirt. The container has advantages of simple structure, convenience to use, capability of keeping seal effectively, reliability and durability, can be used in a microwave oven without additional operation of releasing vacuum, hence can be used directly for refreshment in refrigerator, cooking in microwave oven and being washed in dishwasher.

Inventors

SONG XUBIN

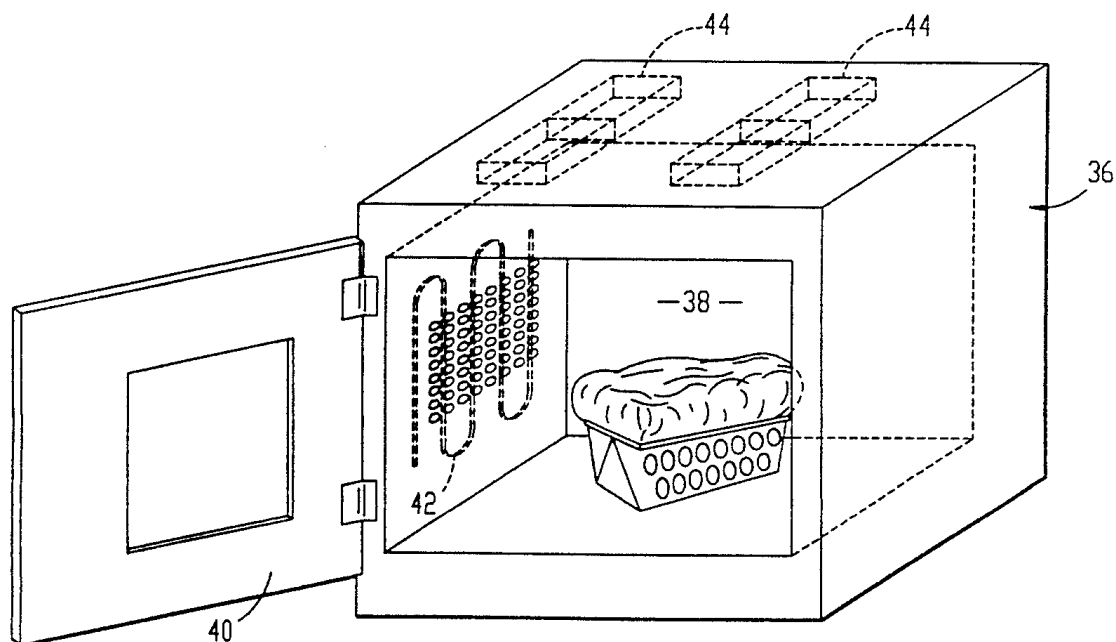
Family 90/200 - FAMPAT - ©Questel

Title

(US6325234)

Microwave dish cover

Images



Publication data including kind & date

AU7139194	A	1995-12-21	AU9471391
WO95/33360	A1	1995-12-07	WO9533360
US5331135	A	1994-07-19	US5331135



Abstract

(WO95/33360)

An improved baking pan (10) for short-time combination baking is provided which allows baking of bread or other comestible products using both conventional heating and microwave or rf energy. The pan (10) preferably includes a bottom wall (12) and upstanding sidewall structure (14) which are provided with apertures (26, 28) sized to permit passage of microwave or rf energy therethrough. A liner (34) is positioned within the pan (10) in covering relationship to the apertures (26, 28), so as to prevent passage of uncooked dough or the like through the pan apertures (26, 28), while being sufficiently thin to not appreciably decrease thermal conductivity through the pan walls (12, 14). Combination bread baking using the pan (10) typically involves conventional heating to a temperature of from about 430-625 DEG F, with simultaneous application of microwave energy. Provision of the apertures (26, 28) allows even microwave or rf cooking of the interior of the loaf, while the metallic pan walls (10, 14) assure rapid and even browning and crust formation.

Inventors

OVADIA DAVID

Latest standardized assignees - inventors removed

KANSAS STATE UNIVERSITY

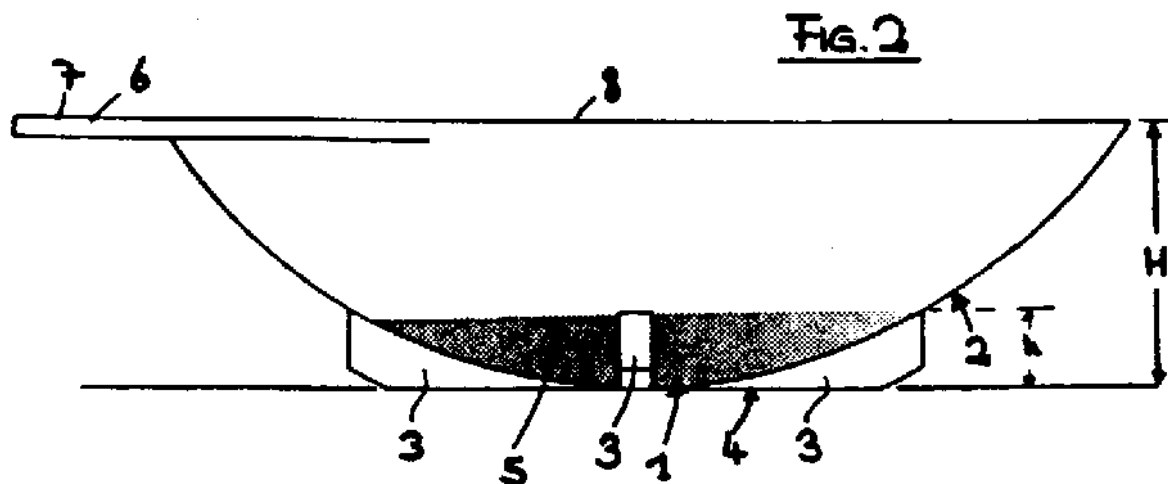
Family 92/200 - FAMPAT - ©Questel

Title

(DE4237974)

Microwave oven dish with absorbent coating - has coating applied to base and up part of sides, and has flat handle

Images



Publication data including kind & date

DE4237974	A1	1993-05-19	DE4237974
DE9114175	U1	1992-01-30	DE9114175



Abstract

(DE4237974)

The microwave oven piece of crockery, especially plate, bowl, baking tray, has a microwave absorbent coating (5) on the outside of at least the base (1). The coating on the base spaced apart from the surface on which it stands (4) by means of feet (3), incorporates lead dioxide as the microwave-absorbent medium. The coating extends from the lowest point of the base up on the outer wall to about a quarter or third (h) of the total height (H) of the crockery. The utensil has at least one flat handle (6) the upper surface (7) of which is on the same plane as the top rim (8). The outer end edges (9) of the handle open at a tangent to the top rim. USE/ADVANTAGE - The microwave absorbency of the piece of crockery is improved.

Inventors

SELNAR MARTIN

Latest standardized assignees - inventors removed

SELNAR MARTIN 8500 NUERNBERG

Family 93/200 - FAMPAT - ©Questel

Title

(EP-327586)

Food container and method of manufacturing

Images

ES2005416	A6	1989-03-01	ES2005416
DK341388	A	1988-08-19	DK8803413
NO882776	A	1988-08-19	NO8802776
NO882776	L	1988-08-19	NO-882776
DK341388	D0	1988-06-22	DK8803413
NO882776	D0	1988-06-22	NO8802776
AU8232587	A	1988-05-25	AU8782325
WO88/03352	A1	1988-05-05	WO8803352

**Abstract**

(EP0327586)

A food container for use in a microwave oven. The container contains a plurality of food substances, and employs a metal shield to shield at least one of the food substances from microwave radiation. Arcing and other problems associated with the use of metal shielding are avoided by proper selection of the geometry of the metal shield. The metal shield is preferably looped in a manner which provides some electrical inductance, and the ends of the metal shield are overlapped and separated by a dielectric material to provide some electrical capacitance. The geometry of the shield is selected so that the inductance and the capacitance in effect form a "tuned circuit" which minimizes problems associated with resonance and which eliminates arcing.

Inventors

WENDT, DAN, J.

Latest standardized assignees - inventors removed

GENERAL MILLS MARKETING

Family 94/200 - FAMPAT - ©Questel

Title

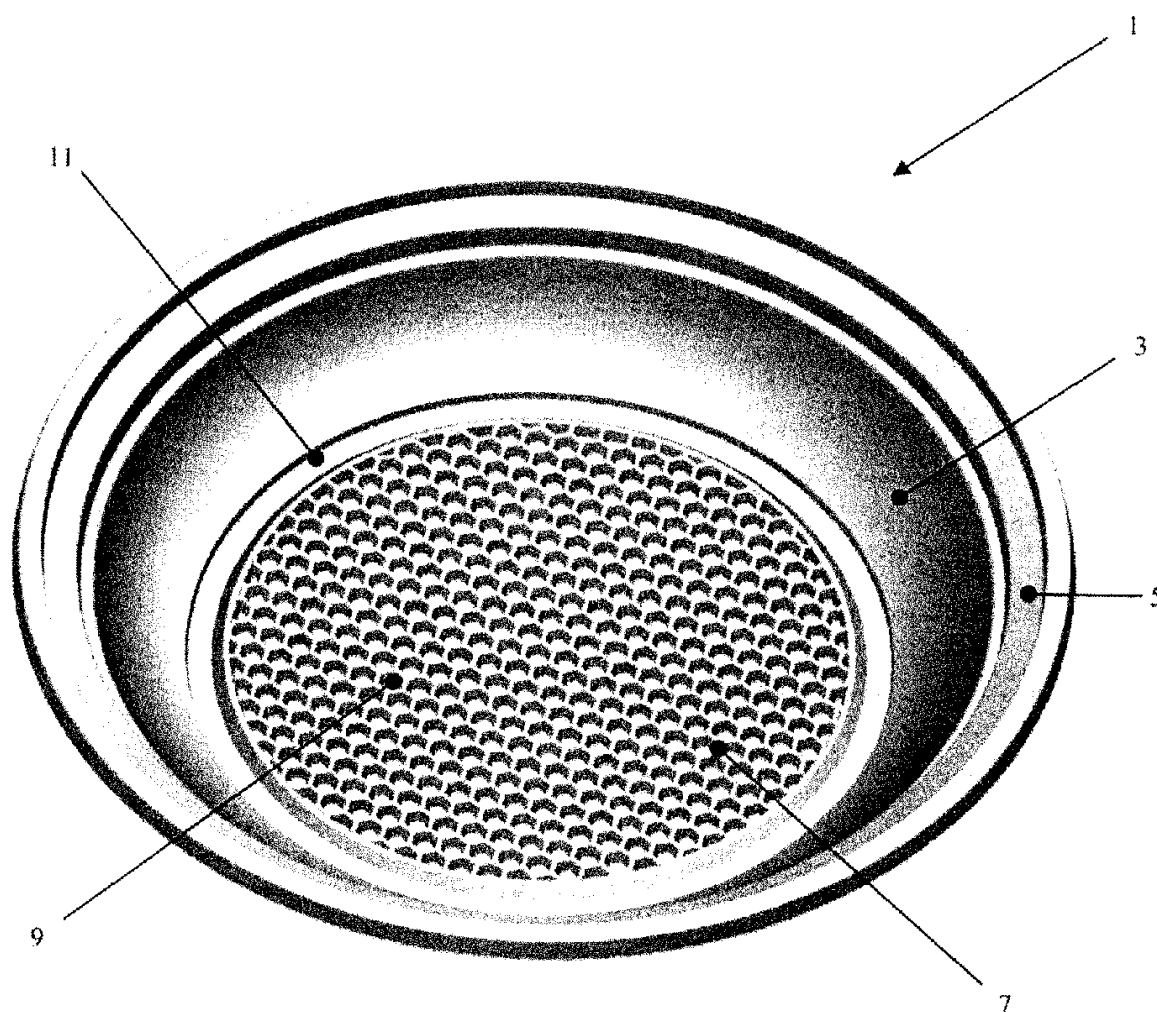
(US4661672)

Container for use in heating by microwave oven

Images

(EP3289928)

Dish comprising a bottom equipped with draining and holding pits

Images**FIG. 1****Publication data including kind & date**[EP3289928](#)

A1 2018-03-07 EP3289928

**Abstract**

(EP3289928)

A dish (1) is described, comprising a bottom (7) equipped with a plurality of pits (9) adapted to perform a function of draining and holding of substances, such as food seasonings, oils or sauces.

Inventors

IANNUZZI MASSIMO

Latest standardized assignees - inventors removed

ITALIANA PLAST

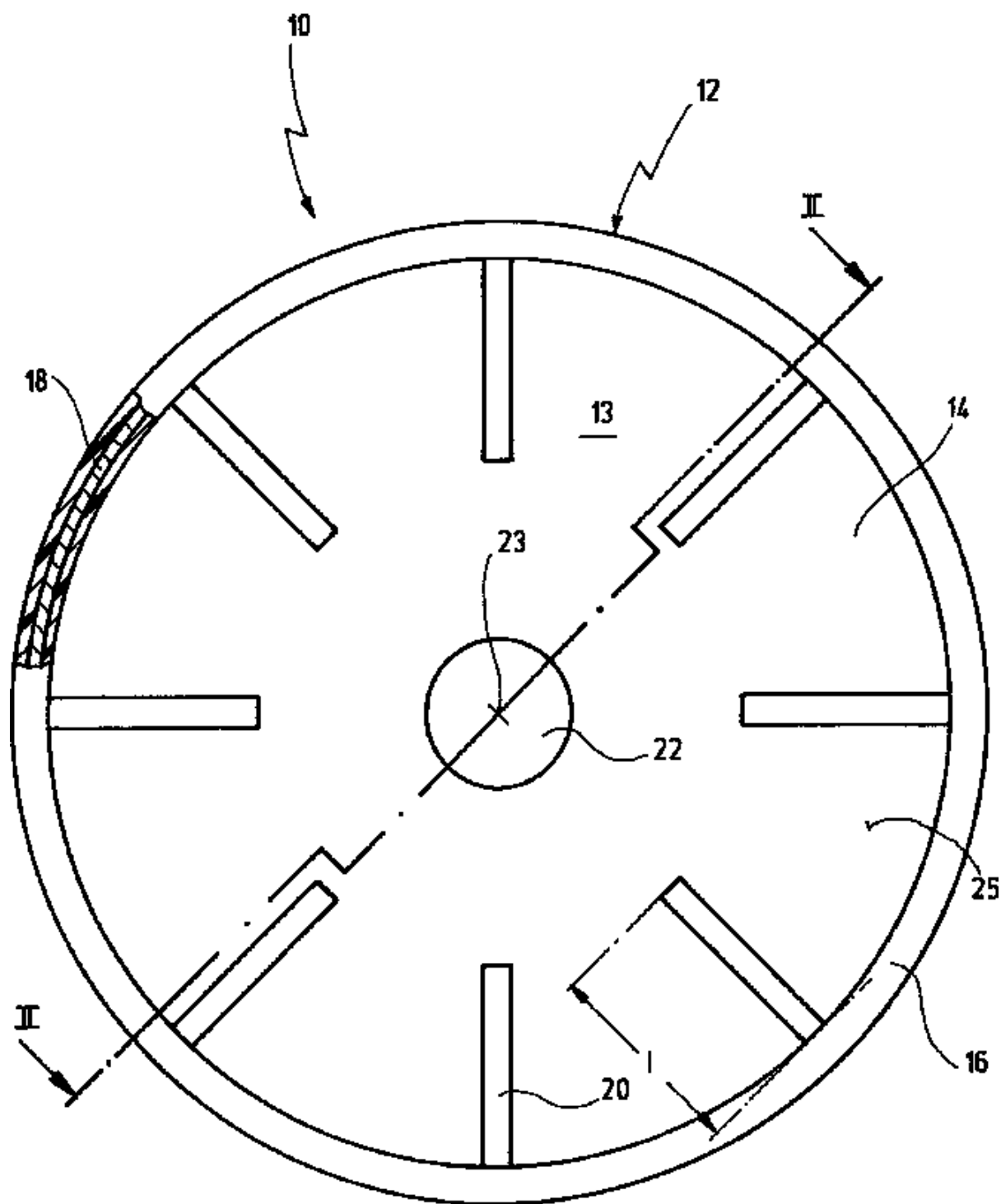
Family 96/200 - FAMPAT - ©Questel

Title

(DE202005010608)

Kitchen utensil holder with a plate-like body with an elastic film in the center and strengthened at the rim useful for fresh food, microwave ovens and table mats

Images



Publication data including kind & date

[DE202005010608](#)

U1 2005-10-13

DE202005010608



Abstract

(DE202005010608)

Kitchen utensil holder with a plate-like body (12) with an elastic film (14) in the center and strengthened at the rim (16). Independent claims are included for: (1) a fresh food (sic) cover holder; (2) a microwave oven cover; (3) and a table mat.

Latest standardized assignees - inventors removed

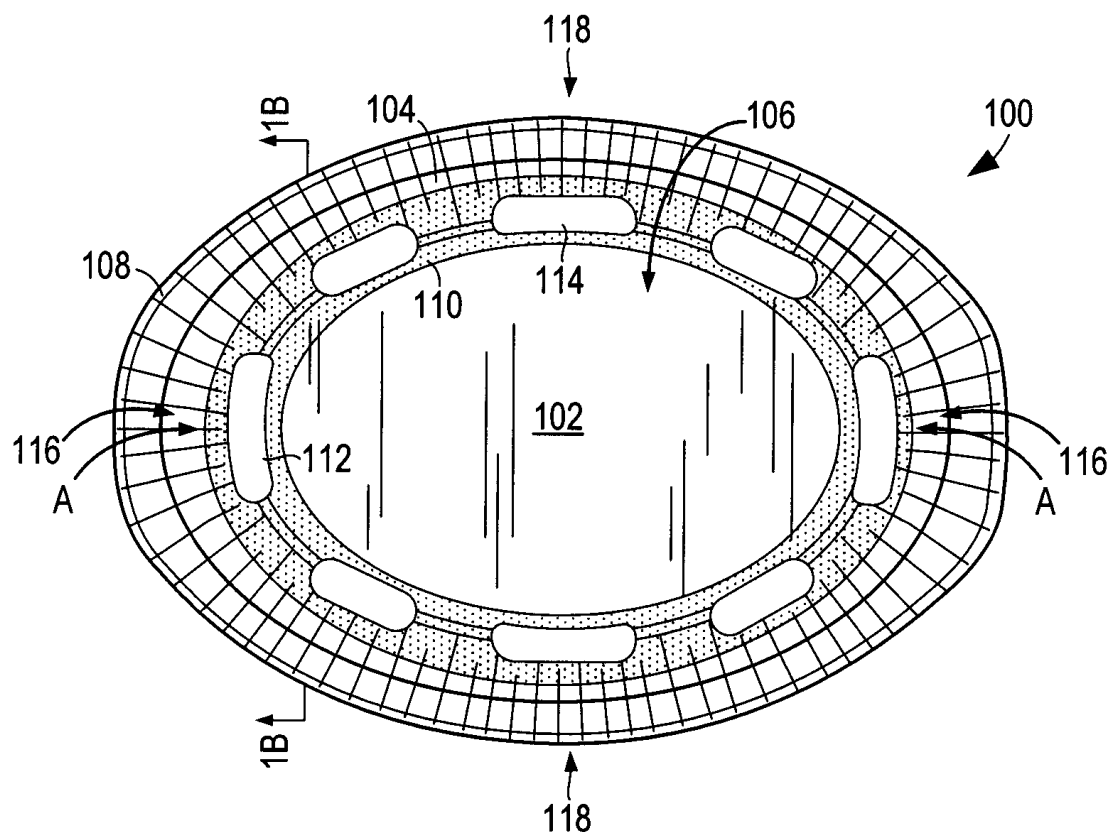
COOK WORLD

Family 97/200 - FAMPAT - ©Questel

Title

(EP2296999)

Images



FP2722293

US20170015486

US9493287

JP5788792

CA2729189

FP2722293

FS2451517

FP2296999

FP2296999

JP2011527659

FP2296999

WO201006098

WO201006098

US20100006566

CA2729189

(EP2296999)

A microwave heating construct comprises a base, a wall extending upwardly around the base for defining a cavity for receiving a food item, and a microwave energy shielding element overlying a lower margin of the wall, the microwave energy shielding element having an upper edge including a substantially incurved portion.

TSONTZIDIS SANDRA M

LIU TIM BING

LI ANGELA

ZENG NEILSON

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

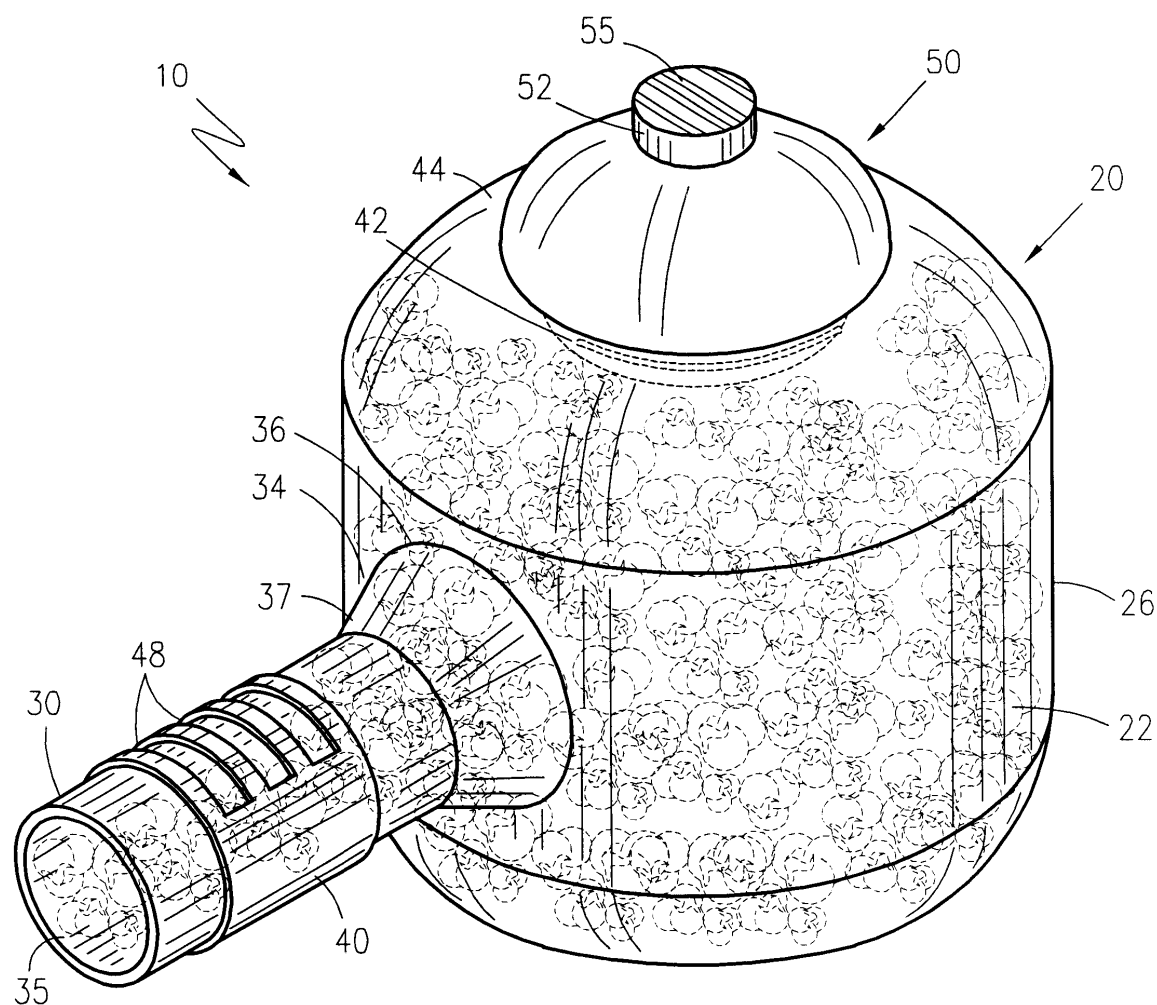
FIELD CONTAINER QUERETARO

Family 98/200 - FAMPAT - ©Questel

Title

(US6350974)

Handled, microwave popcorn service apparatus

Images**Publication data including kind & date**[US6350974](#)

B1 2002-02-26 US6350974

**Abstract**

(US6350974)

A handled, microwave popcorn service apparatus is provided for cooking and serving popcorn. A service bowl container is formed of a thermoplastic microwave penetrable material. The service container includes a dispensing tube and an access lid.

Inventors

MANZANO JUAN

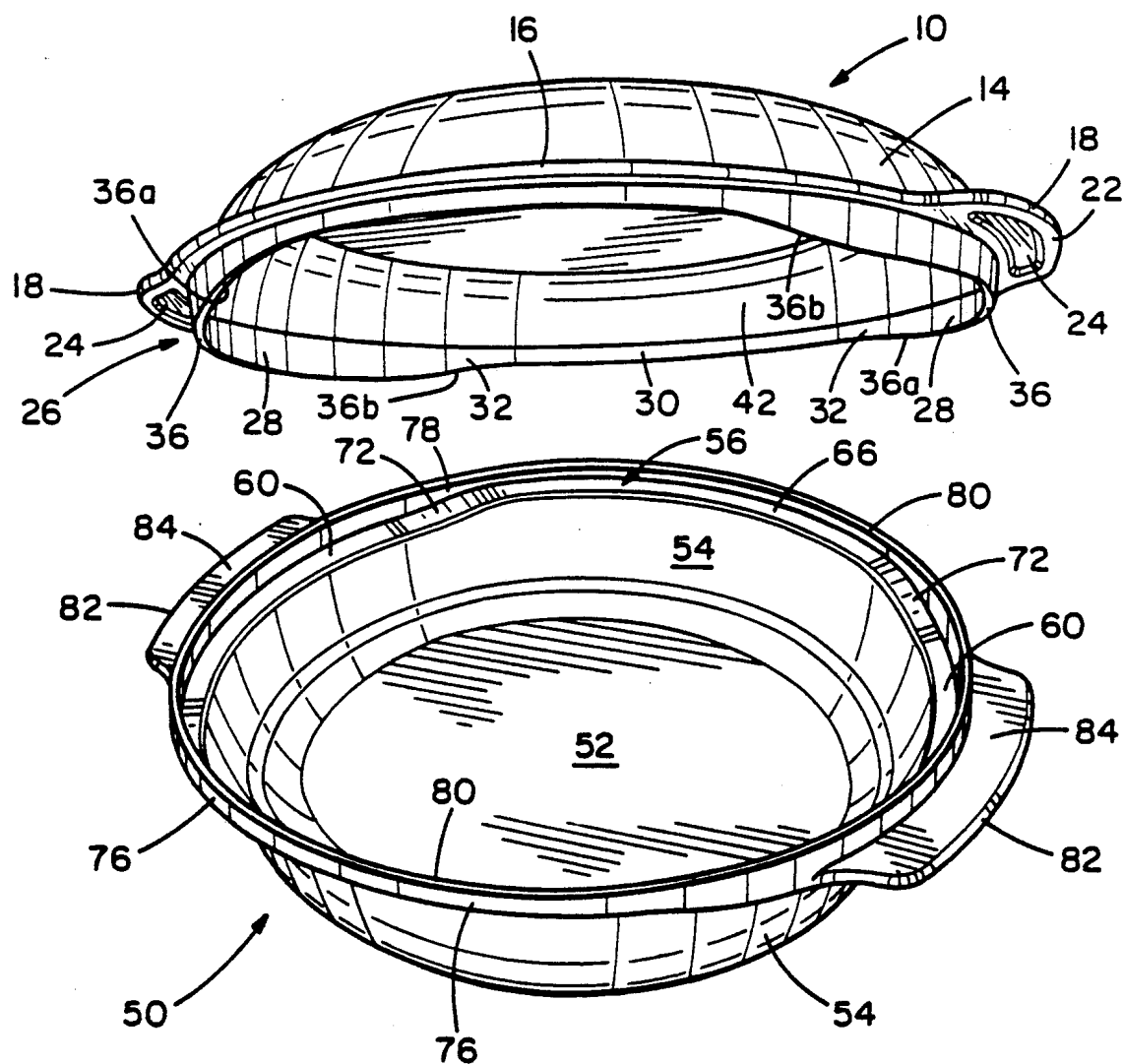
GARCIA BERENICE

Family 99/200 - FAMPAT - ©Questel

Title

(US5065889)

Covered dish with vent

Images**Publication data including kind & date**

NL193555	B	1999-10-01	NL-193555
BRPI9103144	B1	1998-07-28	BR199103144
DE4121706	C2	1996-09-12	DE4121706
JP2037704	C	1996-03-28	JP2037704
FI95763	C	1996-03-25	FI--95763
FI95763	B	1995-12-15	FI--95763
IE65178	B1	1995-10-04	IE--65178
JPH0767420	B2	1995-07-26	JP95067420
AT399645	B	1995-06-26	AT-399645
IT1251135	B	1995-05-04	IT1251135
CA2045795	C	1995-05-02	CA2045795
FR2665350	B1	1995-02-24	FR2665350
PT8320	U	1994-11-30	PT---8320U
ATA127291	A	1994-11-15	AT9101272
IL98710	B	1994-11-11	IL--98710



GB2247159	B	1994-10-26	GB2247159				
ES2038902	B1	1994-06-16	ES2038902				
KR940002653	B1	1994-03-28	KR940002653				
NZ238742	A	1994-01-26	NZ-238742				
GR1001461	B	1993-12-30	GR1001461				
CH682712	A5	1993-11-15	CH-682712				
AU641512	B2	1993-09-23	AU-641512				
ES2038902	A1	1993-08-01	ES2038902				
BE1005409	A0	1993-07-13	BE1005409				
JPH04253818	A	1992-09-09	JP04253818				
GR910100315	A	1992-08-31	GR91100315				
IL98710	A	1992-07-15	IL--98710				
ZA9105166	B	1992-06-24	ZA9105166				
BR9103144	A	1992-05-05	BR9103144				
BRPI9103144	A1	1992-05-05	BRPI9103144				
LU87972	A1	1992-04-15	LU--87972				
MX9100496	A	1992-04-01	MX9100496				
MA22247	A1	1992-04-01	MA--22247				
PT8320	T	1992-03-31	PT---8320T				
KR920003930	A	1992-03-27	KR19920003930				
NL9101247	A	1992-03-02	NL9101247				
GB2247159	A	1992-02-26	GB2247159				
IE912236	A1	1992-02-12	IE9102236				
FR2665350	A1	1992-02-07	FR2665350				
DE4121706	A1	1992-02-06	DE4121706				
AU7940591	A	1992-02-06	AU9179405				
DK142391	A	1992-02-04	DK9101423				
NO913022	L	1992-02-04	NO-913022				
SE9102281	L	1992-02-04	SE9102281				
ITMI912094	A1	1992-02-04	IT91MI2094				
FI913672	A	1992-02-04	FI9103672				
PE30291	A1	1991-11-29	PE9100302				
US5065889	A	1991-11-19	US5065889				
GB9116694	D0	1991-09-18	GB9116694				
DK142391	D0	1991-08-02	DK9101423				
NO913022	D0	1991-08-02	NO9103022				
SE9102281	D0	1991-08-02	SE9102281				
FI913672	A0	1991-08-01	FI9103672				
ITMI912094	D0	1991-07-26	IT91MI2094				

Abstract

(US5065889)

A casserole dish and cover that cooperate to allow cooking in a vented and unvented condition as well as a controlled transition from a vented to an unvented state. The dish includes a cam ledge and the cover includes a lip that is rotatable and pivotable on the cam ledge to allow controlled venting and access to the interior of the dish.

Inventors

CONTI RINO

Latest standardized assignees - inventors removed

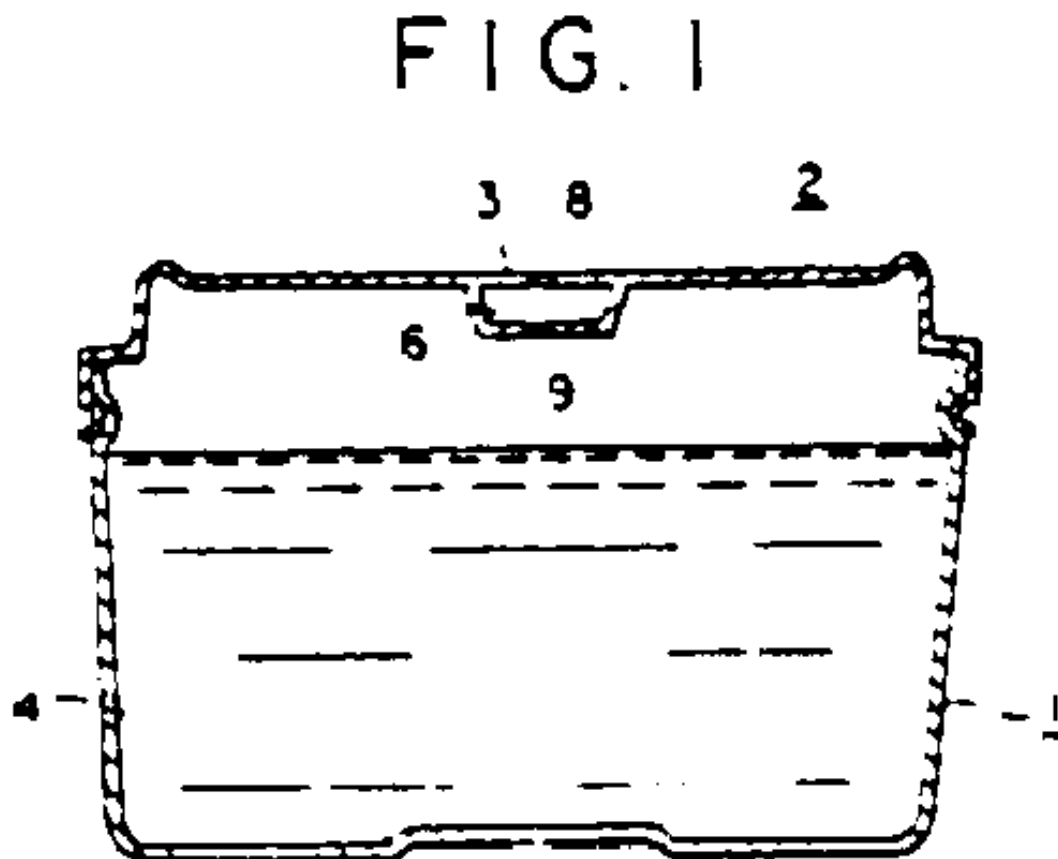
DART INDUSTRIES

Family 100/200 - FAMPAT - ©Questel

Title

(EP-288862)

Container with whistling device for thermally cooking food.

Images**Publication data including kind & date**

AU616882	B2	1991-11-14	AU-616882
EP0288862	A1	1988-11-02	EP-288862
JPS63260510	A	1988-10-27	JP63260510
AU1463688	A	1988-10-20	AU8814636

**Abstract**

(EP0288862)

A container (1) with a whistling device (3) for thermally cooking food is disclosed, which comprises a container body for containing food to be cooked by heating and a lid (2) for closing the open top of the container body. A whistling device is provided on a portion of the lid for generating a whistling sound when gas passes it quickly. The whistling device is constituted by a space defined between the lid and a closure member provided on and in a spaced-apart relation to the lid, and aligned small through holes formed in the lid and closure member. Toward completion of cooking of the contained food, a whistling sound is generated from the whistling device by quick passage therethrough of steam.

Inventors

ISHIDA HIROMITSU RESEARCH DEVE
UZAWA MANABU RESEARCH DEVELOPM
YAMAZAKI MAKOTO SHIMOOKAZU HAI

Latest standardized assignees - inventors removed

NAKAMURAYA

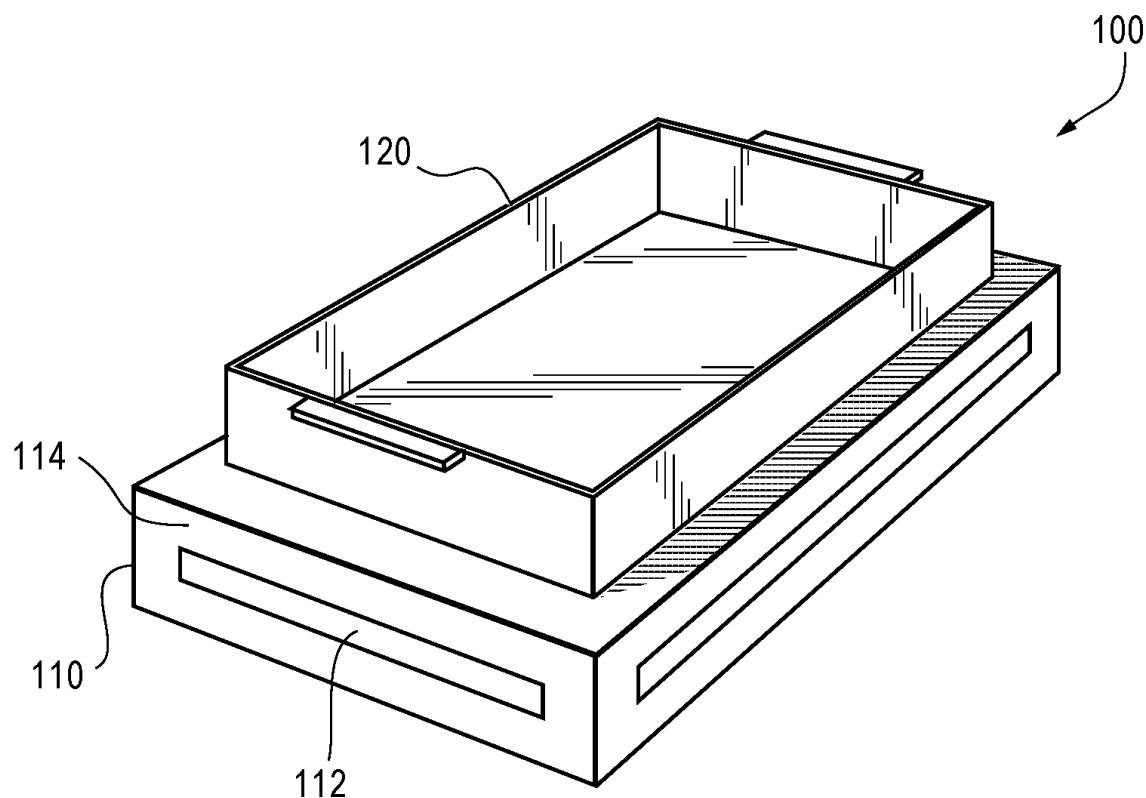
FURUBAYASHI SHIKO

Family 101/200 - FAMPAT - ©Questel

Title

(US20180153340)

Micro-Active Thermoelastomer Heated Food Accessories

Images**Publication data including kind & date**[US20180153340](#)

A1

2018-06-07

US20180153340

**Abstract**

(US20180153340)

Microwave safe accessories heat up without melting or burning the user and will use conduction to keep food and liquids hot/warm. Specifically, the disclosure relates to a thermoplastic elastomer that includes microwave activated materials (such as graphite or carbon black). The thermoplastic elastomer can include an overmold, which can be inert (e.g. Santoprene, TipSiv, or the like) or can also be combined with microwave activated materials.

Inventors

VINER VICTOR

CAVADA GIL

CARHART DAVID

SCHWARTZ MARK

Latest standardized assignees - inventors removed

V2 FITNESS

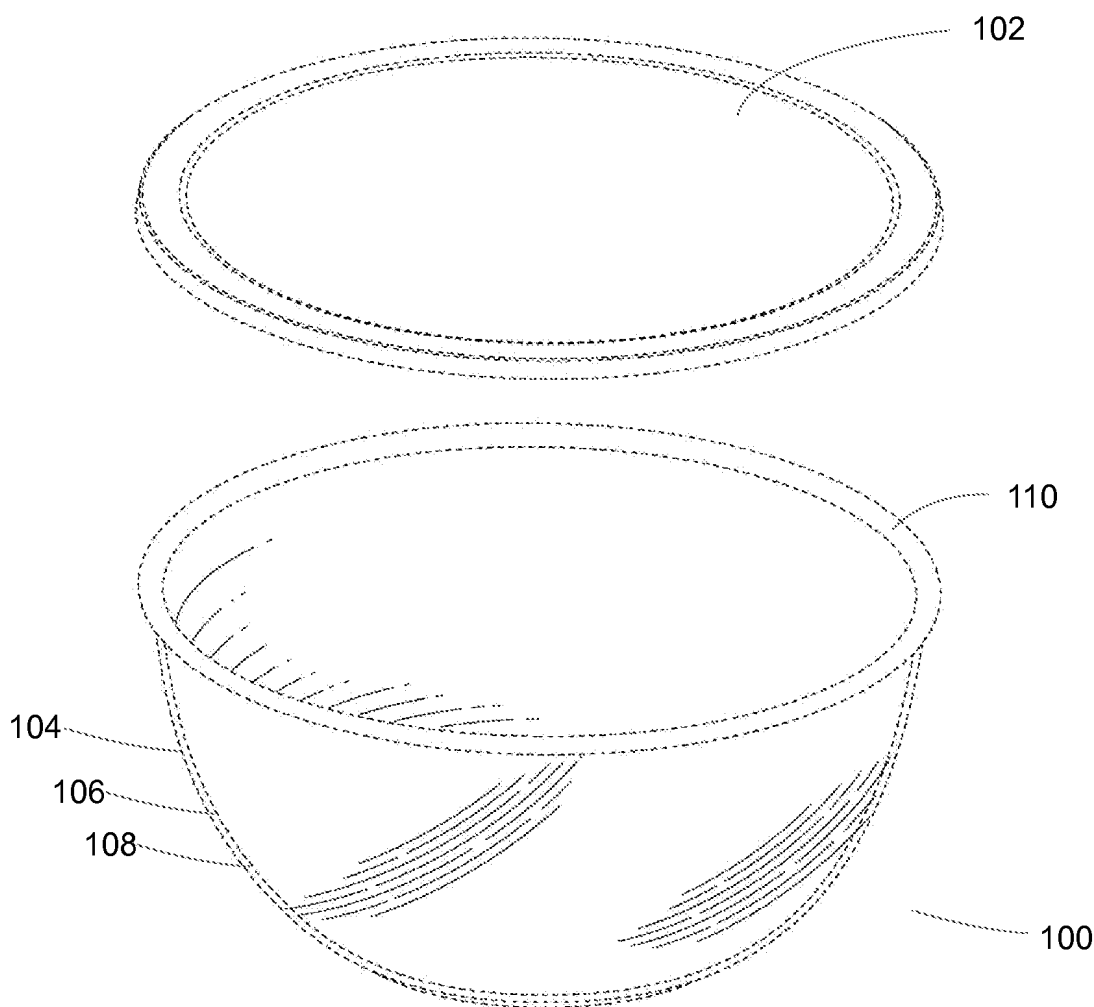
Family 102/200 - FAMPAT - ©Questel

Title

(EP3234469)

Microwave safe container

Images

**Publication data including kind & date**

EP3234469	A4	2018-10-10	EP3234469
EP3234469	A1	2017-10-25	EP3234469
IN3782/DEL/2014	A	2016-06-24	IN2014DE03782
WO2016/098038	A1	2016-06-23	WO201698038
US20160176614	A1	2016-06-23	US20160176614

**Abstract**

(EP3234469)

A microwave safe container may include a metal receptacle enclosed in an outer covering of a substantially microwave-transparent material. The metal receptacle and the outer covering each include a closed end and an open end. The open end of the metal receptacle is joined to the open end of the outer covering to form a substantially rounded top lip while maintaining a space between the metal receptacle and the outer covering. The arrangement of the microwave safe container allows microwave rays to penetrate the metal receptacle without getting completely reflected resulting in substantially even heating of food inside the microwave safe container.

Inventors

MITTAL NEERAJ

SRIVASTAVA UMANG

Latest standardized assignees - inventors removed

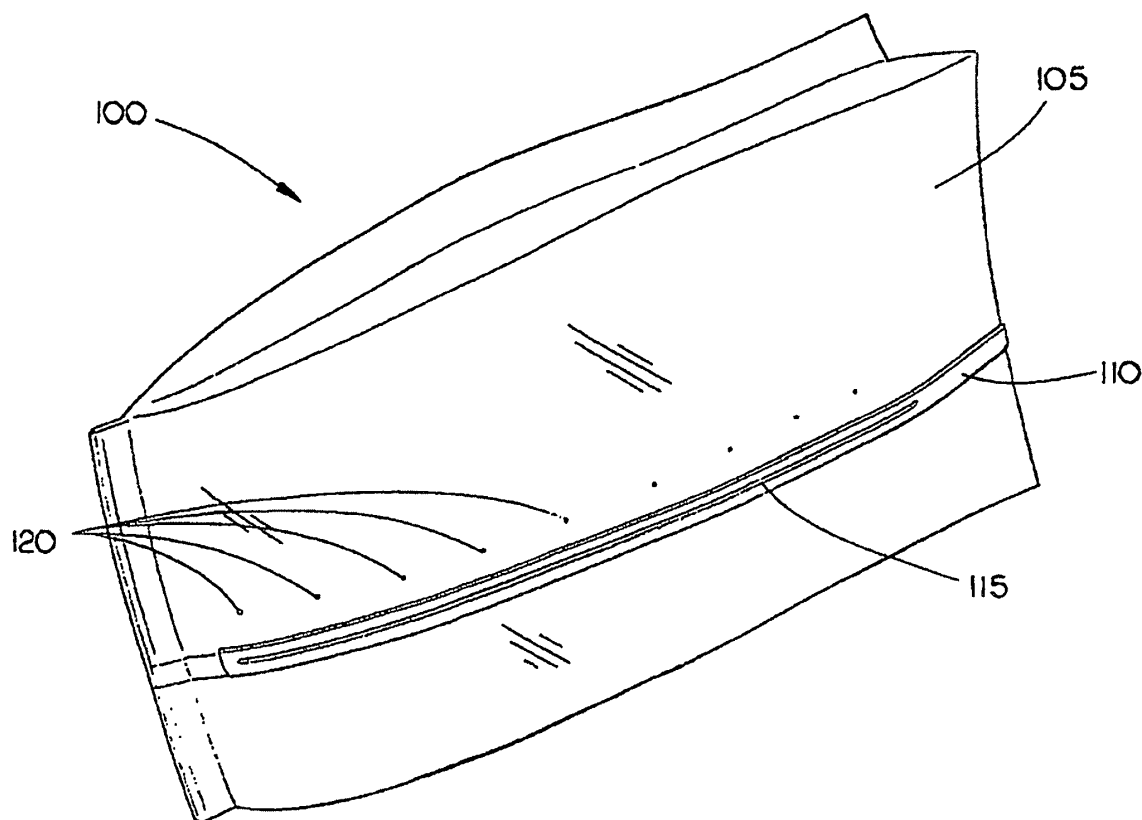
CASA BRANDS INDIA PVT

Family 103/200 - FAMPAT - ©Questel

Title

(EP1765972)

Packaging material and method for microwave and steam cooking of perishable food product

Images**Publication data including kind & date**

US20190117012	A1	2019-04-25	US20190117012
US10136757	B2	2018-11-27	US10136757
US20170303738	A1	2017-10-26	US20170303738
US9585515	B2	2017-03-07	US9585515
IN3113/KOLNP/2011	A	2016-08-26	IN2011KN03113
US9016944	B2	2015-04-28	US9016944
US20140166643	A1	2014-06-19	US20140166643
US20140131363	A1	2014-05-15	US20140131363
US20120085754	A1	2012-04-12	US20120085754
BRPI0510359	A2	2012-04-03	BR200510359
US8087827	B2	2012-01-03	US8087827
EP1765972	A4	2009-06-10	EP1765972
BRPI0510359	A	2007-12-26	BR200510359
BRPI0510359	A1	2007-12-26	BRPI0510359
IN3930/KOLNP/2006	A	2007-06-22	IN2006KN03930
US20070087096	A1	2007-04-19	US20070087096
EP1765972	A2	2007-03-28	EP1765972
WO2005/118770	A3	2006-09-28	WO2005118770
WO2005/118770	A2	2005-12-15	WO2005118770
AU2005250421	A1	2005-12-15	AU2005250421
CA2567898	A1	2005-12-15	CA2567898



[US20050266129](#)

A1 2005-12-01 US20050266129

Abstract

(EP1765972)

A cost-effective packaging device and preservation process for allowing for the distribution, storage and cooking of a perishable food product(s), and initiating and controlling the ripening rates of the perishable food products) having different maturity stages followed by uniform ripening, good internal and external fruit quality and normal development of flavor and aroma characteristics. The packaging device includes a plurality of micro-perforations that control the atmosphere within the packaging device as the perishable food products) progress through their ripening stages so as not to appreciable delay ripening to an intermediate ripening stage, but to delay ripening beyond such intermediate stage in order to promote the extended shelf-life of the perishable food product and the maintenance of the quality of the perishable food product. The micro-perforations allow the cooking of the perishable food product within the packaging device without substantially altering the cooking properties of the packaging device.

Inventors

MIR NAZIR

Latest standardized assignees - inventors removed

MIRTECH

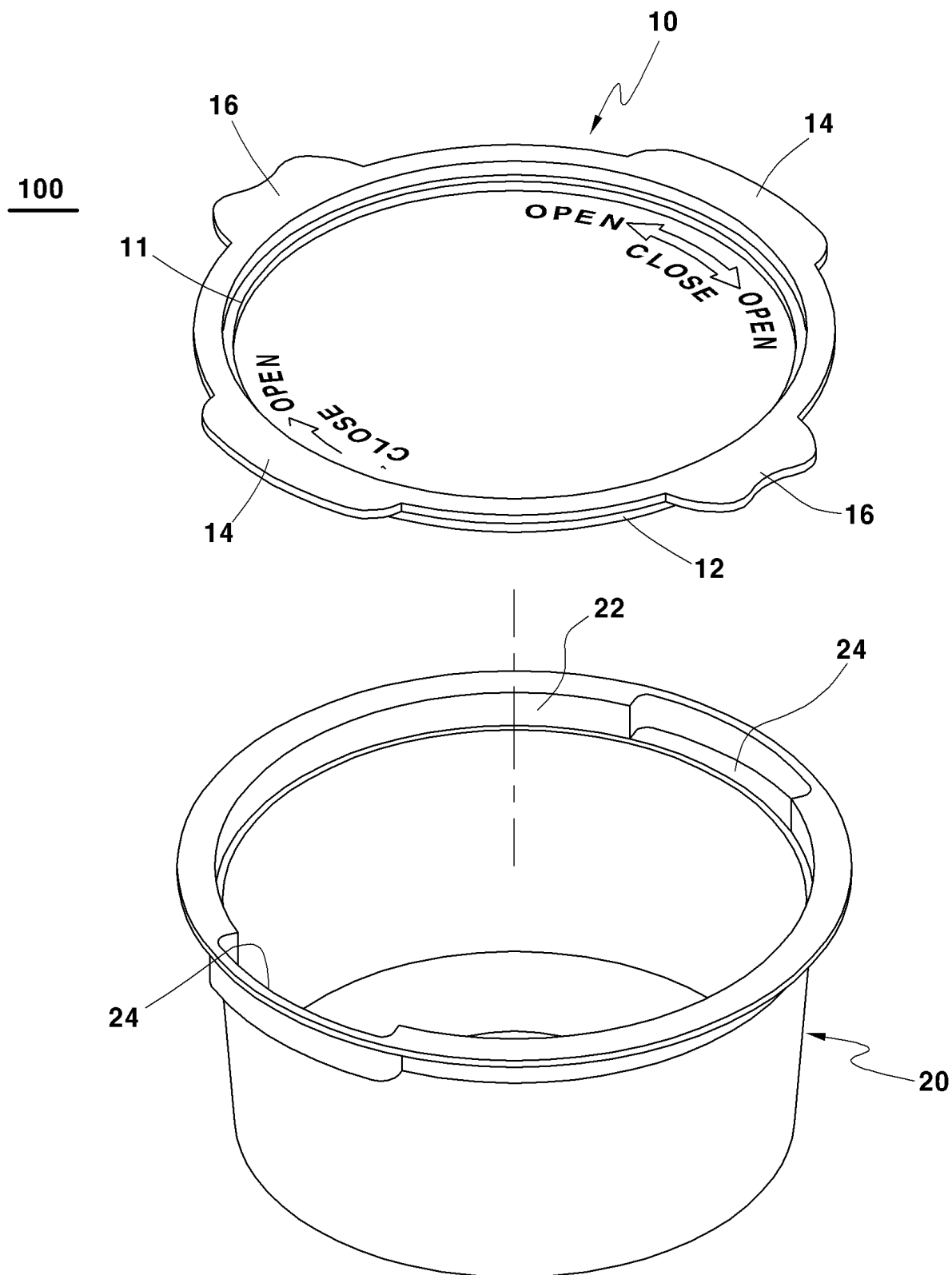
Family 104/200 - FAMPAT - ©Questel

Title

(KR200486123U)

Microwave containers

Images

**Publication data including kind & date**

KR200486123	Y1	2018-05-18	KR200486123U
KR20180000499	U	2018-02-21	KR20180000499U

**Abstract**

(KR20180000499)

This invention relates to a method, a lid and a container body for containing food in a microwave oven is composed exclusively used in the container for a microwave oven, a lid coupled to the bottom part of the insertion portion is guided to the inner circumference of the opening of the container body portion and a right angle with the inner periphery of the recess along the inner periphery of the top surface of the discharge groove is formed in the form of a vapor, a peripheral portion of the lid of the container body includes a top cover is closely adhered to the container body or the lid

from the steam drain groove in accordance with the rotation of the steam to expose a portion of the discharge groove for discharging a home block and the lid for rotation of the finger protruding piece being formed, the upper surface of the lid of one and the same container body in the bottom of the container body for guiding a multi layered ambient and prevent the guide jaw is formed is characterized in that, into a container of food without opening the lid from the lid to rotate the microwave oven and cooking food using steam discharge when warming up can be smoothly, the multilayer laminated state and can also be used, the microwave oven can be easily carried to the advantage of the beneficial effect is to be provided.

Inventors

PARK, WON BIN

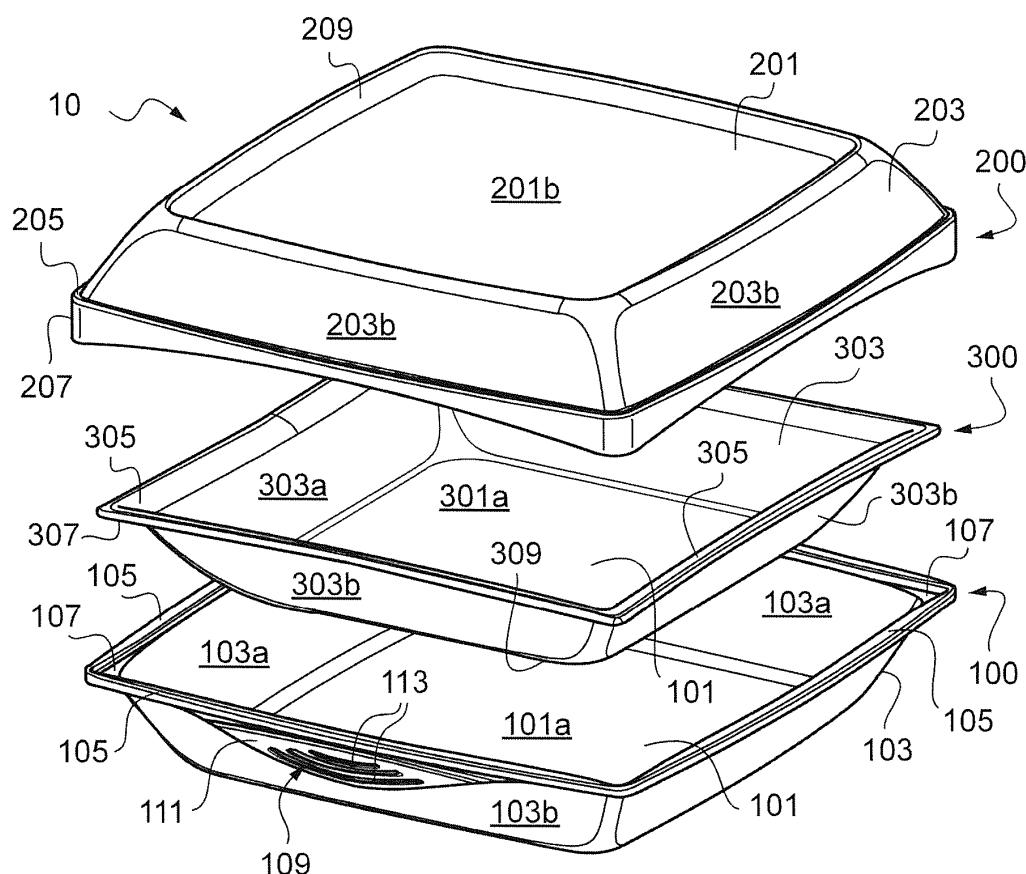
Family 105/200 - FAMPAT - ©Questel

Title

(WO2014111658)

Container intended to contain food products

Images



Publication data including kind & date

US20160037964	A1	2016-02-11	US20160037964
FR3000889	B1	2015-02-27	FR3000889
WO2014/111658	A1	2014-07-24	WO2014111658
FR3000889	A1	2014-07-18	FR3000889



Abstract

(WO2014/111658)

The invention relates to a kitchen set (10) comprising a container (100), a lid (200) and a plate (300). The container (100) includes a bottom (101) and a side wall (103) extending from the bottom (101) and all around the bottom (101). The lid (200) is designed to be placed on the container (100). The assembly of the container (100) and the lid (200) defines a

closed internal volume. The plate (300) has a shape and dimensions that correspond to those of the container (100). When placed in the closed internal volume, the plate (300) rests partially at least against the side wall (103) and/or against the bottom (101) of the container (100). The container (100) and the lid (200) are produced from thermally stable polymer. The plate (300) is produced from thermally stable polymer or ceramic.

Inventors

TANGUY ANNE

LION MATHIEU

Latest standardized assignees - inventors removed

MASTRAD

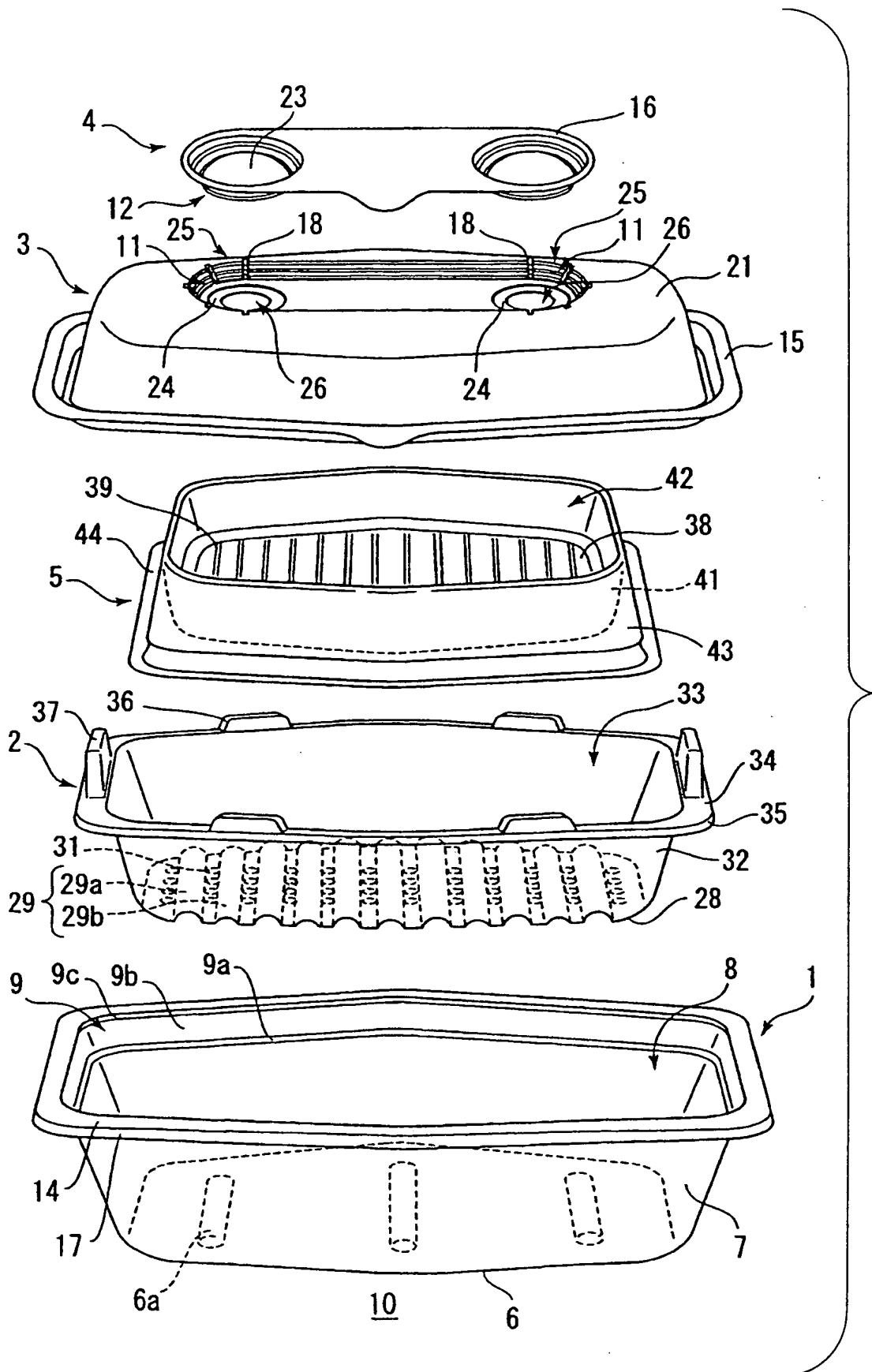
Family 106/200 - FAMPAT - ©Questel

Title

(EP1938716)

System container for cooking pasta by electronic oven

Images



Publication data including kind & date

HK1125009	A1	2010-12-31	HK1125009
CN101272717	B	2010-06-02	CN101272717B
ES2337913	T3	2010-04-30	ES2337913
PT1938716	E	2010-02-23	PT1938716
DE602005018119	D1	2010-01-14	DE602005018119



AT450176	T	2009-12-15	ATE450176				
EP1938716	B1	2009-12-02	EP1938716				
EP1938716	A4	2009-05-06	EP1938716				
US20090107993	A1	2009-04-30	US20090107993				
CN101272717	A	2008-09-24	CN101272717				
EP1938716	A1	2008-07-02	EP1938716				
KR20080049745	A	2008-06-04	KR20080049745				
WO2007/043154	A9	2007-05-31	WO200743154				
WO2007/043154	A1	2007-04-19	WO200743154				
AU2005337309	A1	2007-04-19	AU2005337309				
CA2623971	A1	2007-04-19	CA2623971				

Abstract

(EP1938716)

A pasta cooking system 10 comprises a container body 1, a pasta holder 2, a lid 3, and a cap 4, wherein raised ridges are formed on the bottom surface of the pasta holder 2 to prevent pasta from sticking to each other. A fitting section 9 of the container body and a bottom fitting section 13 of the lid 3 are engaged together, while the upper fitting section 11 of the lid 3 and the fitting section 12 of the cap 4 are engaged together. An Opening 26 and a steam-releasing groove 18 of the lid 3 and/or a gap between the fitting section 9 of the container body 1 and the bottom fitting section 13 of the lid 3 provides a path for air and steam generated within the container, controlling steam pressure within the container and preventing water therein from boiling out.

Inventors

OHYAMA YOSHIO

Latest standardized assignees - inventors removed

NEWS CHEF

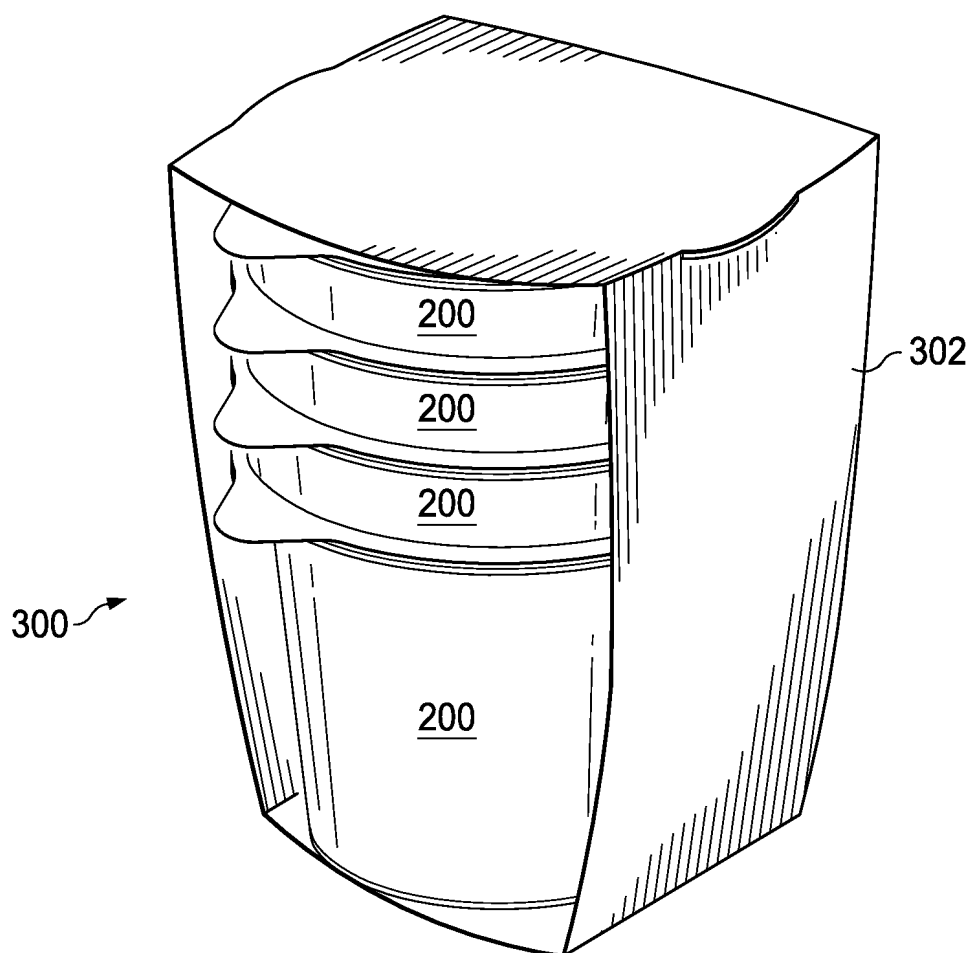
Family 107/200 - FAMPAT - ©Questel

Title

(WO2015123106)

Nestable packages

Images

**Publication data including kind & date**

WO2015/123106	A1	2015-08-20	WO2015123106
US20150225119	A1	2015-08-13	US20150225119

**Abstract**

(WO2015/123106)

A nestable food package, is provided. The food package has a base and a lid with a concave portion configured to receive the base of another food package.

Inventors

BRADY DEBRA
HENDERSON ERIC THOMAS
MAKI JAMES J

Latest standardized assignees - inventors removed

QUAKER OATS

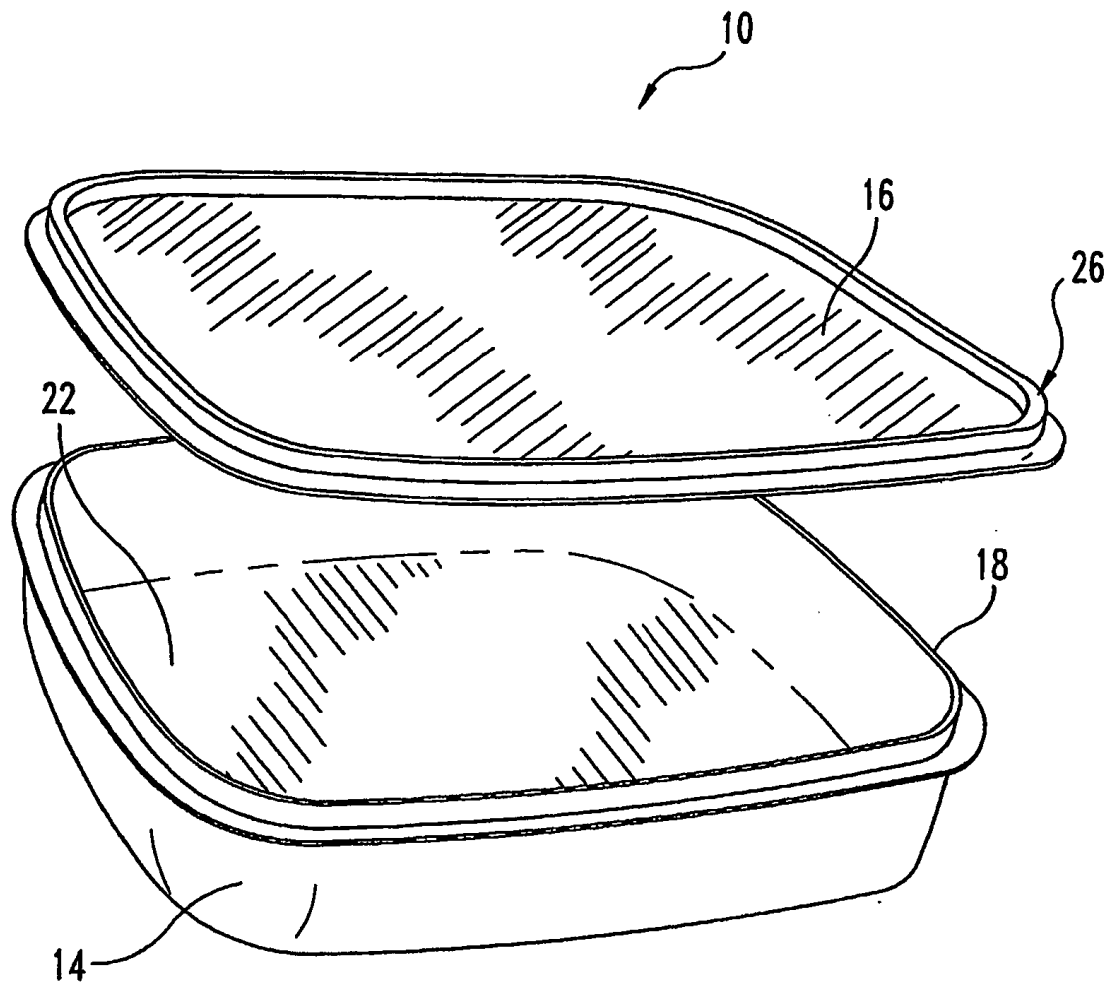
Family 108/200 - FAMPAT - ©Questel

Title

(WO200535228)

Microwave cooking container with improved lid design

Images

**Publication data including kind & date**

US20070266864	A1	2007-11-22	US20070266864
WO2005/035228	A1	2005-04-21	WO200535228

**Abstract**

(WO2005/035228)

A device for improved steam cooking of microwave food having a container (10) defining a compartment (22) for food.

Inventors

HOPKINS GARY L SR

Latest standardized assignees - inventors removed

STEAMWAY

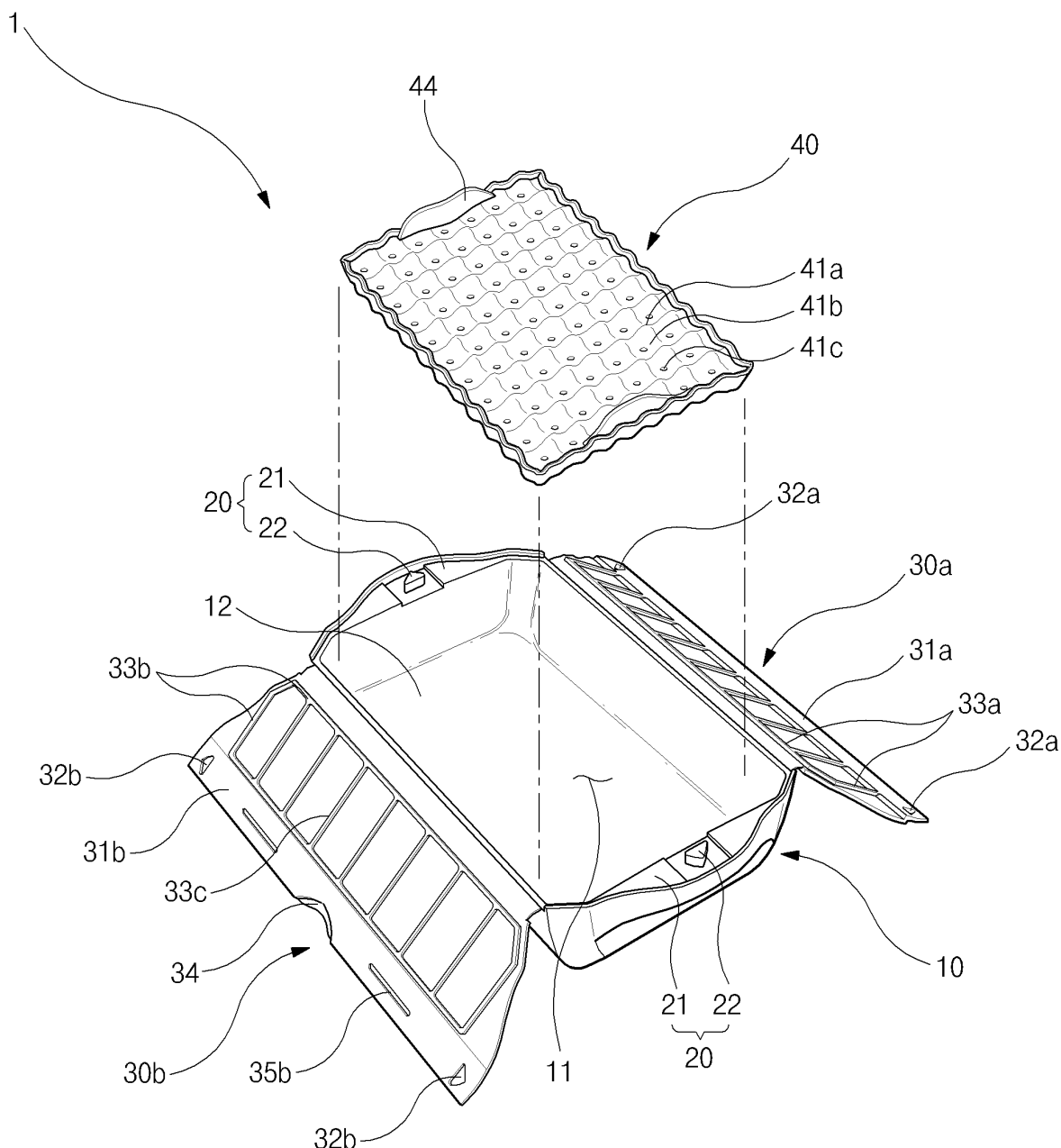
Family 109/200 - FAMPAT - ©Questel

Title

(KR200472141U)

A Silicon Pot

Images



Publication data including kind & date

KR200472141	Y1	2014-04-08	KR200472141U
KR20130006972	U	2013-12-04	KR20130006972U



Abstract

(KR20130006972)

The configuration of the present design, high pressure sodium lamp to be illuminated through an opening formed in the upper body of the receptacle housing; body at positions opposite to each other in each of the edges of the projections formed with outwardly projecting, projections protruding upward at the central portion of the coupling of a pair of projections on the support; between the edges of the support body and each having one end rotatably formed to open and close the aperture, the other end opening in the central portion forms an overlap portion overlapping each other, the overlapping portion of both side parts of the coupling protrusion is inserted into a coupling hole formed in each of a pair of cover parts; characterized in that it comprises a. According to the present design, light weight of both the body and the lid is made of silicon is provided and the body and the lid is not separated from each other by integrally formed, it is easy to handle user convenience can be significantly increasing the effect of the invention. In addition, an overlapping portion, the first protrusion 1, 2 closed, and the covering lid protrusion through groove inside an organic silicon vapor is emitted to the outside heat adequately prevent steam and to promote rapid cooking vortex train is enabled if there is an effect.

Inventors

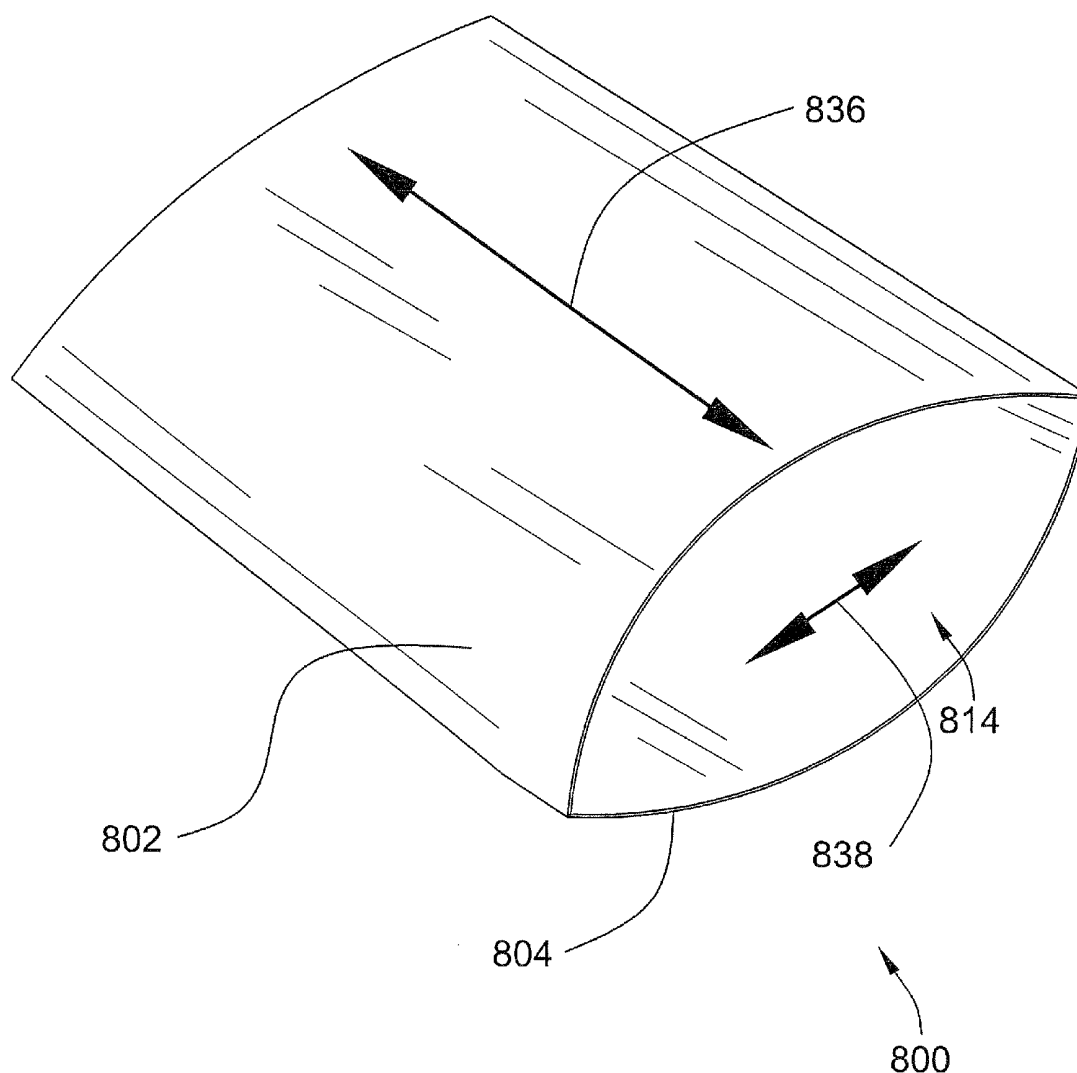
KIM, BYUNG-KI

Family 110/200 - FAMPAT - ©Questel

Title

(WO2007146651)

Microwavable bag or sheet material

Images**Publication data including kind & date**

US9254061	B2	2016-02-09	US9254061
US20090200294	A1	2009-08-13	US20090200294
WO2007/146651	A3	2008-12-11	WO2007146651
WO2007/146651	A2	2007-12-21	WO2007146651

**Abstract**

(WO2007/146651)

A microwave material (1820) having a structure that may be used to enhance the browning and crisping, and thus improve the taste and appearance, of a food item (2634) cooked therein. The material (1820) may be in the form of a sheet material or formed as a container such as a bag (2600), pouch, or other suitable structure. The material (1820) may comprise one or more features that help bring the material into close contact with the food item and help conform the bag (2600) around the food item (2634).

Inventors

MAXWELL JASON R

HARL KARA L

Latest standardized assignees - inventors removed

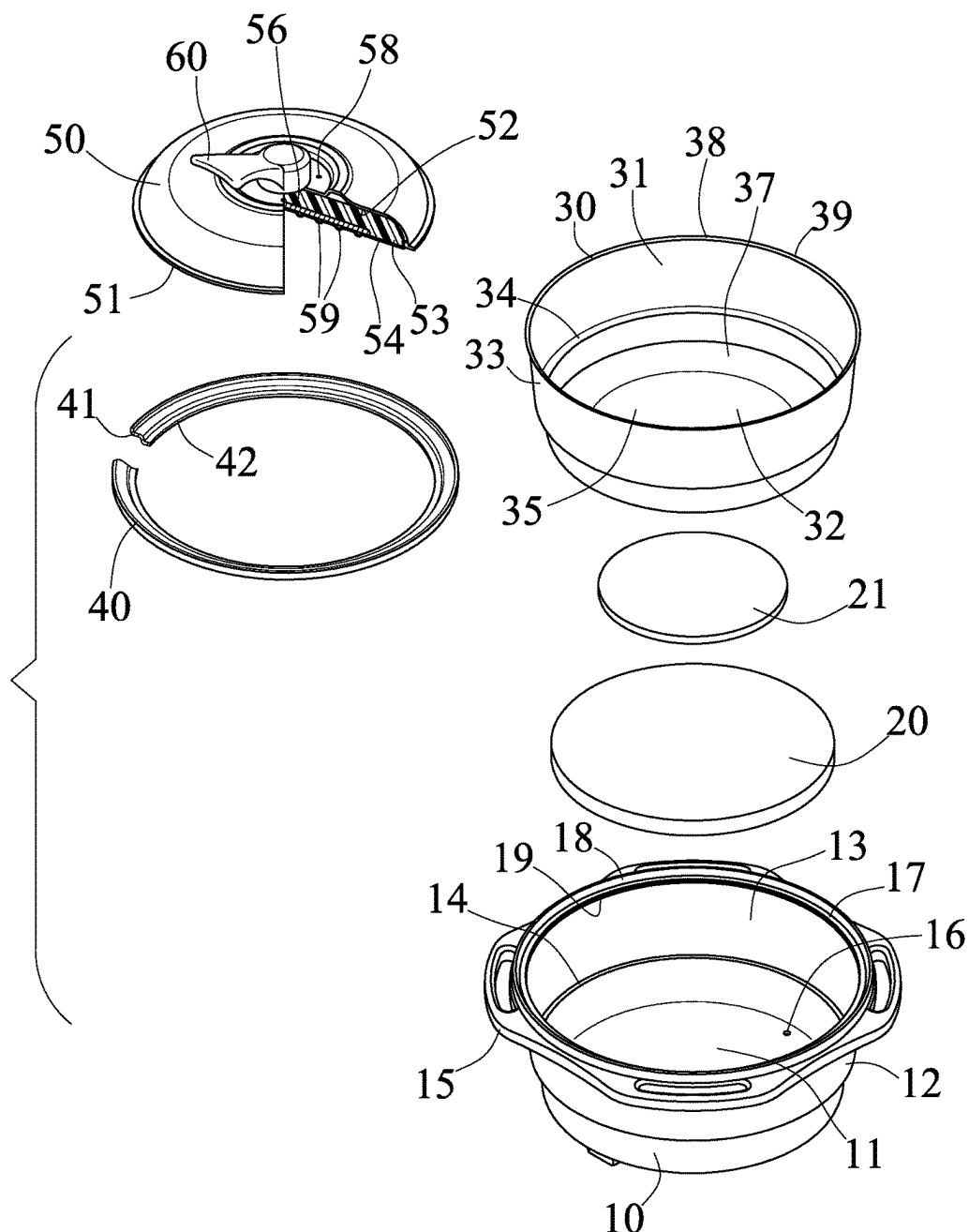
GLAD PRODUCTS

Family 111/200 - FAMPAT - ©Questel

Title

(US20160367074)

Container for microwave oven cooking

Images**Publication data including kind & date**[US20160367074](#)

A1 2016-12-22

US20160367074

**Abstract**

(US20160367074)

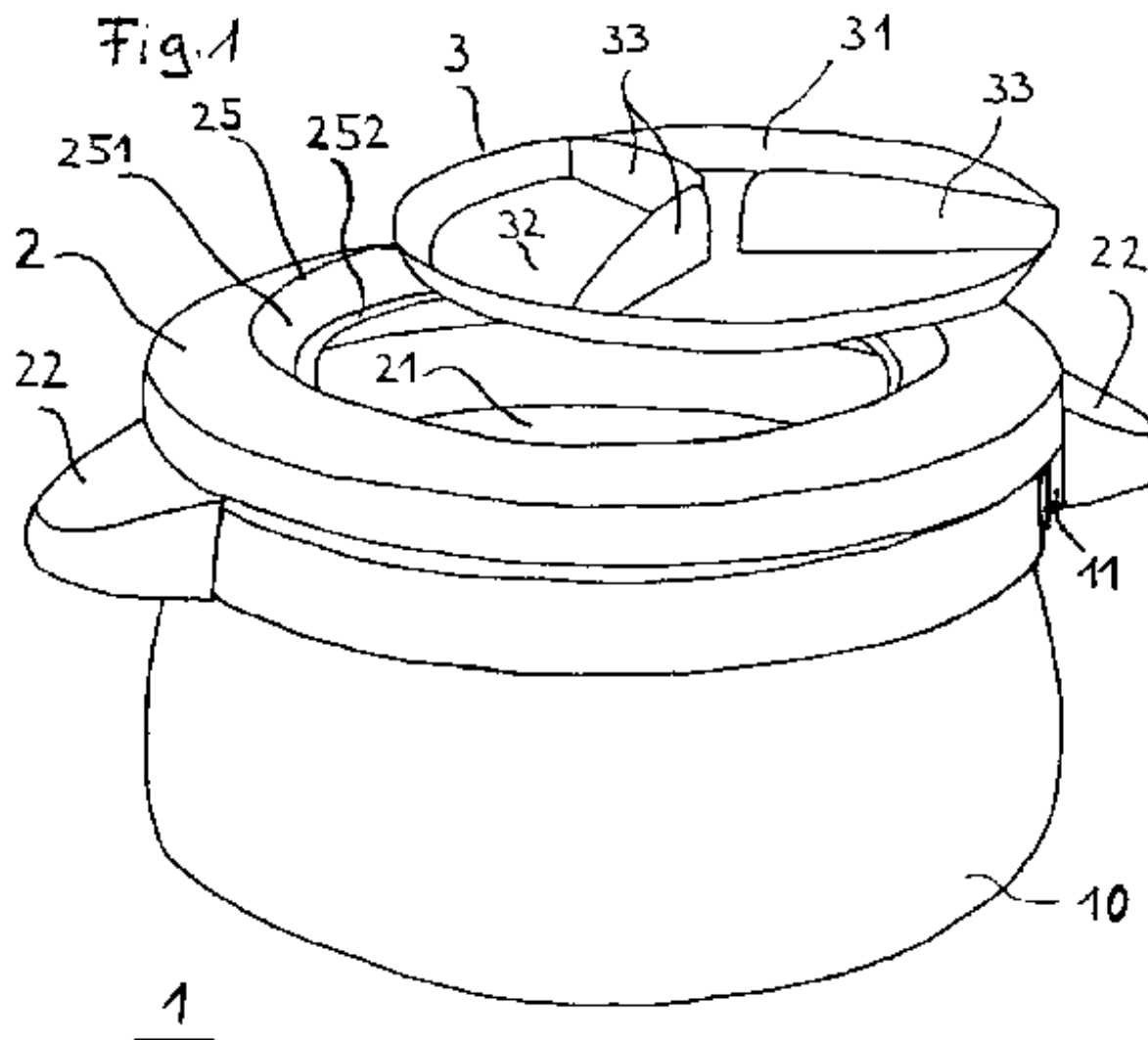
A container device includes a receptacle having a bottom wall and an outer peripheral wall for forming a chamber to engage with a heat conductive member, a housing is engaged into the receptacle and includes an inner peripheral flange, a cap is selectively engaged with the receptacle, and a cover is selectively engaged with an inner peripheral portion of the

cap for selectively engaging onto the cap when the cap is engaged onto the receptacle, and the cover is engageable into the housing and engageable with the inner peripheral flange of the housing when the cap is disengaged from the receptacle for providing different food cooking effect to the microwave oven cooking.

Inventors

KAO CHIA LIN

Family 112/200 - FAMPAT - ©Questel

Images**Publication data including kind & date**[DE9201599](#)

U1 1992-04-23 DE9201599

**Latest standardized assignees - inventors removed**

HP HAUSHALTSPRODUKTE

Family 113/200 - FAMPAT - ©Questel

Title

(EP2204114)

Microwave steam cooking container system

Images

shielding material encapsulated between said inner and outer wall portions, a cover comprising an inner wall portion and an outer wall portion, and a microwave shielding material encapsulated between said cover inner and said cover outer wall portions, wherein said food container is stacked and removably placed within said water reservoir, wherein in the assembled position the foodstuff to be cooked is shielded from cooking by direct exposure to microwave energy.

Inventors

BACKAERT DIMITRI M C J

DEMUYNCK MAARTKIN

Latest standardized assignees - inventors removed

DART INDUSTRIES

Family 114/200 - FAMPAT - ©Questel

Title

(EP2177457)

Vacuum container

Images

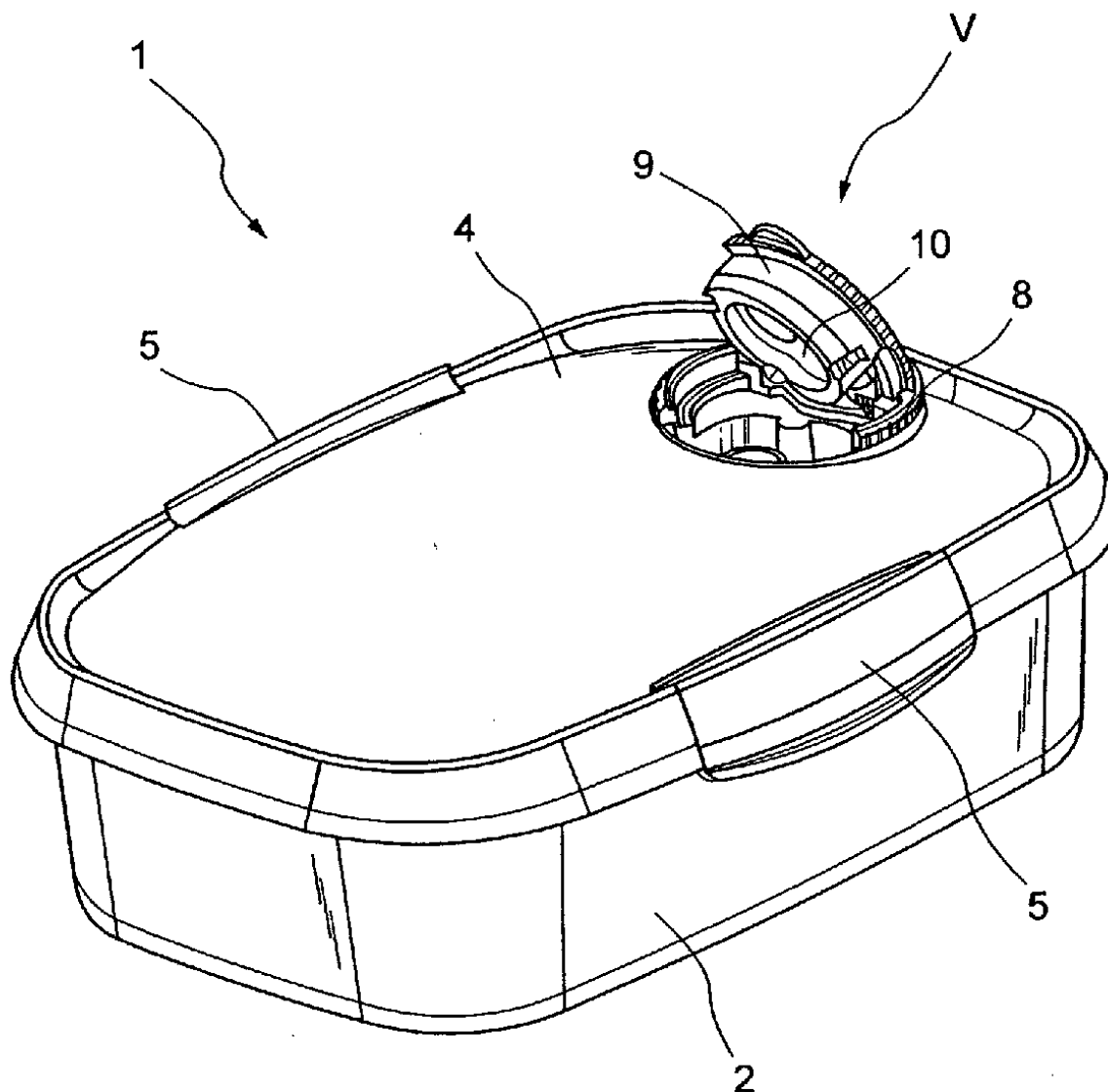


Fig. 9

Publication data including kind & date

[EP2177457](#)

A1 2010-04-21 EP2177457



Abstract

(EP2177457)

Container for the cooking and/or reheating and/or conservation of food comprising a main body, a lid and at least one combined system for creating vacuum and/or regulating the humidity and/or internal pressure, comprising at least one valve and at least one housing, in which said valve (V) can assume at least one vacuum position, one microwave position and one cleaning position.

Inventors

ALITO GIUSEPPE

Latest standardized assignees - inventors removed

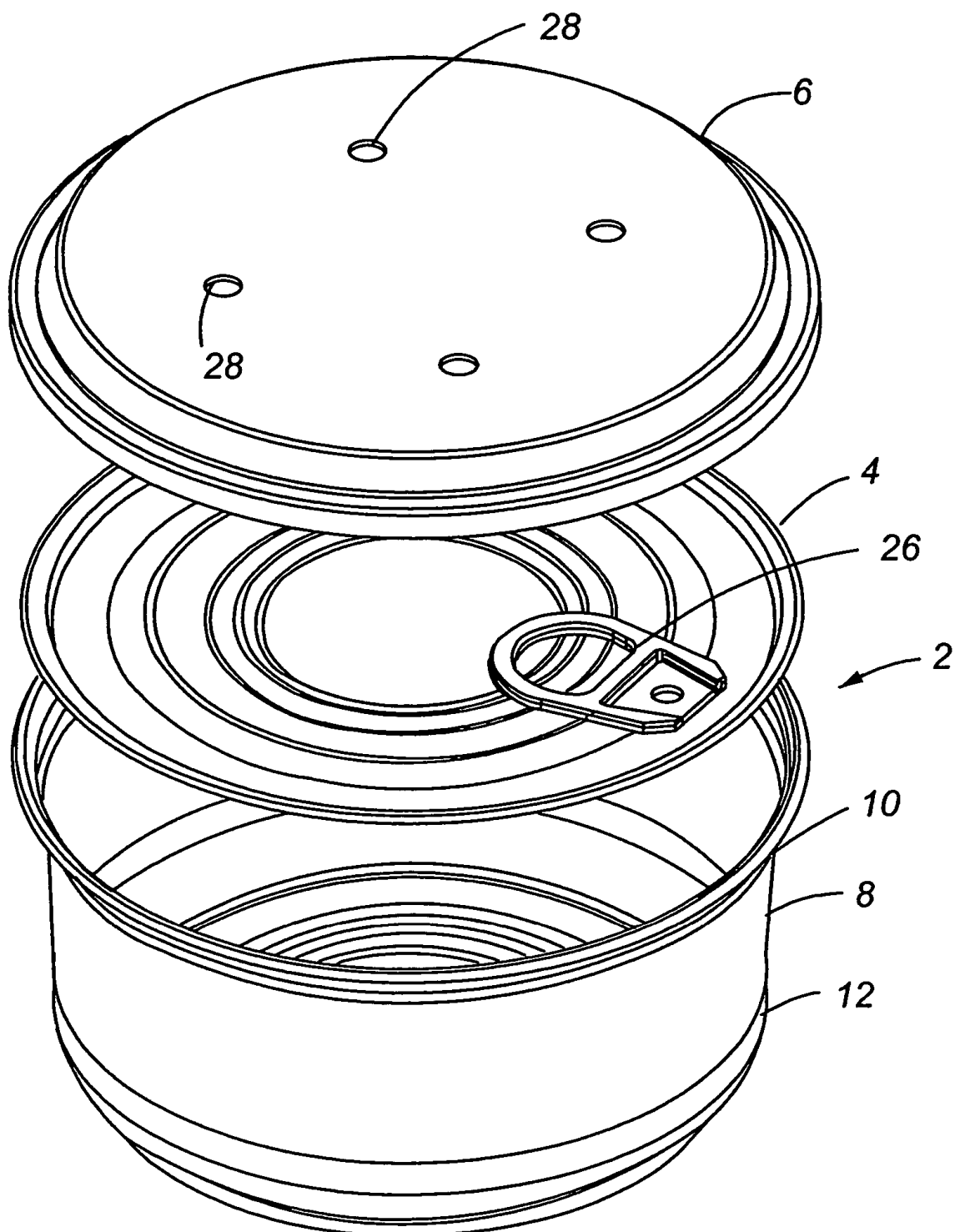
GIO STYLE LIFESTYLE

Family 115/200 - FAMPAT - ©Questel

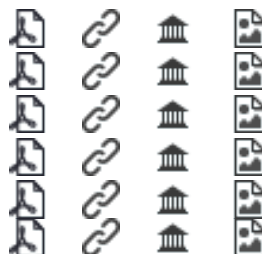
Title

(EP1731001)

Microwavable metallic container

Images**Publication data including kind & date**

BRPI0508139	A2	2013-04-02	BR200508139
CA2600961	C	2012-01-17	CA2600961
AU2005227549	B2	2011-05-12	AU2005227549
EP1731001	A4	2008-11-19	EP1731001
BRPI0508139	A	2007-12-18	BR200508139



JP2007528262	A	2007-10-11	JP2007528262
BRPI0508139	A1	2007-03-20	BR200508139
MXPA06010291	A	2007-01-19	MX2006PA010291
EP1731001	A1	2006-12-13	EP1731001
US7112771	B2	2006-09-26	US7112771
WO2005/096674	A1	2005-10-13	WO200596674
AU2005227549	A1	2005-10-13	AU2005227549
CA2600961	A1	2005-10-13	CA2600961
US20050199617	A1	2005-09-15	US20050199617

**Abstract**

(EP1731001)

The present invention relates to metallic containers for food and beverage products, and more specifically, a substantially metallic container (2) with a microwavable transparent portion (14) and a selectively removable metallic lid (4), wherein the container (2) can be used in a conventional microwave oven.

Inventors

RICHARDSON MICHAEL

KAANTA JASON

HIRSCH VINCENT

Latest standardized assignees - inventors removed

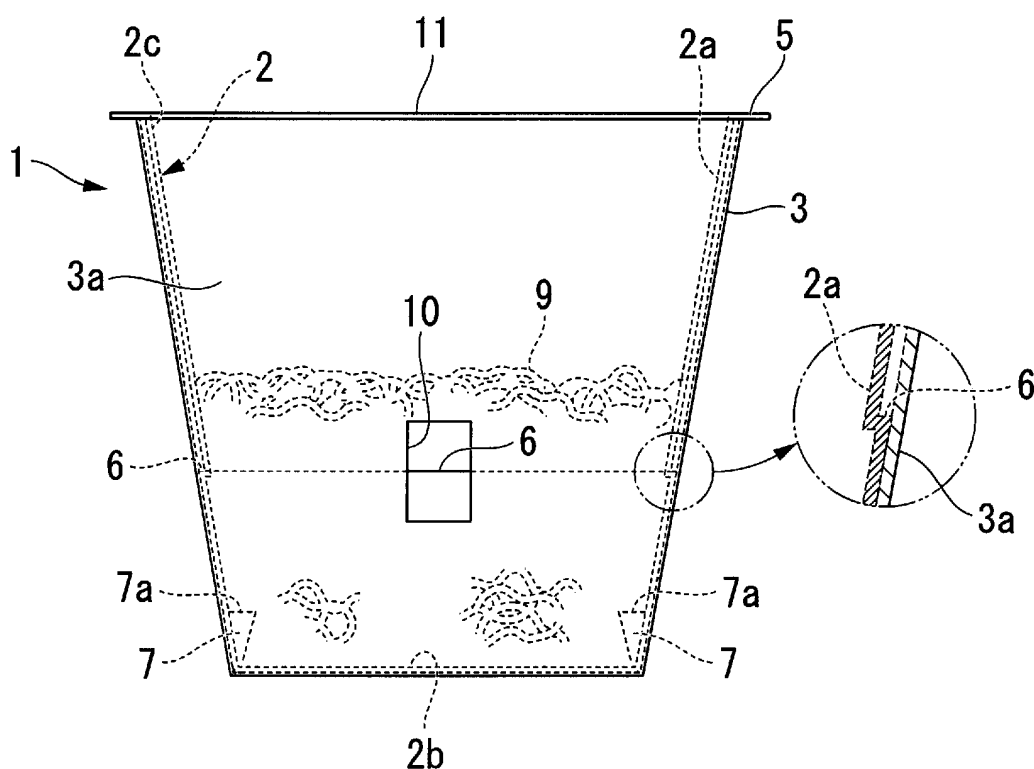
BALL METALPACK

Family 116/200 - FAMPAT - ©Questel

Title

(WO2013146592)

Instant food packaged in container, method for cooking instant food packaged in container, and container for instant food

Images**Publication data including kind & date**[HK1186717](#)

A1 2017-03-03 HK1186717



CN103359398	B	2016-04-20	CN103359398B
JPWO2013146592	A1	2015-12-14	JP2013146592W
CN103359398	A	2013-10-23	CN103359398
WO2013/146592	A1	2013-10-03	WO2013146592
CN202828508	U	2013-03-27	CN202828508U

**Abstract**

(WO2013/146592)

An instant food packaged in a container according to the present invention comprises: an outer paper container (3) provided with an opening window (10) that is formed in the sidewall; an inner container (2) comprising a transparent or lucent synthetic resin, said inner container being fitted in the outer paper container (3) and sealed with a lid (11) and the outer paper container (3); the instant food enclosed in the inner container (2), when heated in a microwave oven, said instant food being reconstituted by absorbing water that is added into the inner container (2); and a waterline formed at a position corresponding to the opening window (10) of the outer paper container (3), said waterline being positioned below the upper face of the instant food packaged in the inner container (2), to set the level of water that is added into the inner container (2).

Inventors

MATSUMURA TAIJI

IKEDA KYUTARO

Latest standardized assignees - inventors removed

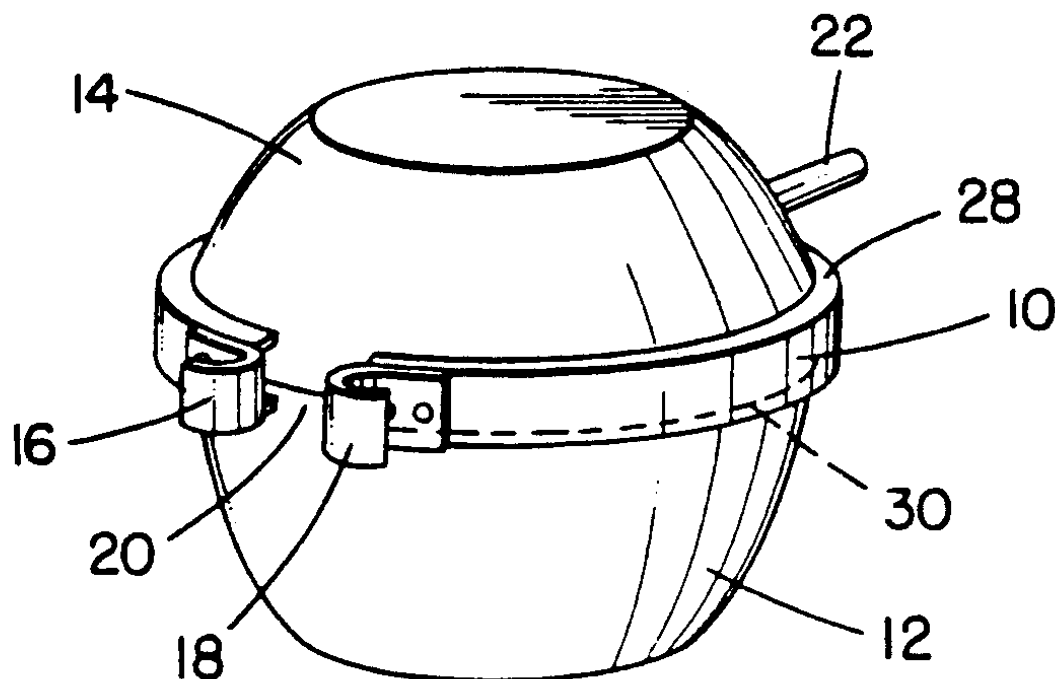
NISSIN FOODS

Family 117/200 - FAMPAT - ©Questel

Title

(US4998000)

Closure device for microwavable vessels

Images**Publication data including kind & date**[US4998000](#) A 1991-03-05 US4998000**Abstract**

(US4998000)

A closure device is provided and generally comprises a "U" shaped structural member preformed to a size and shape suitable to join two vessels into a microwavable utensil. The closure device has opposed finger grips and a rod shaped handle for moving and handling the microwavable utensil formed by the closure device. The plastic or metal material from which the closure device is made is resilient so that when the closure is deformed, placed in position around the two vessels and then released it will return to its original preformed shape securing the two vessels in position. The lower and upper vessels joined together by the closure device are held in place by the legs of the "U" shaped structural member. The legs are applied horizontally around most but not all of the periphery of the joined vessels with the upper leg restraining the upper vessel and the lower leg restraining the lower vessel, and with the relationship of the upper and lower vessels being maintained by the web of the "U" channel which is attached to the upper and lower restraining legs. The closure device does not enclose the entire periphery of the two vessels to be joined which results in a small open section of periphery defined by the two ends of the closure device. This space so defined serves the function of providing a device of venting the interior of the utensil to the atmosphere.

Inventors

HALLORAN EDWARD J

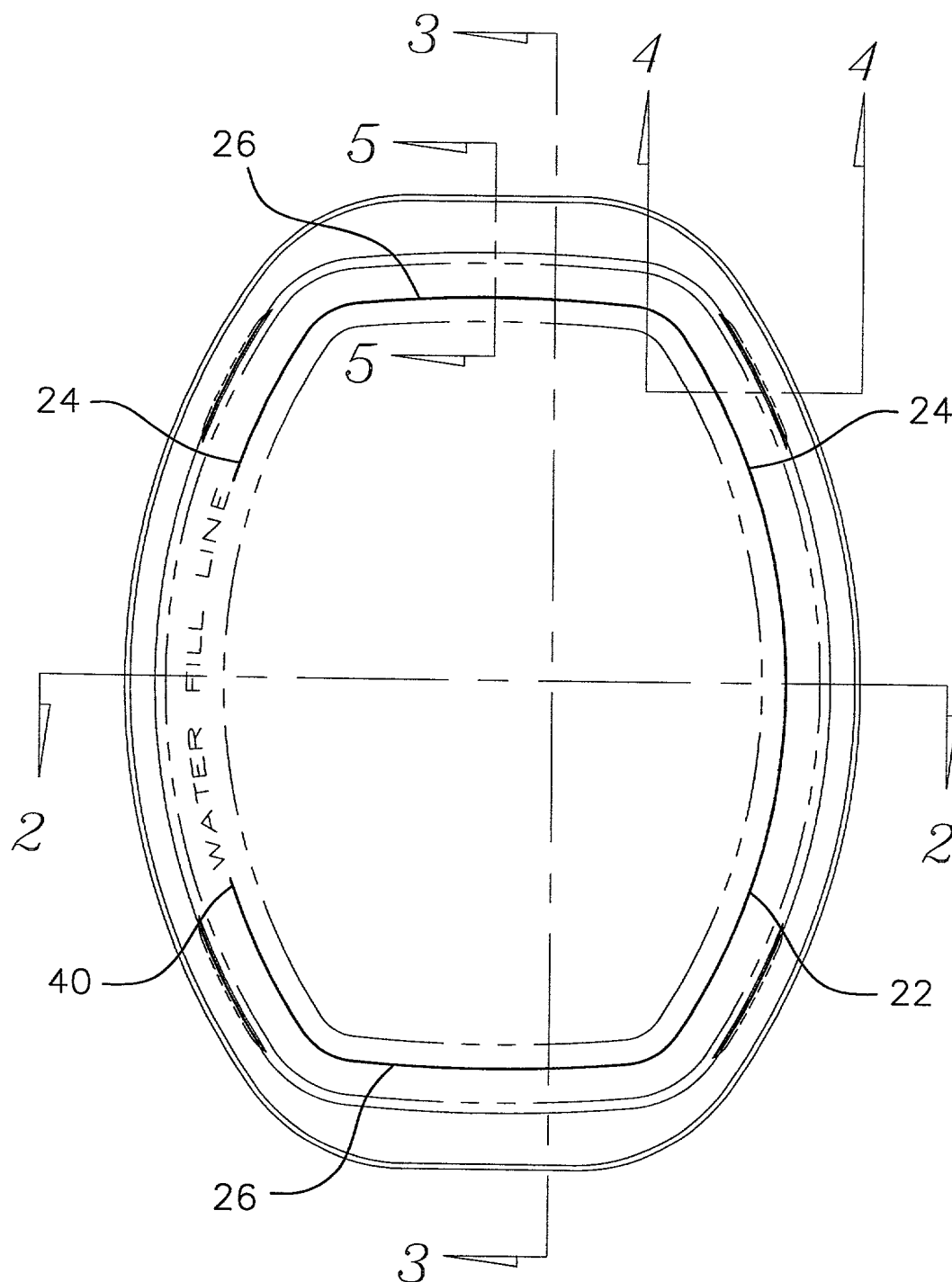
Family 118/200 - FAMPAT - ©Questel

Title

(US20030068411)

Microvaveable pasta product

Images

FIG. 1**Publication data including kind & date**[US20030068411](#)

A1 2003-04-10

US20030068411

**Abstract**

(US20030068411)

A microwaveable pasta product is provided. The product comprises a dried pasta product in a microwaveable container. The microwaveable container comprises a bowl having a generally-ovular bottom and a generally-ovular outer wall in generally-perpendicular relation to the circumference of the generally-ovular bottom. The bottom and outer wall together define a cavity in which the dried pasta product is contained. The container accommodates foam expansion without sacrificing product appearance or shelf space.

Inventors

MCCALLISTER PATRICK E

OSIP THOMAS W

HYMAN NIKIA J

Latest standardized assignees - inventors removed

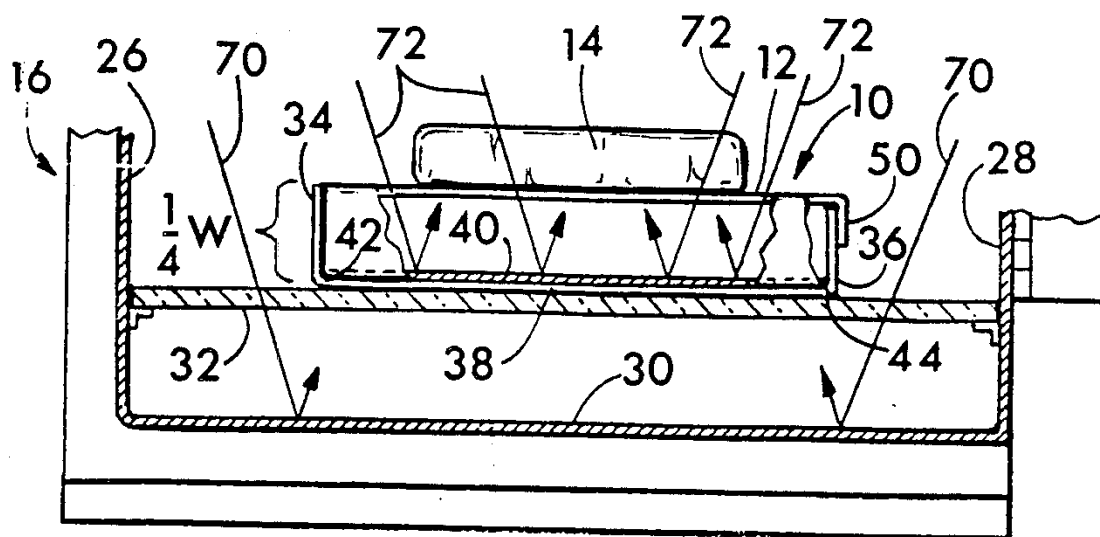
CONAGRA GROCERY PRODUCTS

Family 119/200 - FAMPAT - ©Questel

Title

(US4642434)

Microwave reflective energy concentrating spacer

Images**Publication data including kind & date**[US4642434](#)

A 1987-02-10 US4642434

**Abstract**

(US4642434)

A microwave reflective energy concentrating spacer is provided which consists of a horizontally disposed article supporting surface and a microwave reflector such as a sheet of metal foil spaced about $\frac{1}{4}$ of a wave length of the supplied microwave energy below the supporting surface. The spacer can be formed from flexible packaging materials such as paperboard panels to which the aluminum foil is bonded to form the reflective surface.

Inventors

COX DAVID H

ANDREAS DAVID W

WATKINS JAMES D

Latest standardized assignees - inventors removed

GOLDEN VALLEY FOODS

Family 120/200 - FAMPAT - ©Questel

Title

(GB2509951)

Stirring device for use in a microwave

Images

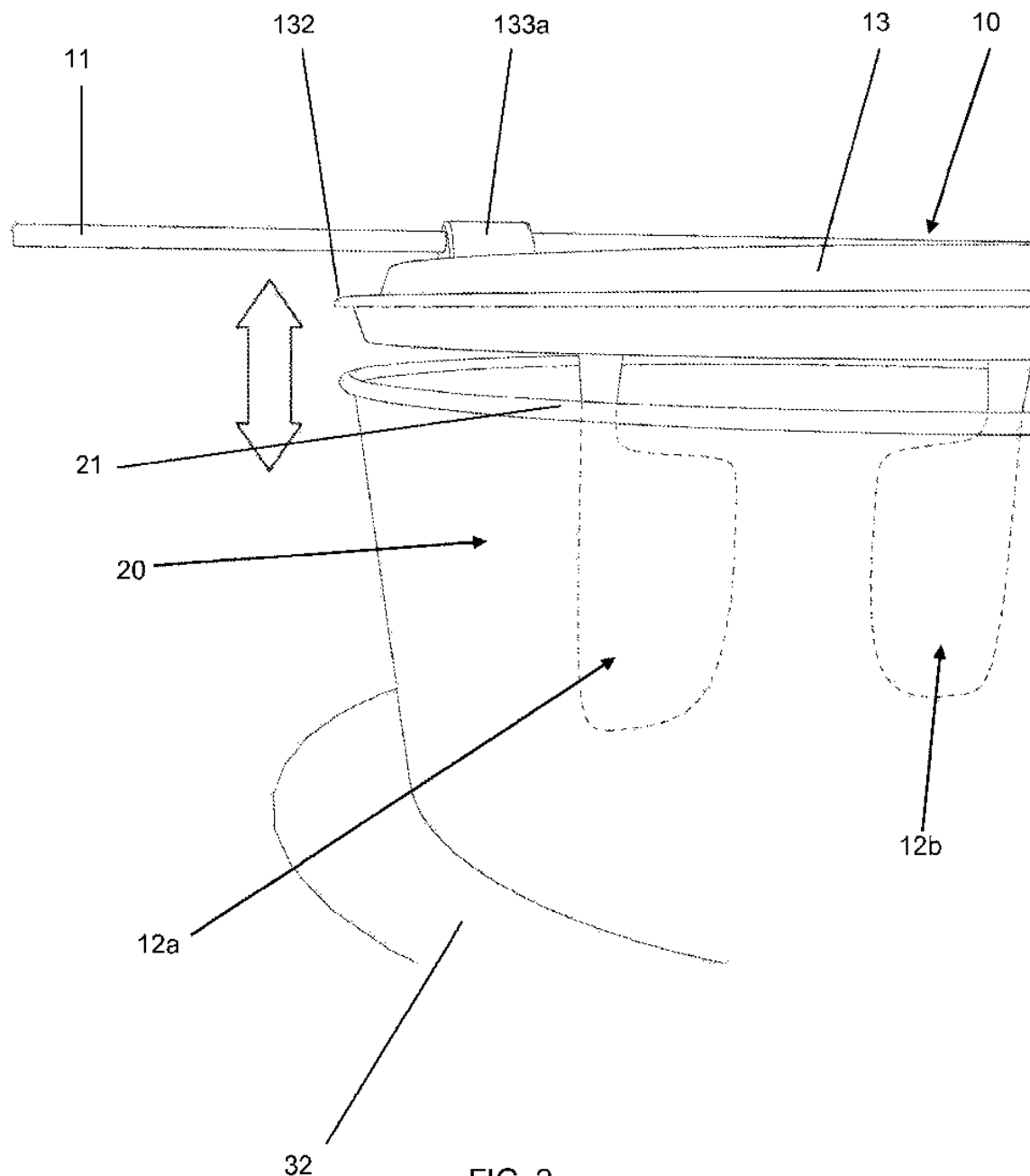


FIG. 2

Publication data including kind & date

GB2509951	A	2014-07-23	GB2509951
GB201300935	D0	2013-03-06	GB201300935

**Abstract**

(GB201300935)

A stirring device 10 for use in a microwave oven comprises a support 11 and a stirring member 12a that extends from the support 11 and is adapted for stirring the contents of a receptacle 20. In use, the receptacle 20 is rotated by the microwave oven and the support 11 engages with an interior wall (31, Fig.5) of the microwave oven and thereby remains stationary. Relative motion between the receptacle 20 and the stirring device 10 is thereby achieved, effecting stirring of the contents of the receptacle 20 by the stirring member 12a of the device 10. The device may comprise a lid 132 to cover the bowl 20. The support may have a fixed length or may have a variable length. The support may extend between and engage two opposite walls of the oven.

Inventors

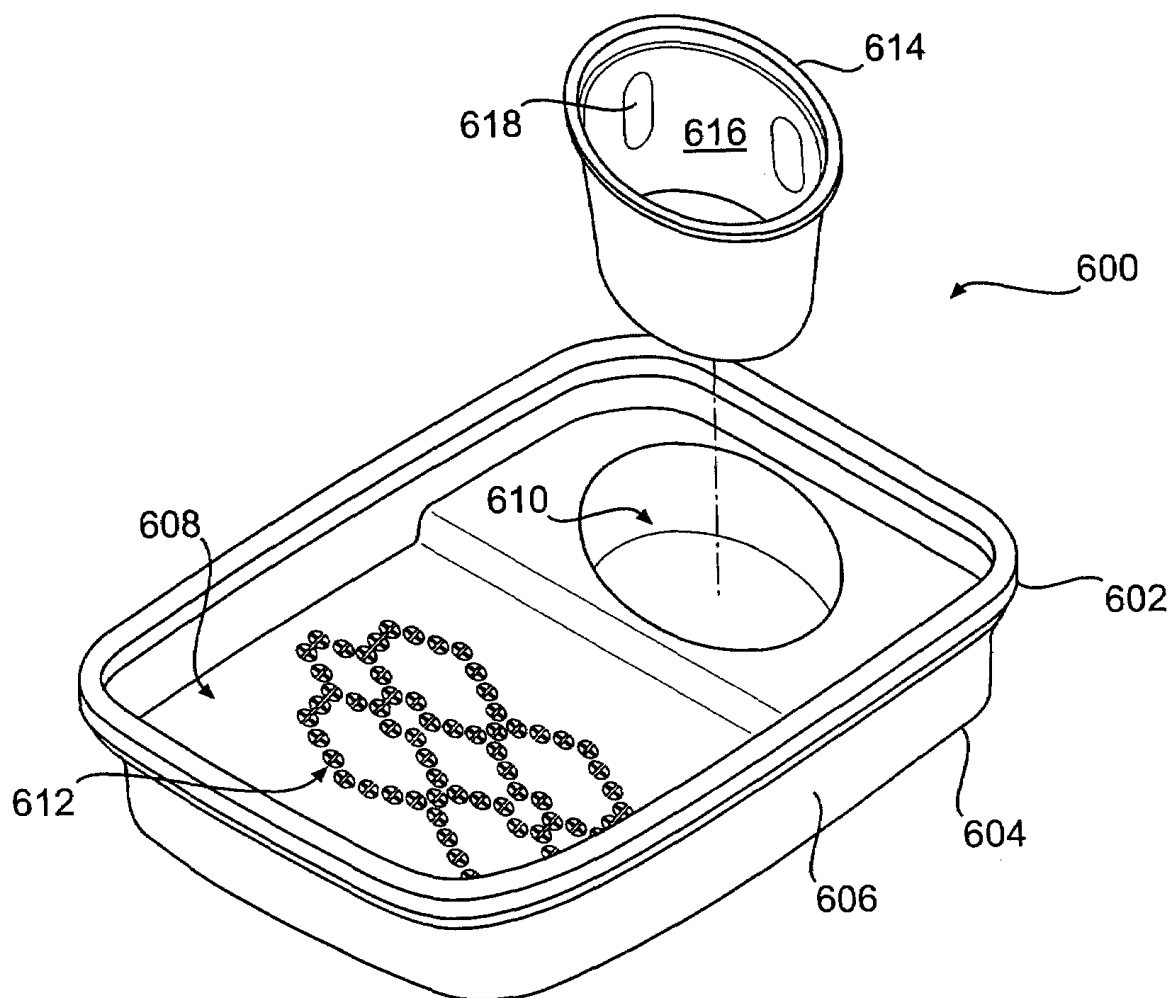
GREENSTREET DAVID MARK

Family 121/200 - FAMPAT - ©Questel

Title

Microwave heating construct for frozen liquids and other items

Images



EP2724593	A4	2015-07-01	EP2724593
JP2014516458	A	2014-07-10	JP2014516458
EP2724593	A2	2014-04-30	EP2724593
WO2012/141864	A3	2012-12-06	WO2012141864
WO2012/141864	A2	2012-10-18	WO2012141864
CA2831999	A1	2012-10-18	CA2831999
ES2388717	T3	2012-10-17	ES2388717
EP2284099	B1	2012-08-22	EP2284099
JP4856176	B2	2011-11-04	JP4856176
CA2607402	C	2011-11-01	CA2607402
US20110204046	A1	2011-08-25	US20110204046
DE602006020282	D1	2011-04-07	DE602006020282
AT499314	T	2011-03-15	ATE499314
EP1904383	B1	2011-02-23	EP1904383
EP2284099	A1	2011-02-16	EP2284099
US20090084781	A1	2009-04-02	US20090084781
US7476830	B2	2009-01-13	US7476830
JP2008545589	A	2008-12-18	JP2008545589
EP1904383	A2	2008-04-02	EP1904383
WO2006/128156	A8	2008-03-20	WO2006128156



WO2006/128156	A3	2007-03-29	WO2006128156
US20060289522	A1	2006-12-28	US20060289522
WO2006/128156	A2	2006-11-30	WO2006128156
CA2607402	A1	2006-11-30	CA2607402

**Abstract**

(EP2724593)

Various constructs and methods are provided for heating a plurality of different food items to their respective desired serving temperatures in a microwave oven in about the same amount of time.

Inventors

MIDDLETON SCOTT W

COLE LORIN R

WNEK PATRICK H

Latest standardized assignees - inventors removed

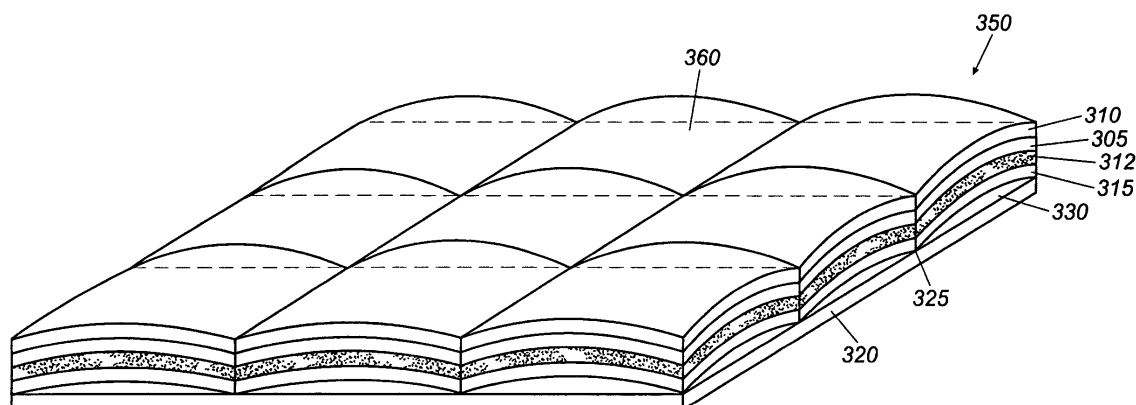
GRAPHIC PACKAGING

Family 122/200 - FAMPAT - ©Questel

Title

(US7323669)

Microwave interactive flexible packaging

Images**Publication data including kind & date**

US8866054	B2	2014-10-21	US8866054
US8563906	B2	2013-10-22	US8563906
US20120152941	A1	2012-06-21	US20120152941
US8158914	B2	2012-04-17	US8158914
US20110147377	A1	2011-06-23	US20110147377
US7923669	B2	2011-04-12	US7923669
US20080078759	A1	2008-04-03	US20080078759
US7351942	B2	2008-04-01	US7351942
US7323669	B2	2008-01-29	US7323669
US20070251943	A1	2007-11-01	US20070251943
US20060113300	A1	2006-06-01	US20060113300
US20050230384	A1	2005-10-20	US20050230384

**Abstract**

(US20050230384)

A package configured to receive a food item for storage and heating therein is disclosed. The package includes an opening

and a closure mechanism and comprises an insulating microwave material. A plurality of packages in a stacked relation also is provided.

Inventors

ROBISON RICHARD G

COLE LORIN R

BOHRER TIMOTHY H

MIDDLETON SCOTT W

LAFFERTY TERRENCE P

O'HAGAN BRIAN R

WNEK PATRICK H

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

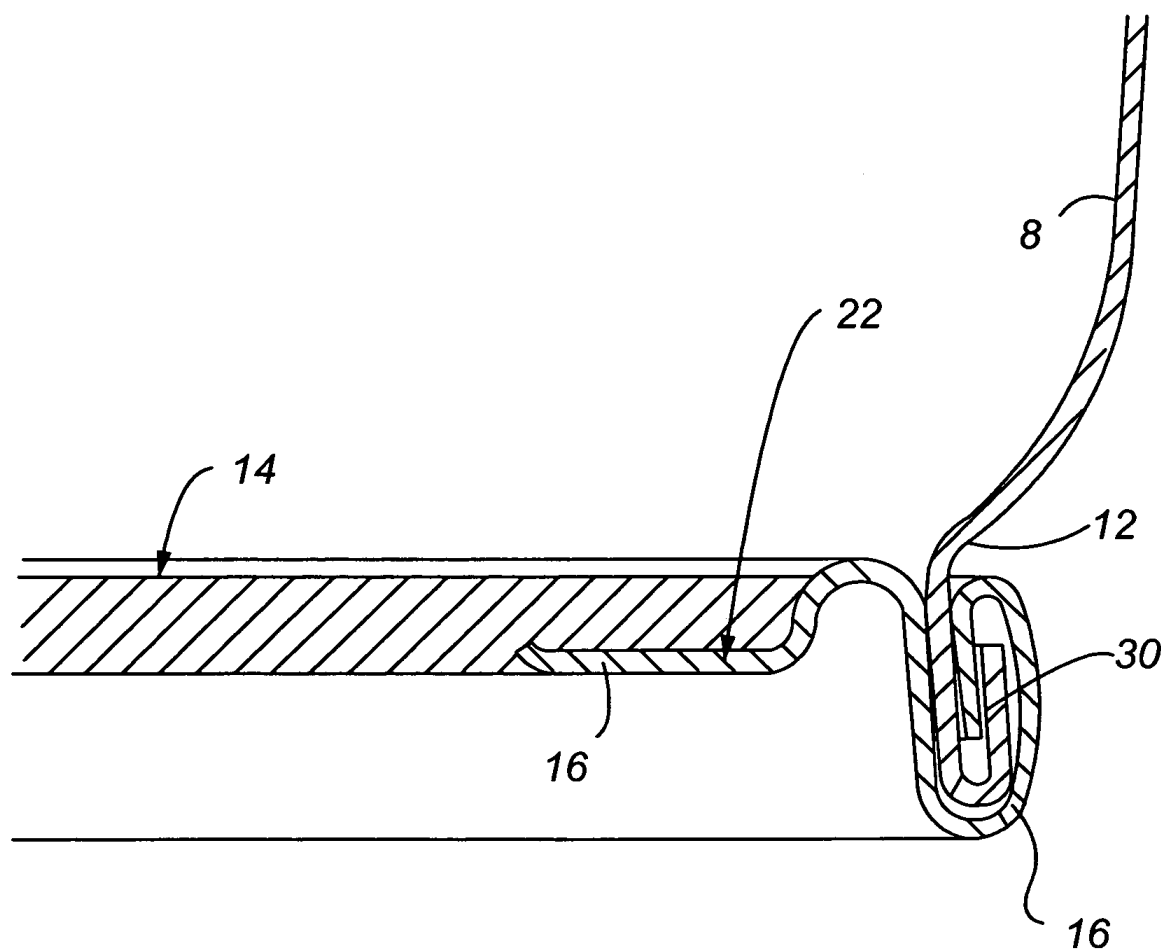
BLUEGRASS LABELS

Family 123/200 - FAMPAT - ©Questel

Title

(EP1859652)

Microwavable metallic container

Images**Publication data including kind & date**

CA2598697	C	2013-01-08	CA2598697
US7812292	B2	2010-10-12	US7812292
AU2006216587	B2	2010-03-11	AU2006216587



BRPI0608048	A2	2009-11-03	BR200608048				
EP1859652	A4	2009-10-21	EP1859652				
JP2008531405	A	2008-08-14	JP2008531405				
US7378625	B2	2008-05-27	US7378625				
IL185393	A	2008-02-09	IL-185393				
EP1859652	A2	2007-11-28	EP1859652				
MX2007010274	A	2007-11-07	MX2007010274				
US20070108197	A1	2007-05-17	US20070108197				
US20070108198	A1	2007-05-17	US20070108198				
US20070108196	A1	2007-05-17	US20070108196				
US20070102425	A1	2007-05-10	US20070102425				
WO2006/091821	A3	2007-03-01	WO200691821				
WO2006/091821	A2	2006-08-31	WO200691821				
AU2006216587	A1	2006-08-31	AU2006216587				
CA2598697	A1	2006-08-31	CA2598697				
US20050199619	A1	2005-09-15	US20050199619				

Abstract

(EP1859652)

A method for processing, storing and heating food stuffs in a partially metal microwaveable bowl (2), and more specifically, a substantially metallic stackable container with a microwaveable transparent portion (14) and a selectively removable lid (6), wherein the same container (2) can be used to store, ship, heat, and serve a foodstuff to a consumer.

Inventors

RICHARDSON MICHAEL

KAANTA JASON

HIRSCH VINCENT

Latest standardized assignees - inventors removed

BALL AEROSOL & SPECIALTY CONTAINER

BALL METALPACK

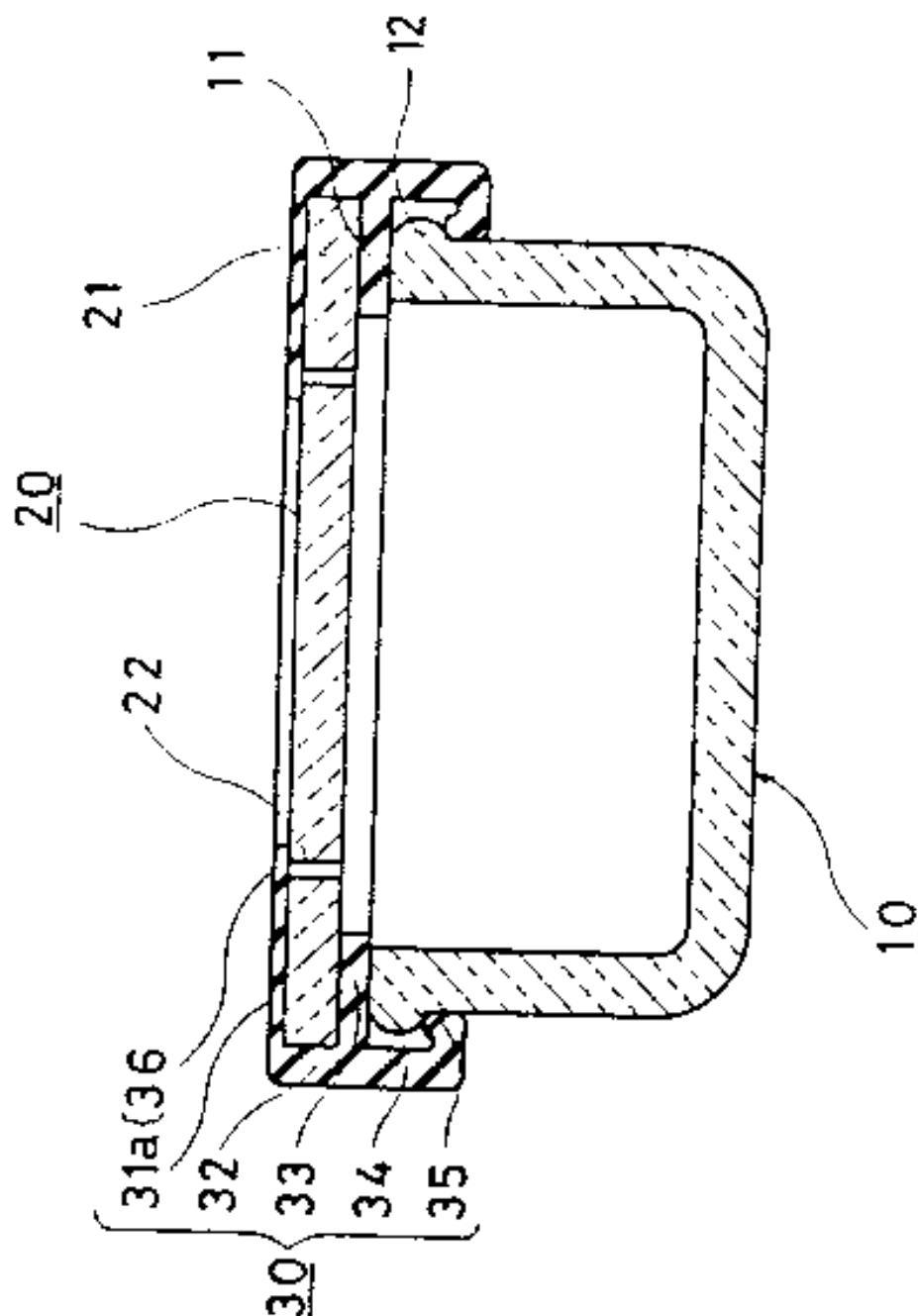
Family 124/200 - FAMPAT - ©Questel

Title

(JP02180219)

Container for microwave oven

Images



Publication data including kind & date

JP3099015	B2	2000-10-16	JP3099015
JP02180219	A	1990-07-13	JP02180219



Abstract

(JP02180219)

PURPOSE: To enable heating various foods under the predetermined steam pressure, the audible confirmation of a heating condition and easy pressure release even if abnormal pressure occurs by constituting the container in the title with a container body, a lid body and a packing, and providing a through-hole in the lid body and a vibration valve member for sound generation at the outer edge of the lid body.

CONSTITUTION: The container in the title is equipped with a container body 10 and a lid body 20 for covering the opening

BR8602916	A	1987-03-17	BR8602916
ZA8604720	B	1987-02-25	ZA8604720
AU5914986	A	1987-01-08	AU8659149
EP0206811	A2	1986-12-30	EP-206811
DK296886	A	1986-12-26	DK8602968
DK296886	D0	1986-06-24	DK8602968



Abstract

(EP0206811)

A container for heating material in a microwave oven, said container comprising a metal, for example aluminium, foil tray (100) having a bottom (102) and sides (104). Bottom (102) is formed with two rectangular apertures (106) and (108). The container lid (110) is formed of microwave transparent material and has two metallic, for example aluminium, plates (112) and (114) located thereon. The plates (112) and (114) are located in registry with the apertures (106) and (108) respectively. Each of the apertures (106) and (108) and plates (112) and (114) are operable to generate a microwave field pattern having a higher order than that of the container, said field pattern propagating into the container to heat the material. This is achieved in the arrangement illustrated by amplifying the 2nd order mode within the container which has been found to give improved heat distribution within the material being heated. Several other alternative arrangements are possible, some of which are illustrated in the specification.

Inventors

KEEFER, RICHARD M.

Latest standardized assignees - inventors removed

ALCAN INTERNATIONAL

Family 126/200 - FAMPAT - ©Questel

Title

(US4450334)

Microwave pizza maker

Images

US20150274400	A1	2015-10-01	US20150274400				
EP2906480	A1	2015-08-19	EP2906480				
CN104837743	A	2015-08-12	CN104837743				
WO2014/059290	A1	2014-04-17	WO201459290				
CA2888189	A1	2014-04-17	CA2888189				

Abstract

(EP2906480)

A microwavable food package may comprise a container comprising at least one sidewall, a first closed end and a second open end opposite the first closed end, the at least one sidewall and the first closed end together defining an interior volume configured to hold foodstuff. The microwavable food package may further comprise a cover configured to cover the open end. The at least one sidewall may comprise a composite including a microwave regulating material to regulate incident microwave radiation being transmitted through the at least one sidewall into the interior volume. The cover or the closed end of the container may comprise a microwave regulating material to regulate incident microwave radiation being transmitted through an end of the container into the interior volume.

Inventors

LORENCE MATTHEW

MASON TARYN

ROSENWALD DIANE

Latest standardized assignees - inventors removed

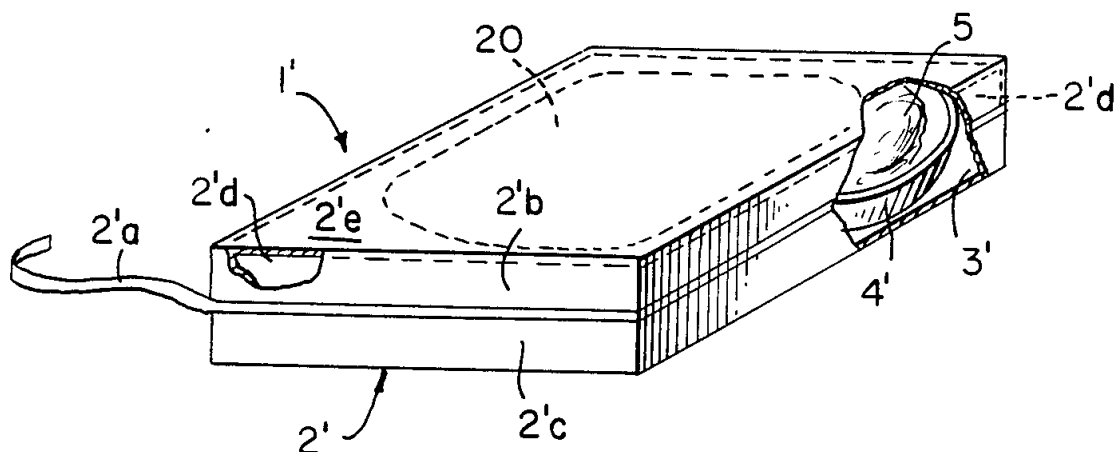
GENERAL MILLS

Family 128/200 - FAMPAT - ©Questel

Title

(US4555605)

Package assembly and method for storing and microwave heating of food

Images**Publication data including kind & date**

JPH05221467	A	1993-08-31	JP05221467				
JP1670818	C	1992-06-12	JP1670818				
JPH0246469	B2	1990-10-16	JP90046469				
AU4125789	A	1989-12-21	AU8941257				
AU590521	B2	1989-11-09	AU-590521				
CA1252826	A	1989-04-18	CA1252826				
US4742203	A	1988-05-03	US4742203				
US4612431	A	1986-09-16	US4612431				
JPS6169575	A	1986-04-10	JP61069575				

[AU4568885](#)

A 1986-02-06 AU8545688

[US4555605](#)

A 1985-11-26 US4555605

**Abstract**

(US4555605)

A packaged arrangement (1) contains a tray (4) which is convertible into a heating stand by inversion thereof. The walls of the tray are of a material that is transparent to microwave energy, but a support wall (10) which forms a bottom of the tray and top of the stand is provided with a liner of a microwave interactive layer that is formed of a material capable of converting microwave energy into heat. The tray (4) is configured so as to define a storage space for a predetermined quantity of food and to possess sufficient strength as to be able to support the predetermined quantity of food upon the support wall (10) in the inverted, heating stand condition thereof. A second packaged arrangement (1') comprises a recloseable package body (2') that may be used, at least in part, to form the enclosed air space and stand. In accordance with methods of use, food is removed from the package, at least one of the components of the packaged arrangement is formed into an air space enclosing heating stand, upon the floor of a microwave oven, and the food is placed upon this stand during microwave heating thereof.

Inventors

BROWN RICHARD K

SEIFERTH OSCAR E

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

Family 129/200 - FAMPAT - ©Questel

Title

(EP1398278)

Food container with easy open seal

Images

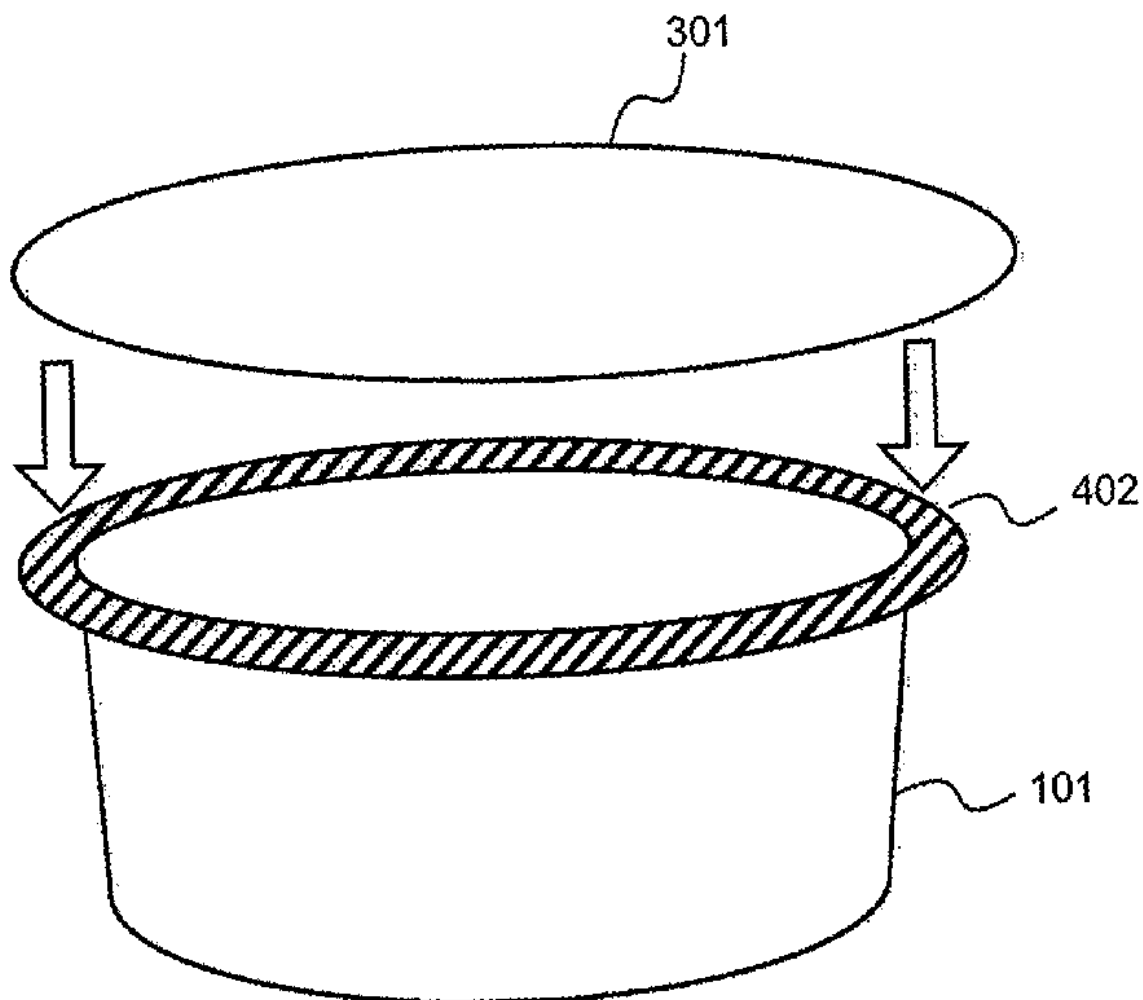


Fig. 4

Publication data including kind & date

EP1398278	A1	2004-03-17	EP1398278
GB2393091	A	2004-03-17	GB2393091
GB0221025	D0	2002-10-23	GB200221025



Abstract

(EP1398278)

Abstract

(US20030029865)

A kind of metal food-heating tray for microwave oven that comprising a metal tray, characterized in that insulating ears are symmetrically distributed on the edge of the metal tray. The eared metal food-heating tray for microwave oven in this utility model is scientific in design and reasonable in structure. The insulating ears on two sides of the tray can make the operation and utilization of metal tray more convenient and thereby the tray can be taken with hand regardless of the high temperature of the foods in the tray and the hotness of the tray itself. In order to make the metal food-heating tray applicable to microwave oven-used rotating trays made of different materials, insulating stands may be evenly distributed on the bottom surface of the eared metal food-heating tray for microwave oven in this utility model.

Inventors

ZHU C J

Latest standardized assignees - inventors removed

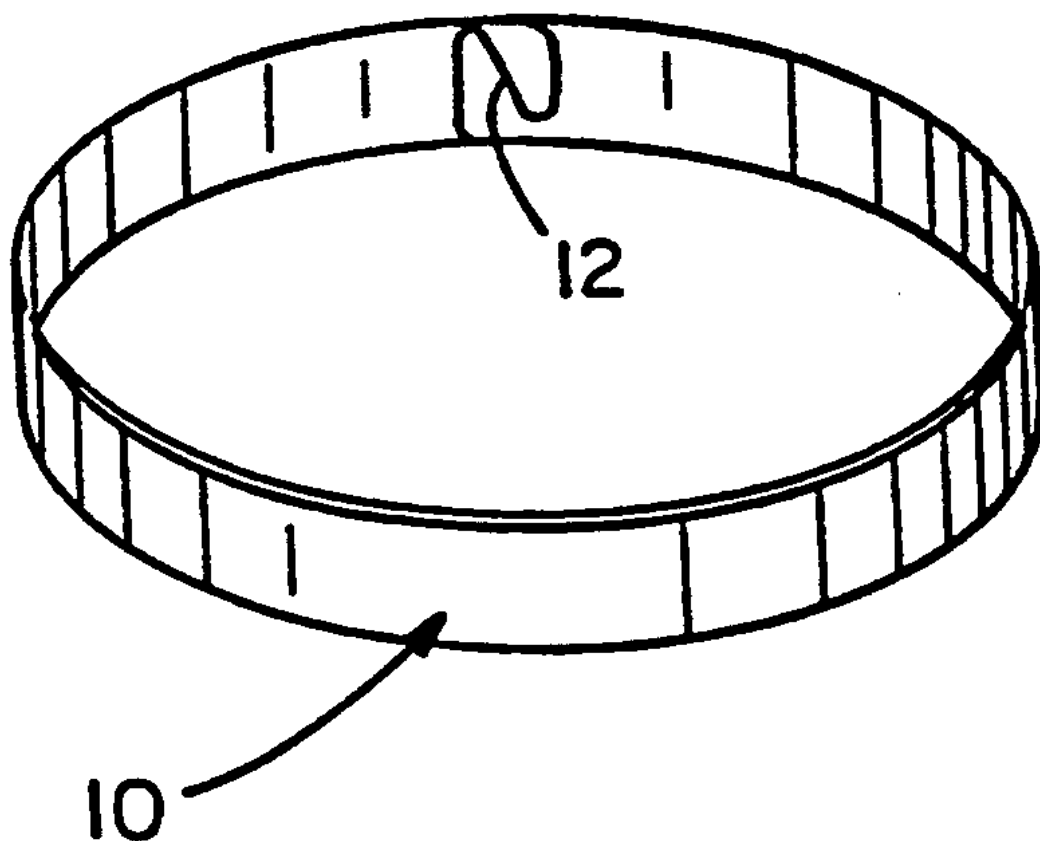
JINDA PLASTIC METAL PRODUCTS S

Family 131/200 - FAMPAT - ©Questel

Title

(EP-486221)

Method and apparatus for use in microwave heating.

Images**Publication data including kind & date**

CA2054671	C	2001-12-25	CA2054671
US5416304	A	1995-05-16	US5416304
NZ240552	A	1994-03-25	NZ-240552
AU645858	B2	1994-01-27	AU-645858
EP0486221	A1	1992-05-20	EP-486221
AU8783191	A	1992-05-14	AU9187831
CA2054671	A1	1992-05-14	CA2054671



Abstract

(EP0486221)

A device (10; 18; 38; 48; 52) and method are described for enhancing microwave heating of food items. The device (10; 18; 38; 48; 52) comprises an upstanding, microwave reflective wall. During cooking, the microwave reflective device (10; 18; 38; 48; 52) is maintained about the periphery of the food item (20; 40; 50; 54), while the space inward and above the wall is maintained free of obstructions to microwave radiation. A susceptor film (24; 46) may be employed beneath the food item (20; 40; 50; 54) during heating. The device (10; 18; 38; 48; 52) improves both rate and uniformity of heating. <IMAGE>

Inventors

DE LA CRUZ MARIJO O

ARENT LEE MATHEW

Latest standardized assignees - inventors removed

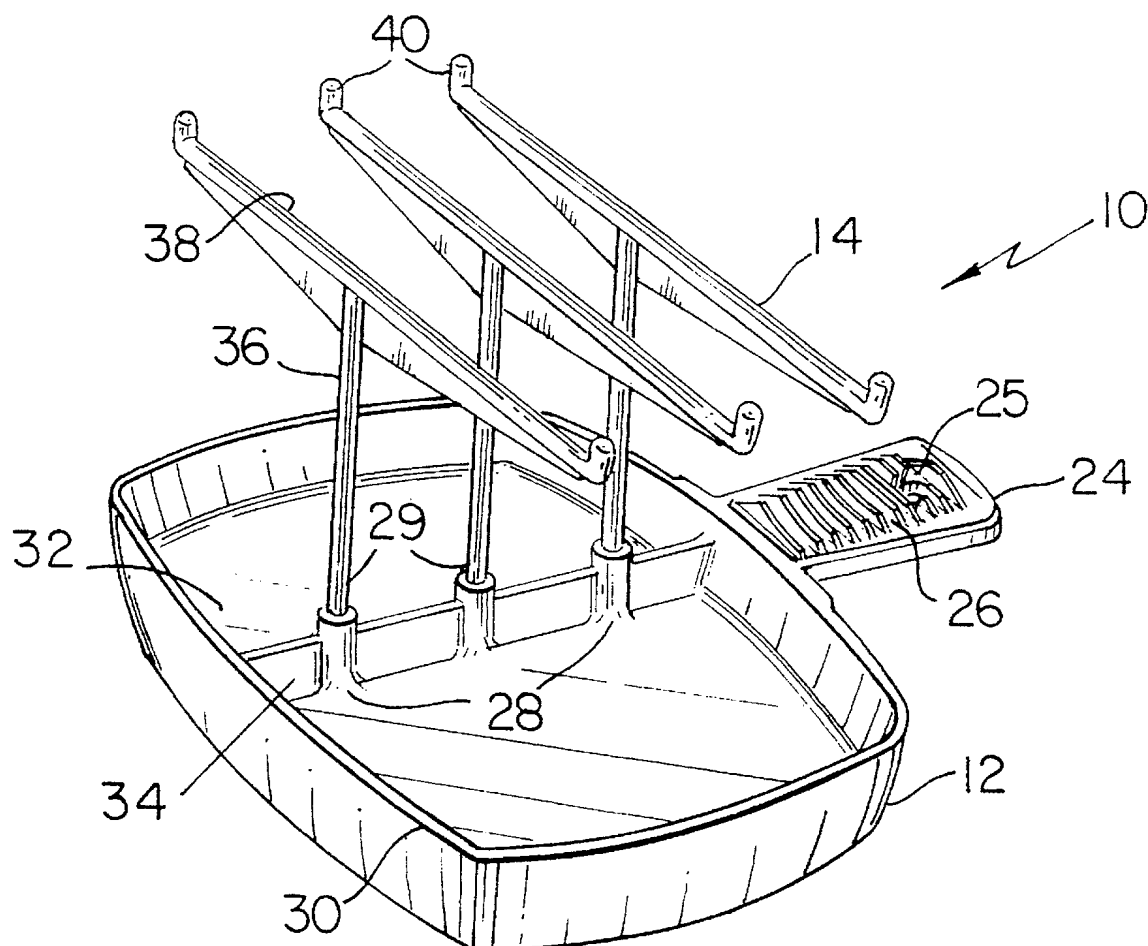
KRAFT FOODS

Family 132/200 - FAMPAT - ©Questel

Title

(US5552585)

Microwave cooking vessel with removable food supports

Images**Publication data including kind & date**[US5552585](#)

A 1996-09-03 US5552585

**Abstract**

(US5552585)

Foods cook especially effectively in microwave ovens when raised above the level of the floor of the oven, and arrayed to occupy the volume of the oven chamber while the food portions, such as bacon strips, are hung to permit grease to rapidly drain from the cooking strips. The disclosed system 10 includes a dish 12 sized to catch the resulting liquids. food supports

	A1	1986-04-16	ES8605962
EP0161739	A2	1985-11-21	EP-161739
BR8500674	A	1985-10-01	BR8500674
AU3875285	A	1985-08-22	AU8538752
DK62485	A	1985-08-16	DK8500624
DK62485	D0	1985-02-11	DK8500624



Abstract

(EP0161739)

A novel cover (38, 40, 48) arrangement is described for use with foodstuff holding pans (30) to be heated in a microwave oven. The cover is one which in terms of microwave energy, does not transmit reflected energy. Thus, the cover acts in a manner analogous with non-reflecting coatings in optics and permits passage of the microwave radiation into the container holding the foodstuff (18), while substantially preventing escape of microwave radiation reflected from the foodstuff surface and container bottom (32). In this manner the microwave energy is retained and concentrated within the container, resulting in more efficient and uniform heating of the foodstuff. The novel cover is particularly valuable when used with aluminium foil pans, which without the cover of this invention seriously reflect microwave radiation.

Inventors

KEEFER, RICHARD M.

Latest standardized assignees - inventors removed

ALCAN INTERNATIONAL

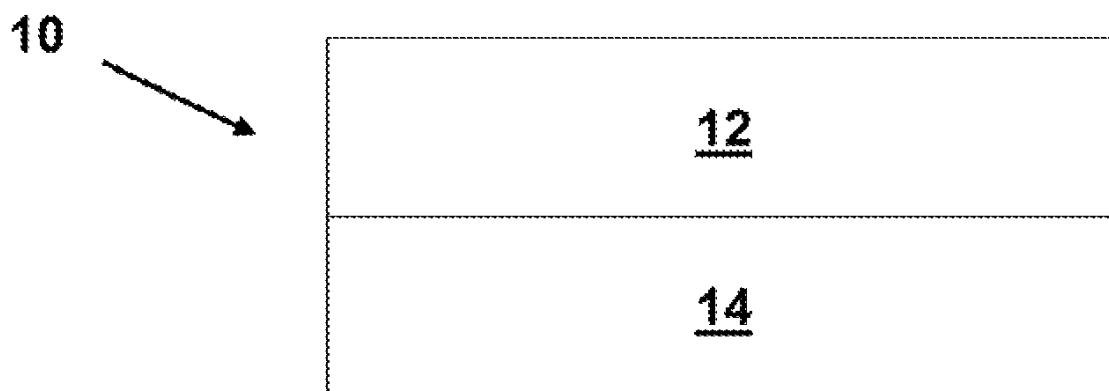
Family 134/200 - FAMPAT - ©Questel

Title

(US10384854)

Packaging sheet for elevated-temperature use

Images



Publication data including kind & date

US10384854	B2	2019-08-20	US10384854
US20190002181	A1	2019-01-03	US20190002181



Abstract

(US20190002181)

A packaging sheet is described. The sheet comprises a first layer comprising a first copolyester having a glass transition

temperature of from 70° C. to 90° C. and an intrinsic viscosity of from 0.70 dl/g to 0.90 dl/g. The first copolyester comprises from 50% to 85% by volume of the sheet. The sheet also comprises a second layer comprising a second copolyester having a glass transition temperature of equal to or greater than 112° C. The second copolyester comprises from 15% to 50% by volume of the sheet. The sheet is thermally stable after exposure to temperatures up to 112° C. Various embodiments of the sheet are also described.

Inventors

Wollaeger Corey A.

Wilks Ryan M.

Latest standardized assignees - inventors removed

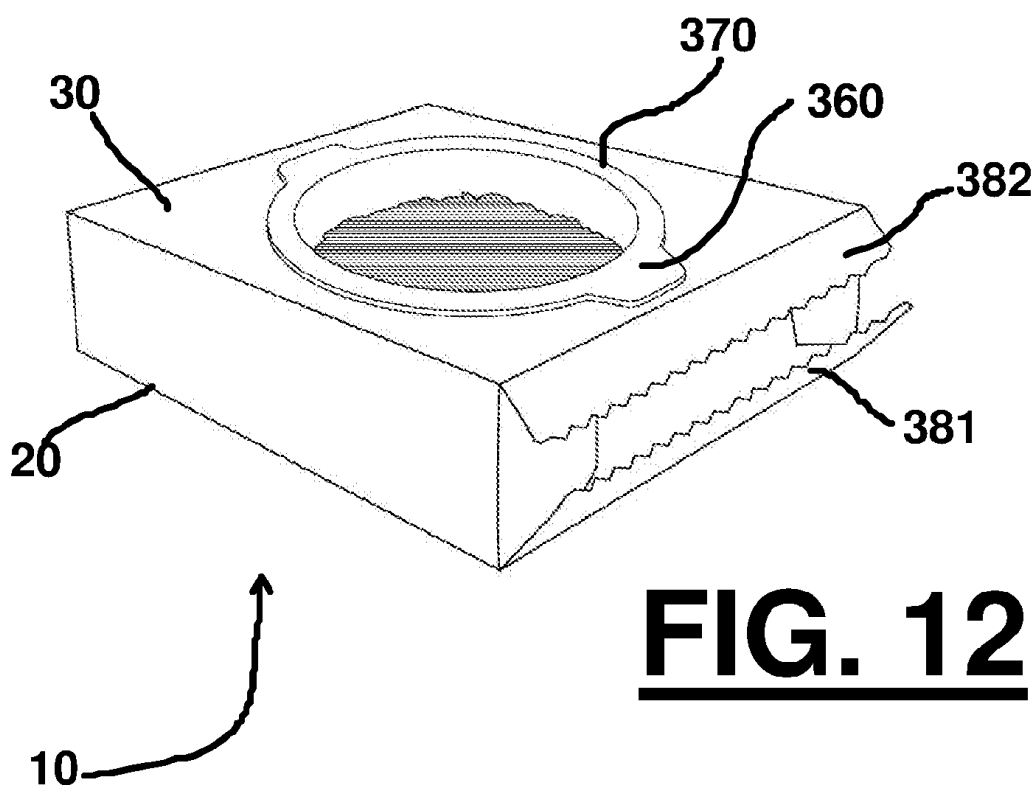
BEMIS

Family 135/200 - FAMPAT - ©Questel

Title

(WO2016187539)

Microwavable food package apparatus and method

Images**Publication data including kind & date**

[WO2016/187539](#) A3 2017-01-05 WO2016187539

[WO2016/187539](#) A2 2016-11-24 WO2016187539

**Abstract**

(WO2016/187539)

A microwavable food and package apparatus includes an outer container having an upper panel providing an upper surface, a lower panel providing a lower surface, a plurality of side walls that each extend from the upper panel to the lower panel, and an interior. One of the side walls having a removable portion that enables access to said interior such as when removing the contents/bowl. An inner container of bowl provides a cavity that holds a food item. The outer container lower

panel has a having a removable section that can be removed to provide an opening in the upper panel. An annular wall on the inner container is sized and shaped to fit the opening. The outer container or box thus functions as a trivet, wherein a portion of the outer container extends away from the inner container after the inner and outer containers have been subjected to microwave cooking so that said portion of said outer container (e.g. corner) provides a cooler surface that can be gripped by a user without fear of burns.

Inventors

SINCLAIR CALLAN

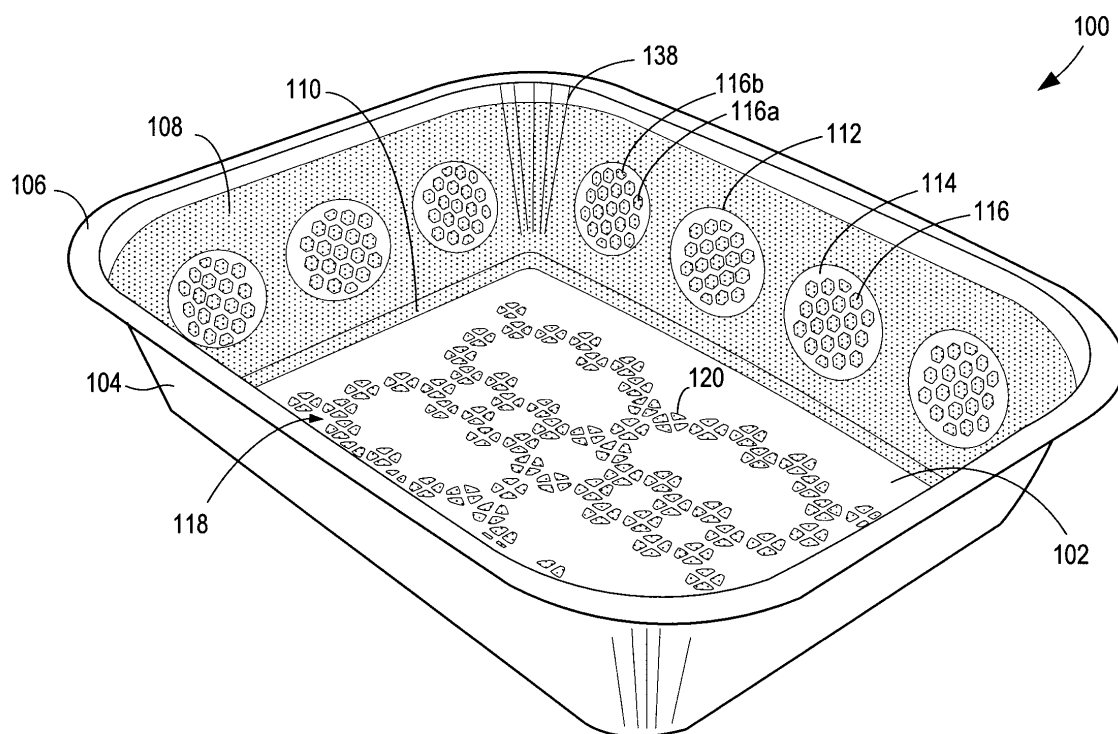
Family 136/200 - FAMPAT - ©Questel

Title

(US8785826)

Even heating microwavable container

Images



Publication data including kind & date

US9764887	B2	2017-09-19	US9764887
US20140291317	A1	2014-10-02	US20140291317
US8785826	B2	2014-07-22	US8785826
US20090294439	A1	2009-12-03	US20090294439



Abstract

(US20090294439)

A construct for heating a food item in a microwave oven includes a base, a wall extending upwardly from the base, a microwave energy shielding element overlying at least a portion of the wall, and a microwave energy diffusing element circumscribed by the microwave energy shielding element. The microwave energy diffusing element includes a plurality of microwave energy reflective elements within a microwave energy transparent area.

Inventors

LAI LAURENCE M C

ZENG NEILSON

LIU BING

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

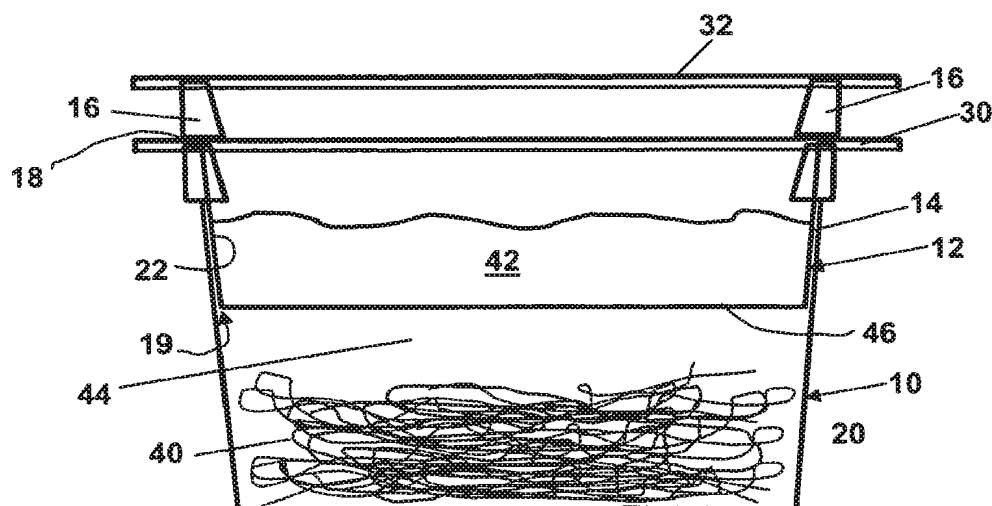
BLUEGRASS LABELS

Family 137/200 - FAMPAT - ©Questel

Title

(US9132951)

Food tray

Images**Publication data including kind & date**

US10384853	B2	2019-08-20	US10384853
US10124949	B2	2018-11-13	US10124949
US9957097	B2	2018-05-01	US9957097
US20160114961	A1	2016-04-28	US20160114961
US20160114962	A1	2016-04-28	US20160114962
US20160096674	A1	2016-04-07	US20160096674
US9132951	B2	2015-09-15	US9132951
US20070116806	A1	2007-05-24	US20070116806

**Abstract**

(US20070116806)

A food tray has a lower tray containing a first food product and an upper tray nested stably at least partly inside the lower tray, with the upper tray containing a second food product. An air permeable interface is provided between the upper tray and lower tray to allow venting of steam from the lower tray during cooking. A cover is provided for the food tray. Each of the lower tray and the upper tray are formed of a material that is suitable for use in a microwave or conventional oven. Various constructions may be used to create the air permeable interface, such as lugs, ledges and lips. The upper tray may sit above the lower tray. The trays are nested loosely for ease of removal of the upper tray from the lower tray. Various configurations of cover may be used such as a sleeve, carton or lid. The upper tray may contain the higher value food product.

Inventors

PARSONS STEVEN M

Latest standardized assignees - inventors removed

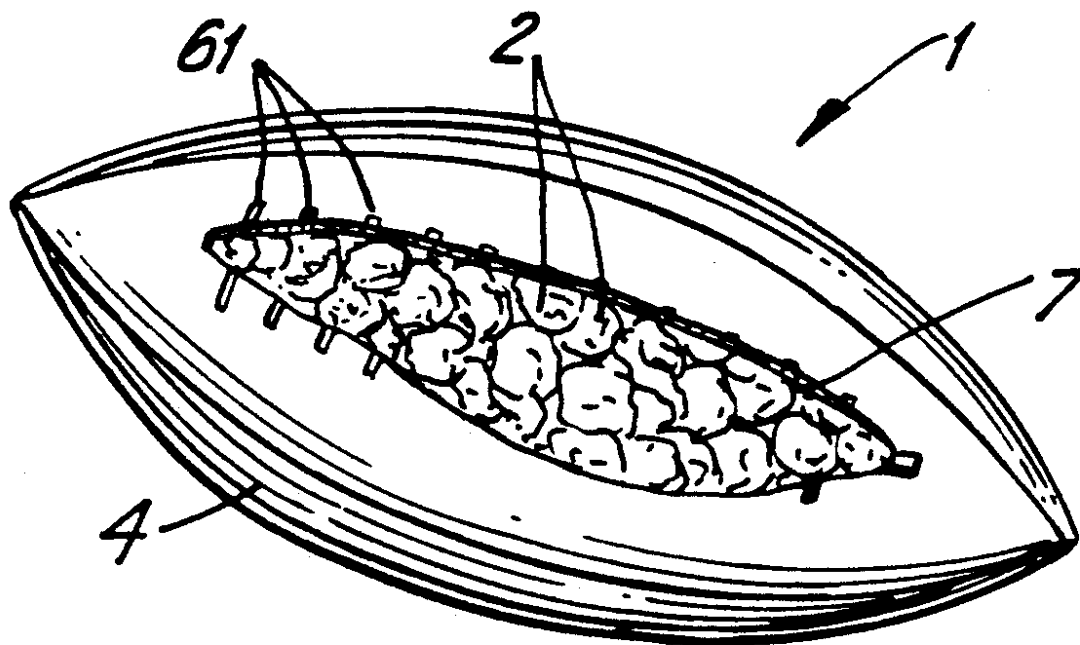
CONAGRA FOODS

Family 138/200 - FAMPAT - ©Questel

Title

(US5294764)

Reusable microwave popcorn container for popping and dispensing corn karnels and recreational use

Images**Publication data including kind & date**

US5473142	A	1995-12-05	US5473142
US5294764	A	1994-03-15	US5294764

**Abstract**

(US5294764)

A microwave popcorn container for recreational use and a method of making and dispensing popcorn using the same. The microwave popcorn container has an outer casing substantially transparent to microwave radiation and resembles either a playball or novelty configuration having an interior space therein. When exposed to microwave radiation, corn kernels contained within the interior space of the outer casing burst into popcorn filling the outer casing. The microwave popcorn container may be used in a variety of recreational activities and when desired, popcorn can be dispensed therefrom and consumed. In the illustrative embodiment of the present invention, microwave popcorn containers resembling an elongated football, a substantially spherical playball and a novelty turtle are disclosed.

Inventors

MASS LAWRENCE

Family 139/200 - FAMPAT - ©Questel

Title

(EP-271981)

Microwave container

Images

EP0279659	B1	1993-02-24	EP-279659
JPH0476691	B2	1992-12-04	JP92076691
CA1296300	C	1992-02-25	CA1296300
AU591864	B2	1989-12-14	AU-591864
EP0279659	A3	1989-05-17	EP-279659
JPS63288114	A	1988-11-25	JP63288114
AU1194488	A	1988-08-25	AU8811944
EP0279659	A2	1988-08-24	EP-279659
US4745249	A	1988-05-17	US4745249



Abstract

(EP0279659)

A method and package assembly (10) for retailing and microwave heating of a breaded food product (30) is provided. The package assembly (10) includes a container (11) with an interior surface (40) composed of a microwave interactive material. The container bottom (12) has inlet air openings (32) and the container top has outlet air openings (3) therein. The container (11) also has a support member (34) for supporting the food product (30) in order to minimize the degree of contact between the food product and the container (11) and the support member. The container (11) is adapted to rest on an exterior packaging sleeve (21) whereby a generally vertical air flow pathway is provided through (26, 27, 37, 32, 31) the container (11) to promote convection heating and crisping of the breaded surface portion of the food product during microwave heating.

Inventors

DANIELS, JAMES A.

Latest standardized assignees - inventors removed

MRS PAUL S KITCHENS

Family 141/200 - FAMPAT - ©Questel

Title

(EP-326811)

Package for reconstituting a frozen pie or the like.

Images

DE68910840	T2	1994-03-17	DE68910840				
ES2047044	T3	1994-02-16	ES2047044				
PT89571	B	1994-01-31	PT--89571				
DE68910840	D1	1994-01-05	DE68910840				
AT97778	T	1993-12-15	ATE097778				
EP0326811	B1	1993-11-24	EP-326811				
BRPI8900419	B1	1993-08-31	BR8900419				
BRPI8900419	A1	1993-03-09	BRPI8900419				
NZ227795	A	1991-08-27	NZ-227795				
AU600882	B2	1990-08-23	AU-600882				
PT89571	A	1989-10-04	PT--89571				
BR8900419	A	1989-09-26	BR8900419				
JPH01240136	A	1989-09-25	JP01240136				
EP0326811	A1	1989-08-09	EP-326811				
AU2858389	A	1989-08-03	AU8928583				
FI890206	A	1989-08-02	FI8900206				
DK42389	A	1989-08-02	DK8900423				
NO890392	L	1989-08-02	NO-890392				
US4841112	A	1989-06-20	US4841112				
DK42389	D0	1989-01-31	DK8900423				
NO890392	D0	1989-01-31	NO8900392				
FI890206	A0	1989-01-16	FI8900206				

Abstract

(EP0326811)

A package for reconstituting a frozen foodstuff, such as a pot pie, formed from a precooked, lossy material filler food (60) having a preselected depth and covered with a layer of uncooked dough (80) which comprises a dish-shaped receptacle (10) formed of a microwave impervious material with a cavity (40) for the foodstuff and a peripheral rim (50) whereby the filler material within the cavity is shielded from direct microwave exposure except through the dough layer and a flat, self-sustaining essentially rigid microwave susceptor sheet (20) with an outer shape generally matching the shape of the rim of the receptacle wherein the susceptor sheet is supported on the dough in parallel, heat conducting relationship with the upper surface (82) of the dough and is spaced from the rim by the dough. The susceptor sheet includes a thin metallized layer (104) on a plastic film (102) laminated to a paperboard (100).

Inventors

PELEG YIGAL

Latest standardized assignees - inventors removed

NESTLE

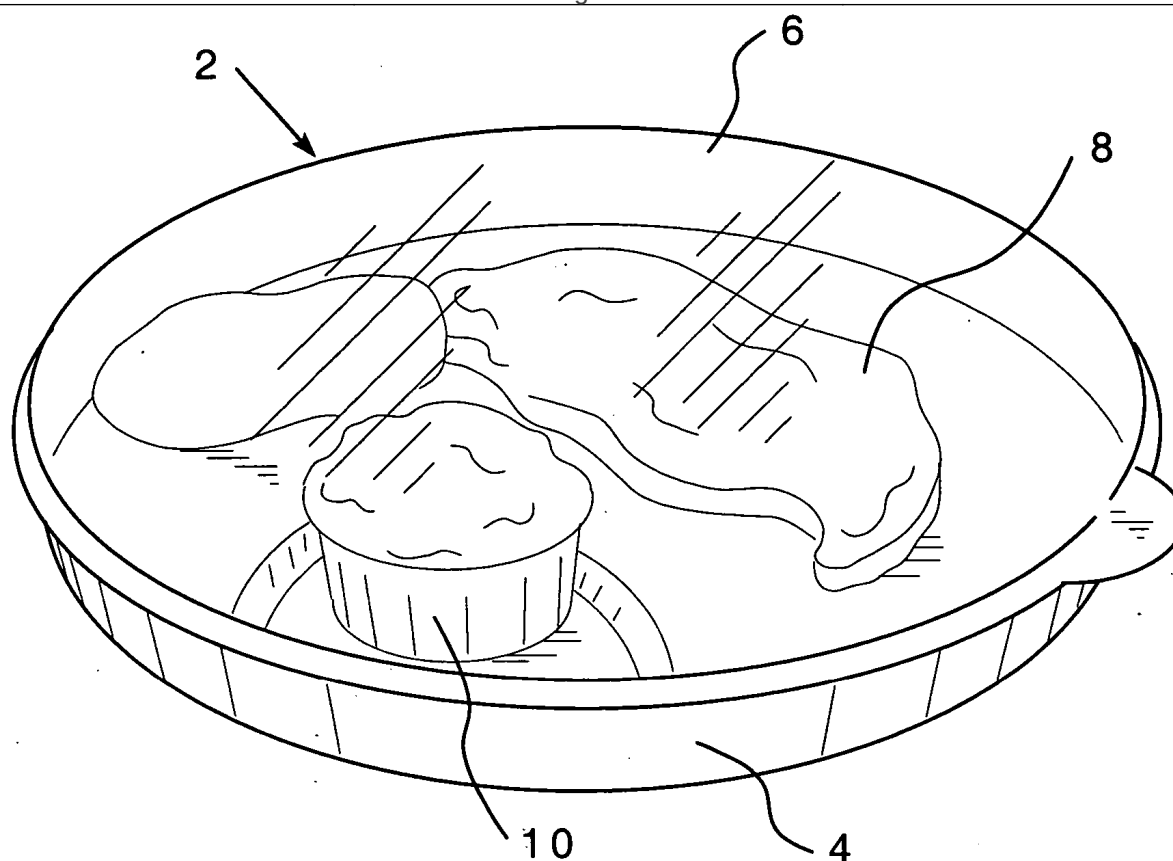
Family 142/200 - FAMPAT - ©Questel

Title

(US20050029254)

Microwave reflecting container

Images

**Publication data including kind & date**[US20050029254](#)

A1 2005-02-10

US20050029254

[CA2474310](#)

A1 2005-01-14

CA2474310

**Abstract**

(US20050029254)

A container formed of a microwave reflecting material and intended to hold its contents, in a thermally neutral environment, when placed within a microwave oven interior, and such as within a larger sized food tray container holding other microwave-heatable items. The container includes a main body and a sealable lid, both of which are constructed of the microwave reflecting material. The lid may also include a paper layer along its exterior surface, for both strength and decorating purposes. Arcing in the microwave would be controlled by not having any sharp edges on the container.

Inventors

ROBBINS BRUCE

BOHRER TIMOTHY

Latest standardized assignees - inventors removed

REYNOLDS CONSUMER PRODUCTS

REYNOLDS FOOD PACKAGING RICHMOND

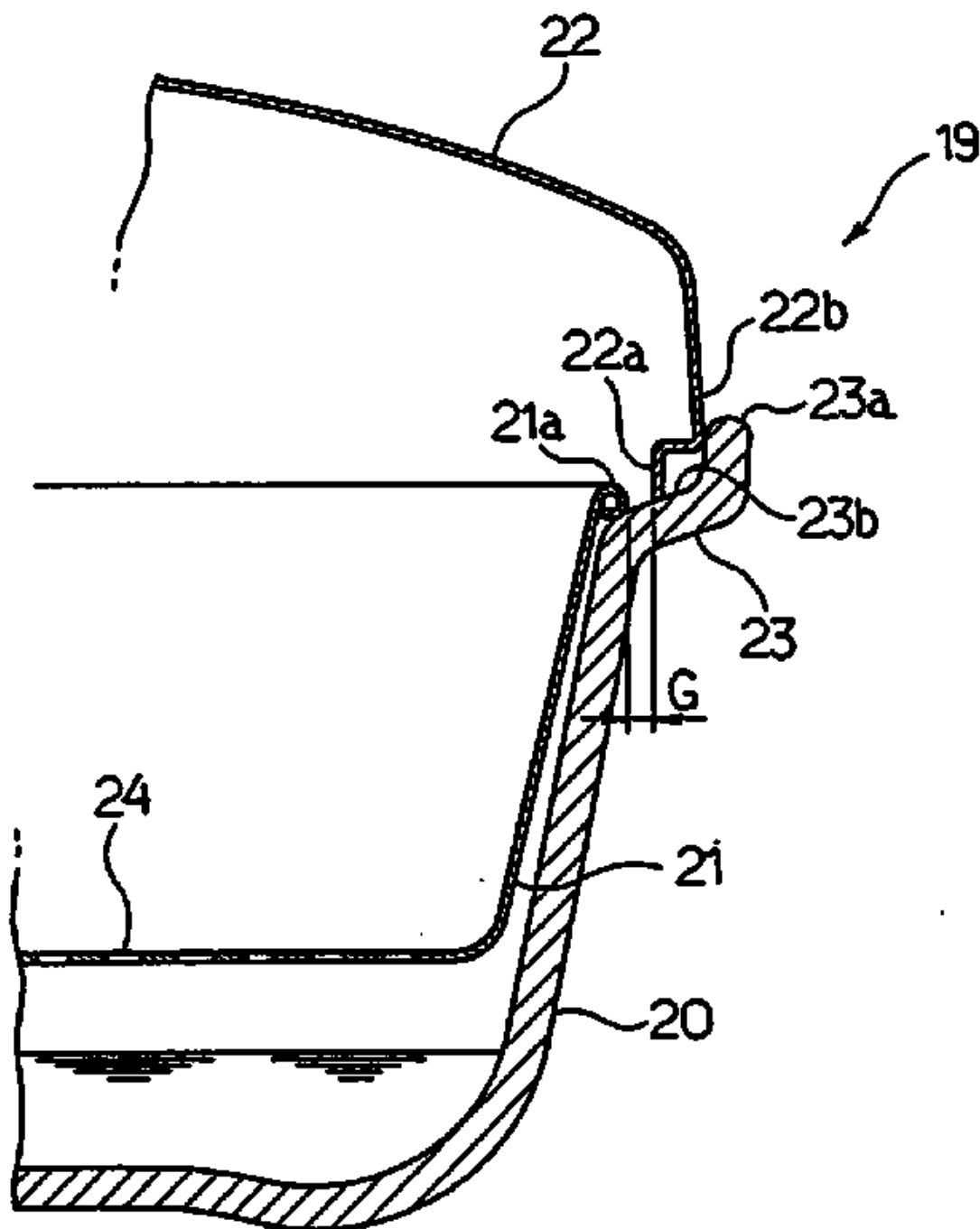
Family 143/200 - FAMPAT - ©Questel

Title

(FR2665067)

COOKING VESSEL FOR USE WITH MICROWAVE OVENS HAS.

Images



Publication data including kind & date

FR2665067	B1	1996-03-08	FR2665067
KR950005785	B1	1995-05-31	KR950005785
GB2246949	B	1994-08-10	GB2246949
JPH0482517	A	1992-03-16	JP04082517
KR920002996	A	1992-02-28	KR19920002996
GB2246949	A	1992-02-19	GB2246949
FR2665067	A1	1992-01-31	FR2665067
GB9115899	D0	1991-09-04	GB9115899



Abstract

(FR2665067)

A cooking container for use with microwave ovens includes an outer container (20) formed from a microwave transmissible material for reserving water heated by microwaves, an inner container (21) formed from a metal and having a number of apertures (24) through which steam induced by heating the water contained in the outer container (20) is supplied to its

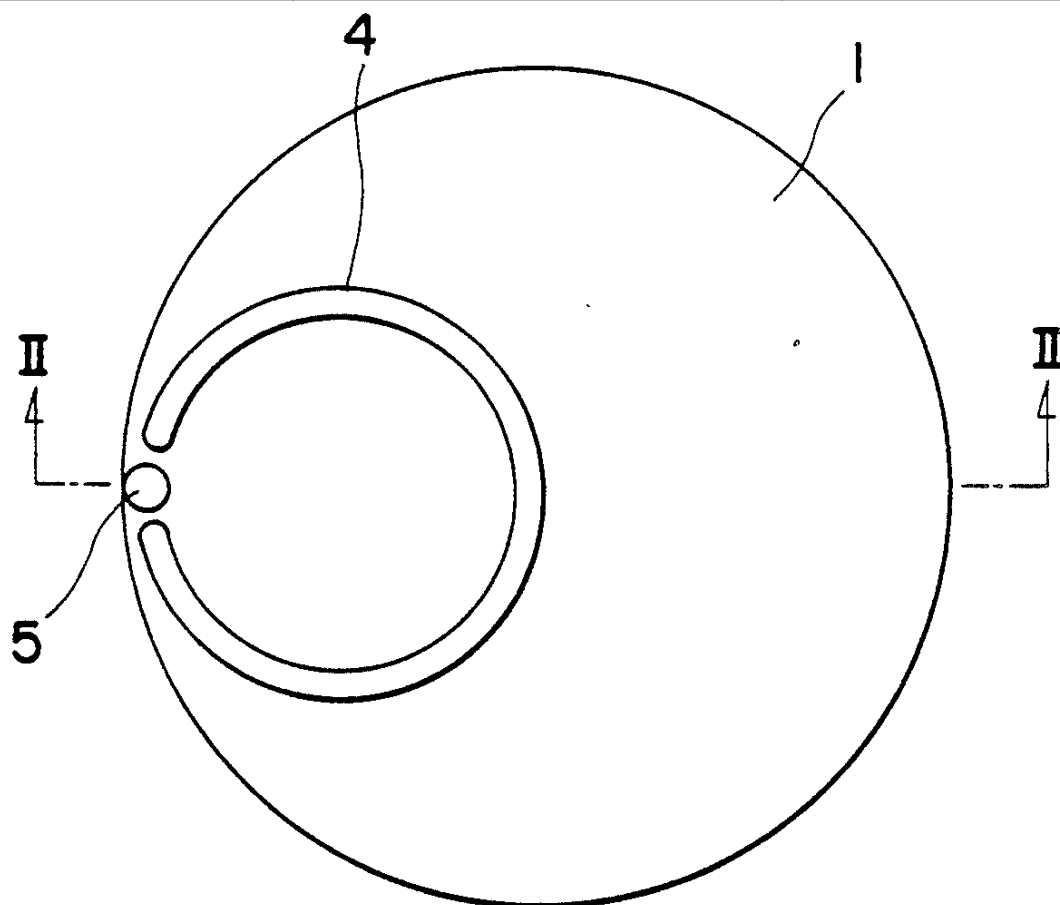
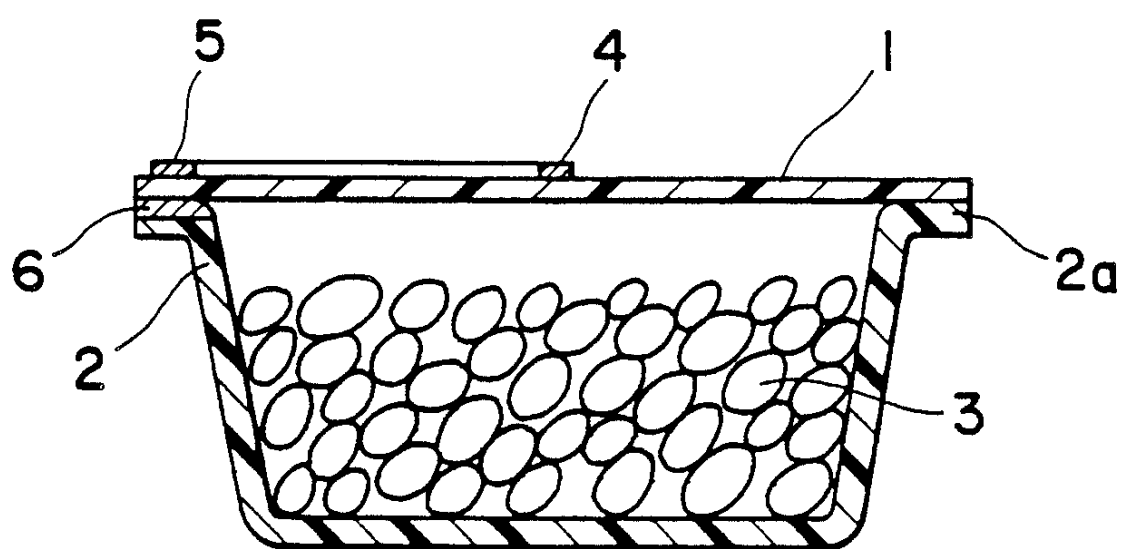
Family 145/200 - FAMPAT - ©Questel

Title

(EP-440792)

Sealed container for cooking in microwave range

Images

**FIG. 1****FIG 2**

Publication data including kind & date

JP2091086	C	1996-09-18	JP2091086
JP2512980	B2	1996-07-03	JP2512980
JP8011591	B2	1996-02-07	JP96011591
JP1936184	C	1995-05-26	JP1936184
JPH0667341	B2	1994-08-31	JP94067341
EP0440792	B1	1993-09-15	EP-440792
EP0440792	A1	1991-08-14	EP-440792
US4992636	A	1991-02-12	US4992636
EP0440792	A4	1990-02-06	EP-440792
JP01279079	A	1989-11-09	JP01279079
JP01213180	A	1989-08-25	JP01213180
AU2523088	A	1989-04-18	AU8825230
JPH0194806	A	1989-04-13	JP01094806
WO89/02715	A1	1989-04-06	WO8902715

**Abstract**

(EP0440792)

A container body is sealed with a cover consisting of an insulating flexible sheet, and an antenna consisting of a conductive band is laminated on the cover. Consequently, when the container body is exposed to microwaves in a microwave range, the energy of the microwaves is focused to a position in the vicinity of the tip portion of the antenna. This energy is converted into heat, with which the cover is opened. The cover is thus melt-opened reliably to a suitable size.

Inventors

NAMIKI, TSUNEHISA

SUGIYAMA, IKUO

FUJIWARA, TAMIO

ISHIBASHI, KAZUHISA

TANIKAWA, ISAO

YAMADA, MUNEKI

SHIBASAKI, KYUICHI

Latest standardized assignees - inventors removed

TOYO SEIKAN KAISHA

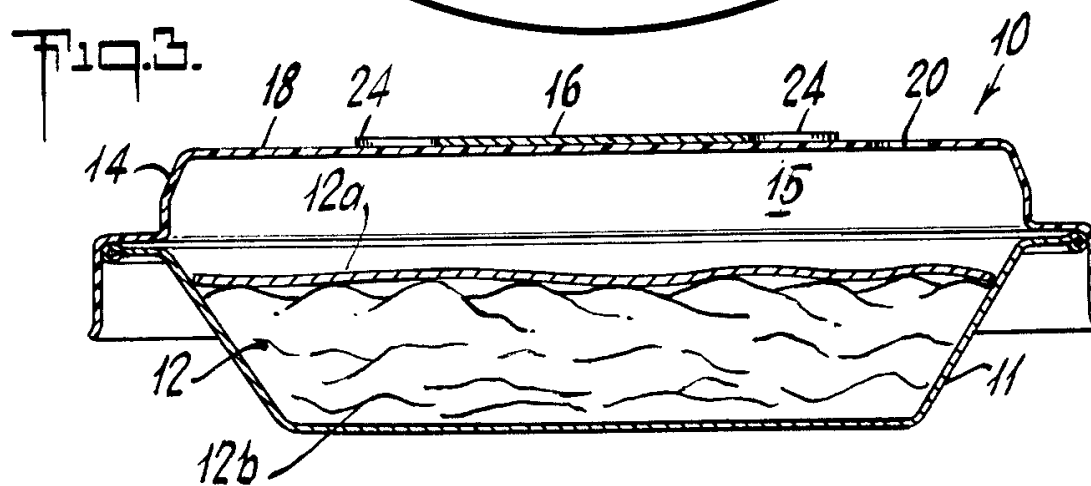
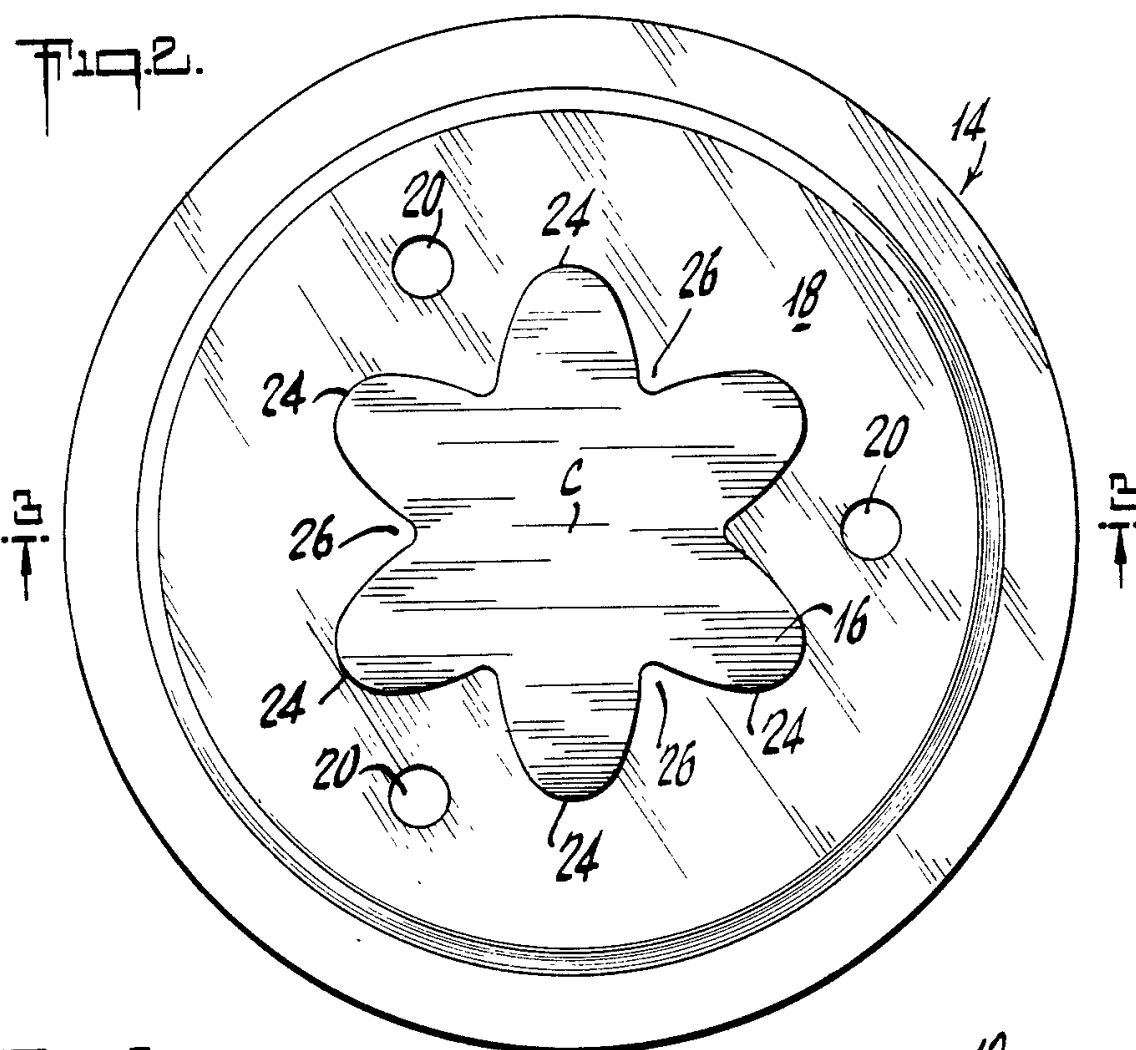
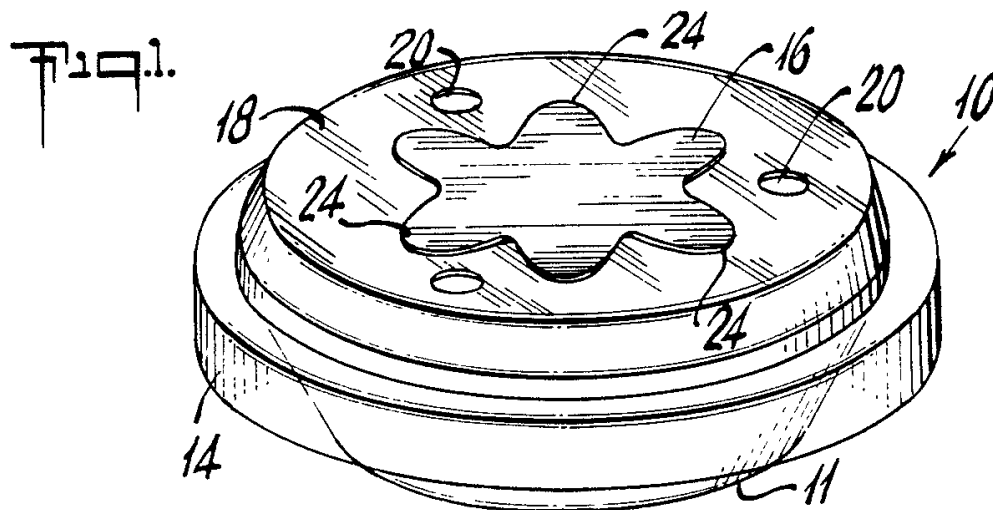
Family 146/200 - FAMPAT - ©Questel

Title

(EP-291309)

Microwave container and method of use

Images



Publication data including kind & date

JP1932652	C	1995-05-26	JP1932652
JPH0659908	B2	1994-08-10	JP94059908
BRPI8802349	A1	1994-01-18	BR8802349
DE3882169	T2	1993-10-14	DE3882169
DE3882169	D1	1993-08-12	DE3882169
AT91374	T	1993-07-15	ATE091374
EP0291309	B1	1993-07-07	EP-291309
CA1298241	C	1992-03-31	CA1298241
NZ224607	A	1991-03-26	NZ-224607
AU607654	B2	1991-03-07	AU-607654
US4814568	A	1989-03-21	US4814568
JP01038526	A	1989-02-08	JP01038526
JPS6438526	A	1989-02-08	JP64038526
EP0291309	A3	1989-02-01	EP-291309
BR8802349	A	1988-12-13	BR8802349
EP0291309	A2	1988-11-17	EP-291309
AU1614488	A	1988-11-17	AU8816144
DK257488	A	1988-11-16	DK8802574
ZA8802918	B	1988-11-11	ZA8802918
DK257488	D0	1988-05-10	DK8802574

**Abstract**

(EP0291309)

A container (10) for holding a body of material to be heated in a microwave oven, the container having at least one surface (18) provided with a structure (16) for generating within the container a microwave energy mode of a higher order than that of the container fundamental modes, wherein the mode generating structure has a periphery formed with a multiplicity of protuberances (24) distributed around its perimeter for diffusing the heating effect of the higher order mode microwave energy.

Inventors

KEEFER, RICHARD MACKAY

Latest standardized assignees - inventors removed

ALCAN INTERNATIONAL

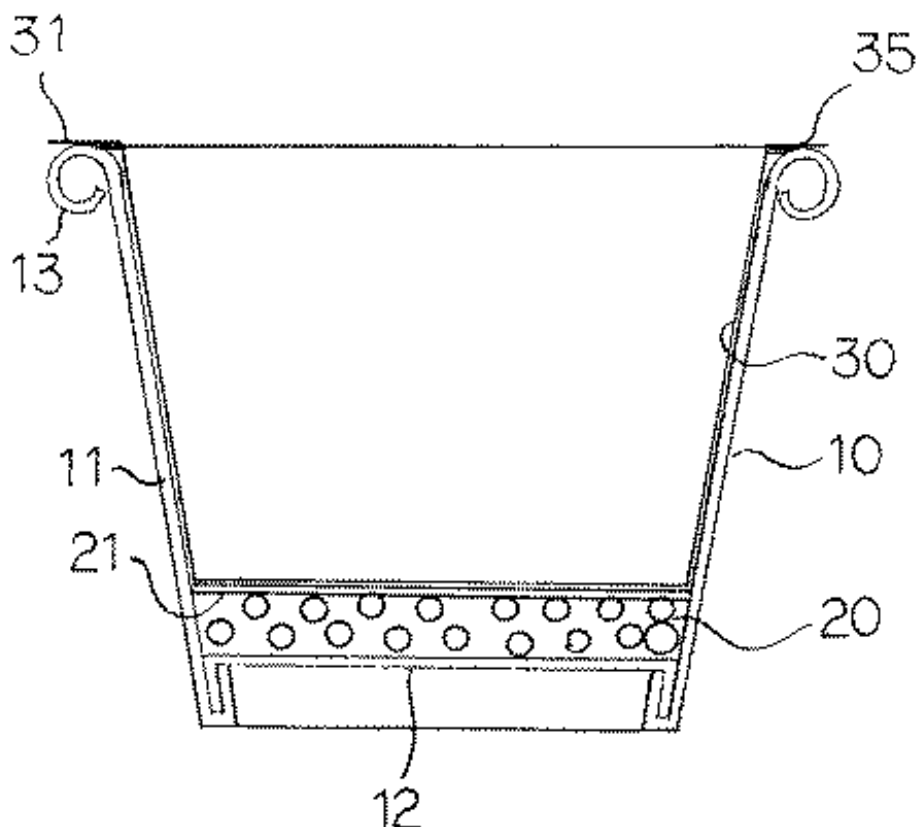
Family 147/200 - FAMPAT - ©Questel

Title

(JP2003165581)

Stackable package of foamable food

Images



Publication data including kind & date

[JP3957263](#)

B2 2007-05-18

JP3957263

[JP2003165581](#)

A 2003-06-10

JP2003165581



Abstract

(JP2003165581)

PROBLEM TO BE SOLVED: To provide a foamable food package which does not need a lid separate from a container, is free from fear of foreign matters mixing, can be stacked in a small storage area and can be heated in a microwave oven.

SOLUTION: The foamable food package (1) comprises a cup-formed outer vessel (10) which consists of a barrel (11) and a base (12), has an upper part opened and tapers downward, foamable food (20) put on the base of the outer vessel, and an inner vessel (30) put over the foamable food and dropping along and in tight contact with an internal surface of the outer vessel, wherein an upper end rim of the outer vessel and an upper end rim of the inner vessel are adhesion-sealed (35) with each other. The inner vessel (30) comprises a flexible plastic film. Air vents (32) are preferably bored partially on the plastic film.

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Inventors

Yu Tadashi Kojima

Hiroshi Tone

Latest standardized assignees - inventors removed

TOPPAN PRINTING

SEGA

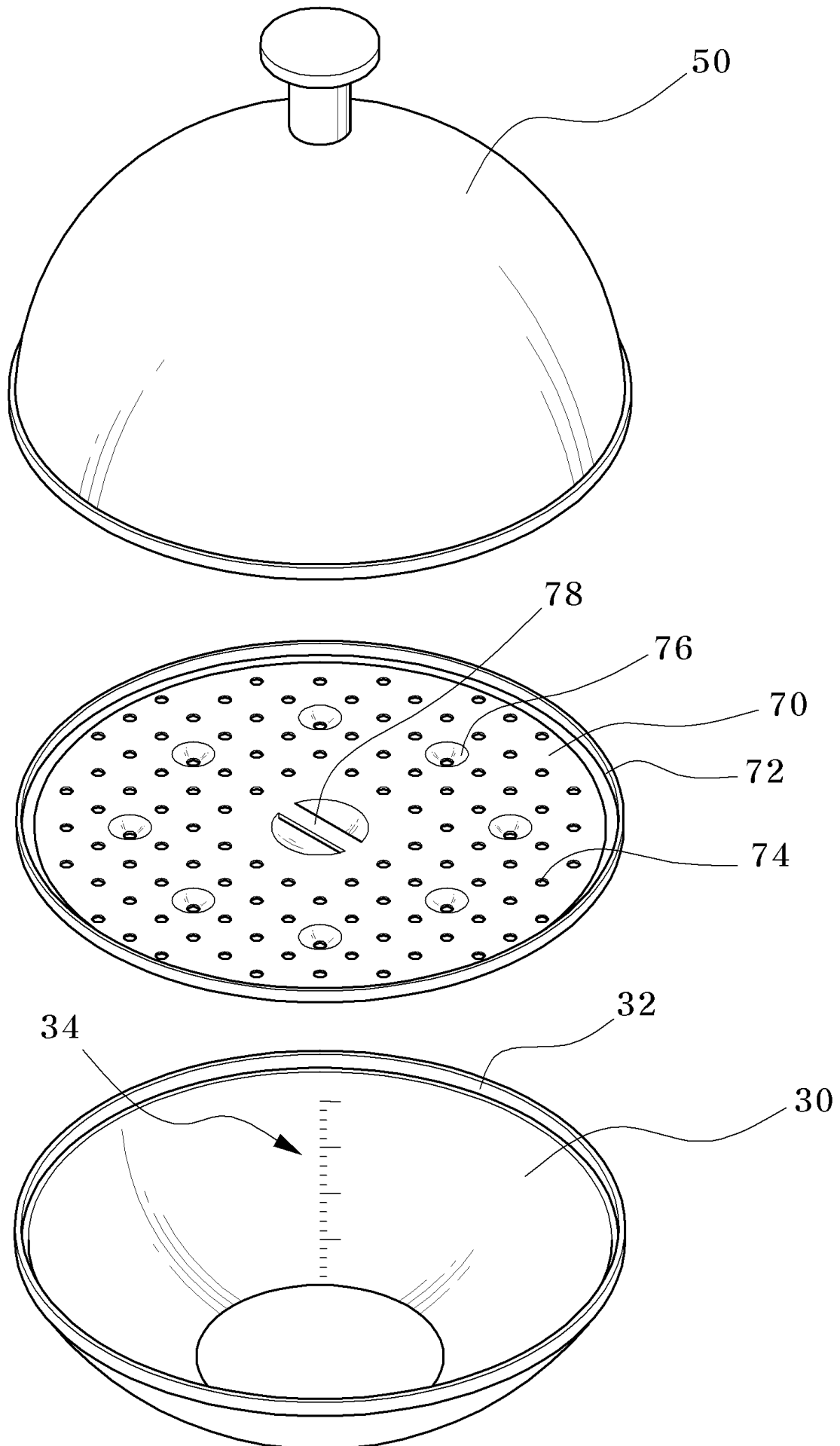
Family 148/200 - FAMPAT - ©Questel

Title

(KR20110020603)

Steamed dish container for microwave oven

Images



Publication data including kind & date[KR20110020603](#)

A 2011-03-03

KR20110020603

**Abstract**

(KR20110020603)

PURPOSE: A steaming container for a microwave oven is provided to effectively steam food by preventing microwaves from passing through a lid and a steam plate. CONSTITUTION: A steaming container for a microwave oven comprises a bowl(30), a lid(50), and a steam plate(70). The bowl stores water and is composed of a transparent synthetic resin material in which microwaves are transmitted. The lid is coupled to the bowl. The lid and the steam plate are composed of a metal material in which microwaves are not transmitted. The steam plate divides a space formed by the bowl and the lid. Steam generated in the bowl passes through perforated holes(74) of the steam plate.

Inventors

PARK, YU-SOO

Latest standardized assignees - inventors removed

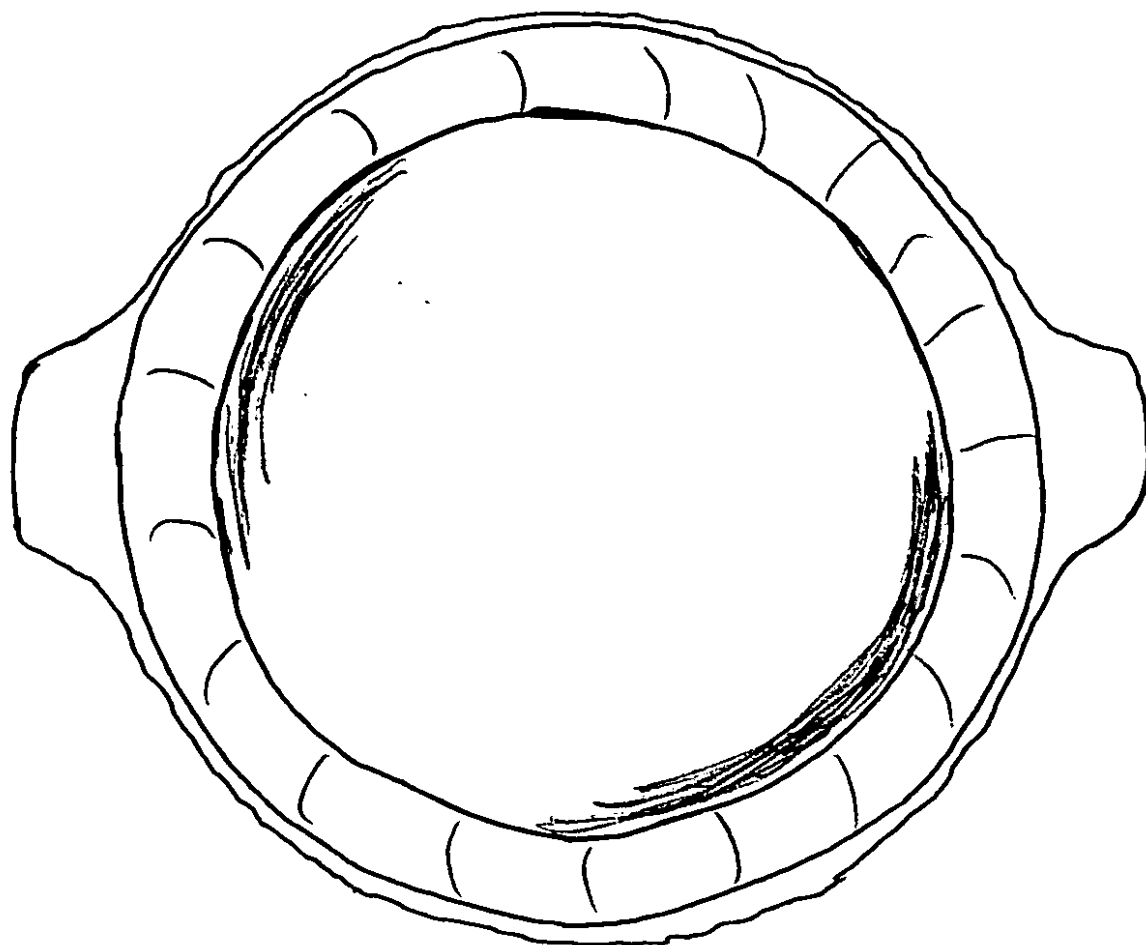
DAEWOO ELECTRONICS

Family 149/200 - FAMPAT - ©Questel

Title

(US20090050624)

Top-a-plate

Images**Publication data including kind & date**[US20090050624](#)

A1 2009-02-26

US20090050624

**Abstract**

(US20090050624)

The Microwavable Food Heating Package is an invention that combines two products into one product. A disposable,

microwavable, paper plate and a disposable, microwavable cover that is molded to fit over the plate are sold together to form one product. The Microwavable Food Heating Package is mainly used for heating food. One grabs the plate and a cover with end tabs, lifts one or both tabs, puts the food on the plate, bends the tabs down, and heats the food. The Microwavable Food Heating Package can also be used to refrigerate food or to cover food so that objects do not get on the food. Since the entire product is disposable, there is no need to clean either portion of the product.

Inventors

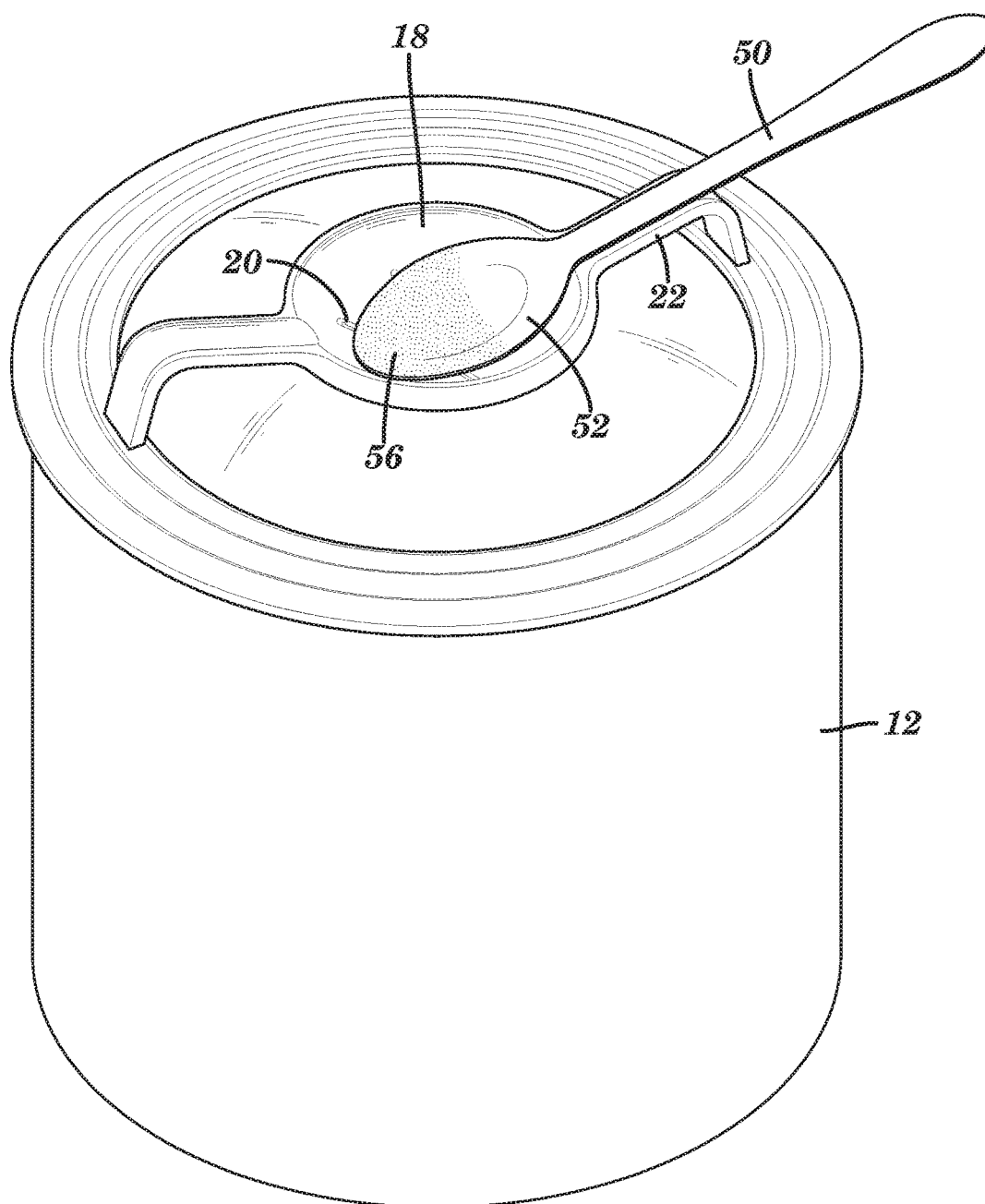
VENTURA WENDY RAE

Family 150/200 - FAMPAT - ©Questel

Title

(US9635975)

Stir-through lid for cookware

Images

[US20160255994](#)

A1 2016-09-08 US20160255994

Abstract

(US20160255994)

A see-through and stir-through lid is provided for cookware. The lid includes a transparent main body having an outer periphery. An access port extends through the main body with a splatter guard secured within the access port. The splatter guard has a self-regulating opening of variable size allowing passage of a working end of a cooking utensil through the opening in the splatter guard while minimizing size of the opening about a shaft of the cooking utensil. A support structure supports a cooking utensil atop the lid with the working end resting above the splatter guard so that liquid and/or food residue may drain through the opening in the splatter guard into the cookware.

Inventors

WALKER KELLY E

Latest standardized assignees - inventors removed

TONOGA

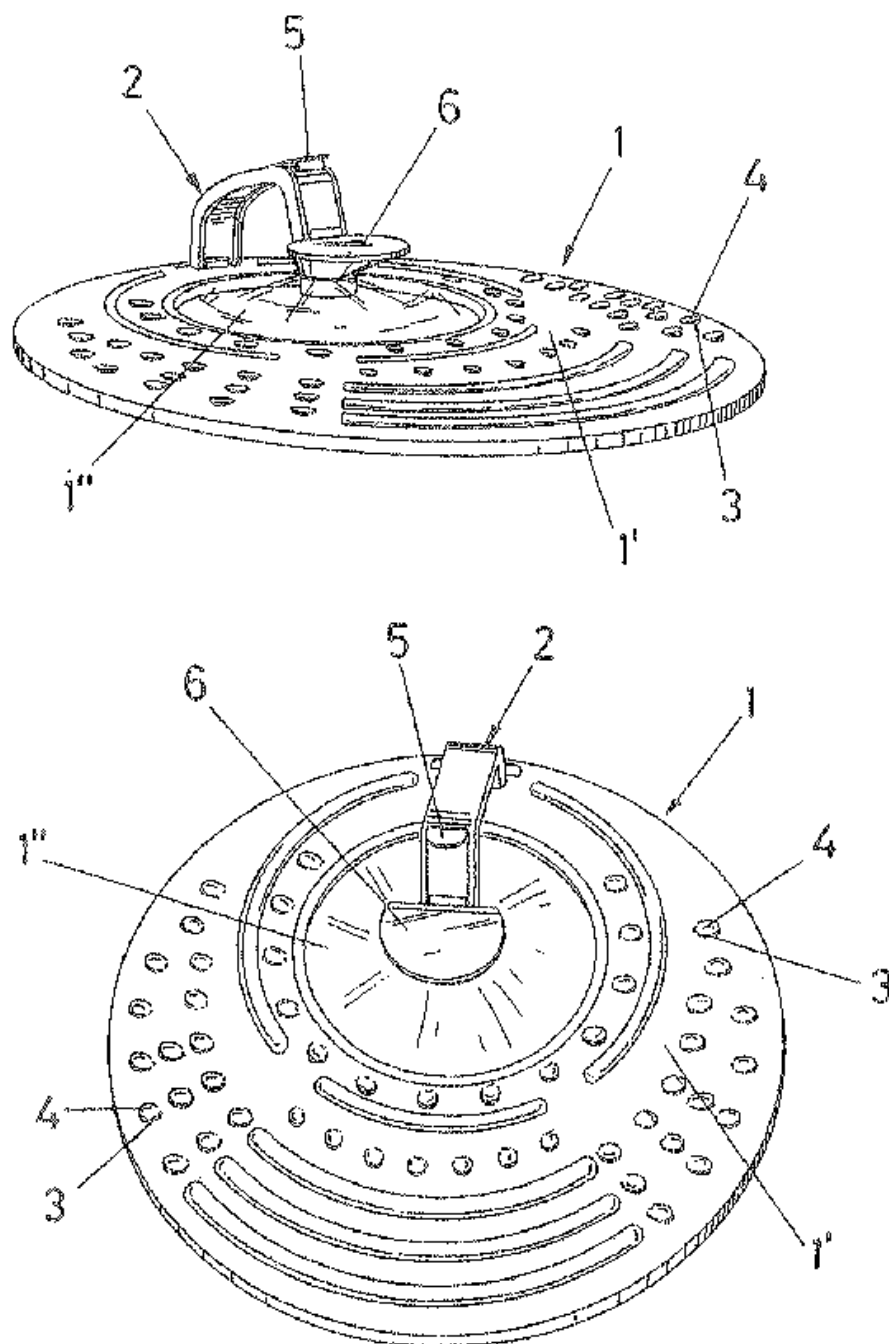
Family 151/200 - FAMPAT - ©Questel

Title

(FR2904207)

Cover for cooking container e.g. pan and paella pan, has body with glass part allowing to visualize interior of container when cover covers container, and lifter connected to valve tilting with respect to upper inlet loop of funnel

Images



Publication data including kind & date

FR2904207	B3	2008-06-13	FR2904207
FR2904207	A3	2008-02-01	FR2904207
PT10232	T	2008-01-28	PT--10232T
ES1063537	Y	2007-02-01	ES1063537Y
ES1063537	U	2006-11-01	ES1063537U



Abstract

(FR2904207)

The cover has a body (1) comprising a part (1') that is made of a non-glass type material and has orifices (3) and tabs (4). The body has a glass part (1'') allowing to visualize interior of a cooking container e.g. pan, when the cover covers the container. A lifter (5) is connected to a valve (6) which tilts with respect to an upper inlet loop of a funnel. The funnel extends towards the bottom through an opening that is defined in the part (1'') which is terminated by an evacuation mouth for allowing free access to the container to introduce additional products.

Inventors

MORALES NUNEZ MIGUEL

Latest standardized assignees - inventors removed

INDUSTRY IRIS

Family 152/200 - FAMPAT - ©Questel

Title

(EP1029490)

Lid for cooking utensil

Images

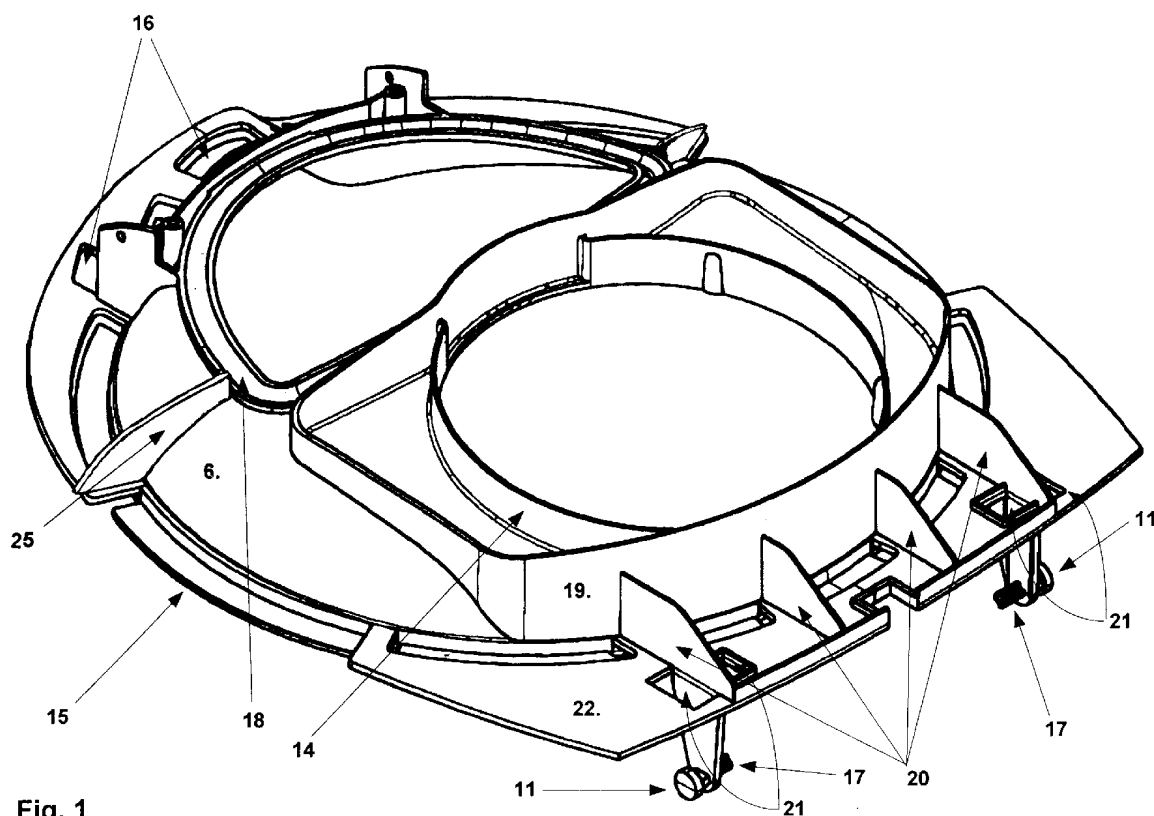


Fig. 1

Publication data including kind & date

KR100708003	B1	2007-04-16	KR100708003
RU2249424	C2	2005-04-10	RU2249424
CZ294248	B6	2004-11-10	CZ-294248
DE60006597	T2	2004-09-23	DE60006597
CN1161065	C	2004-08-11	CN1161065C
ES2209787	T3	2004-07-01	ES2209787
PT1029490	E	2004-04-30	PT1029490
DE60006597	D1	2003-12-24	DE60006597
AT254425	T	2003-12-15	ATE254425
EP1029490	B1	2003-11-19	EP1029490
FR2789873	B1	2001-04-06	FR2789873
CZ2000572	A3	2001-02-14	CZ200000572
KR20000058113	A	2000-09-25	KR20000058113
TR200000436	A2	2000-09-21	TR200000436
TR200000436	A3	2000-09-21	TR200000436
CN1265302	A	2000-09-06	CN1265302
JP2000237057	A	2000-09-05	JP2000237057
FR2789873	A1	2000-08-25	FR2789873



[AU1760200](#)

A 2000-08-24 AU200017602

[EP1029490](#)

A1 2000-08-23 EP1029490

[CA2299594](#)

A1 2000-08-19 CA2299594

**Abstract**

(EP1029490)

Hinged cover of cooking vessel, consists of decorative outer trim and counter-cover (6) with shutter surface and moving hinged portion (11, 17) molded or thermo-formed in one piece from a heat-resistant plastic. A catch (16) holds the cover closed. (6) has a cavity (14) for filter cartridge and recess (18) for inspection window. A seal is attached to shutter surface peripheral rib (15) by adhesive.

Inventors

DUMOUX PHILIPPE

Latest standardized assignees - inventors removed

SEB

Family 153/200 - FAMPAT - ©Questel

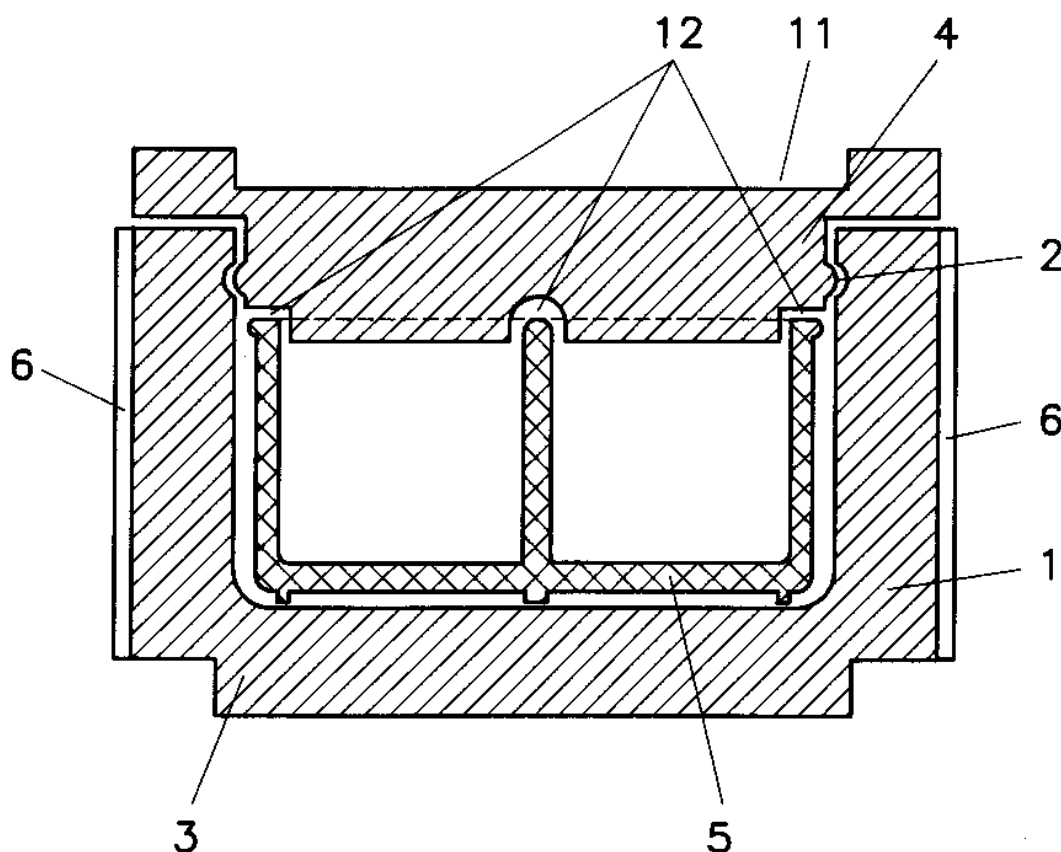
Title

(EP-622309)

Container with cover and foodbox to transport previously prepared foods

Images

Fig.1

**Publication data including kind & date**[DE59308143](#)

D1 1998-03-19 DE59308143



AT163167	T	1998-02-15	ATE163167
EP0622309	B1	1998-02-11	EP-622309
EP0622309	A1	1994-11-02	EP-622309

**Abstract**

(EP0622309)

A transporting container with a cover (4), which is provided with gripping strips, and a food box (5) for transporting previously prepared meals which can be hot or cold. The basic body (1) of the transporting container is polygonal with plug-on closures (2, 6) on the outer walls and peripheral foot strips (3) at the bottom. The food box (5) made of porcelain stands in the basic body (1) and the basic body (1) is closed by means of a press-in cover (4). The press-in cover (4) has cutouts (12) on its inner side which guarantee tight sealing of the food box (5) and cutouts (13) on the top surface which guarantee the stackability of the transporting containers one above the other.

Inventors

KAEPPPELI ROBERT

VEHSE LOTHAR

RATHKE BERND

KOLASKA KARL-HEINZ

KERSTEN WOLFGANG

Latest standardized assignees - inventors removed

LENGSFELD RHOEN PORZELLAN

VERTRIEB FUER HANDELSWARE

Family 154/200 - FAMPAT - ©Questel

Title

(EP-428203)

A method of simultaneously microwave heating or baking plural articles, and concomitant package.

Images

EP0428203	A3	1992-03-11	EP-428203
EP0428203	A2	1991-05-22	EP-428203
CA2028345	A1	1991-05-16	CA2028345

**Abstract**

(EP0428203)

A method of simultaneously microwave heating or baking a plurality of articles such as comestible articles: for example, brownies, cupcakes, muffins or cookies or the like. The method comprises the steps of arranging the plurality of articles in a predetermined, vacant-center array within an ovenable container, non-sealingly enclosing the array of articles in the container so that the articles share a common headspace in the container, and applying microwave energy for a sufficient period of time to effect the heating or baking. In a preferred embodiment, the predetermined plurality is eight, and the array is a three-by-three orthogonal pattern with a vacant center position or zone. The method may further comprise preparing a bakeable batter, subdividing the batter into a plurality of equal portions with one portion in each of a plurality of like receptacles so that, upon being baked, each of the portions becomes one of the articles. A package is also provided to facilitate practicing the method. A preferred package comprises a mix for preparing a bakeable batter, a plurality of receptacles into which the batter may be subdivided, and a container or enclosure such as a carton which is sized and configured to accommodate an array of articles or batter laden receptacles, and to provide a common headspace above the articles. The package may also comprise selectively patterned and/or positioned microwave susceptors or reflective materials to further ensure uniform heating or baking of the articles. A package embodiment of the invention is also disclosed in which plural articles are arranged, when packaged, in a predetermined, open-center array.

Inventors

MCCUTCHAN MICHAEL DEAN

YEE DEBORAH JANE

FISHTER STEVE GARY

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

AURORA FOODS

DEUTSCHE BANK

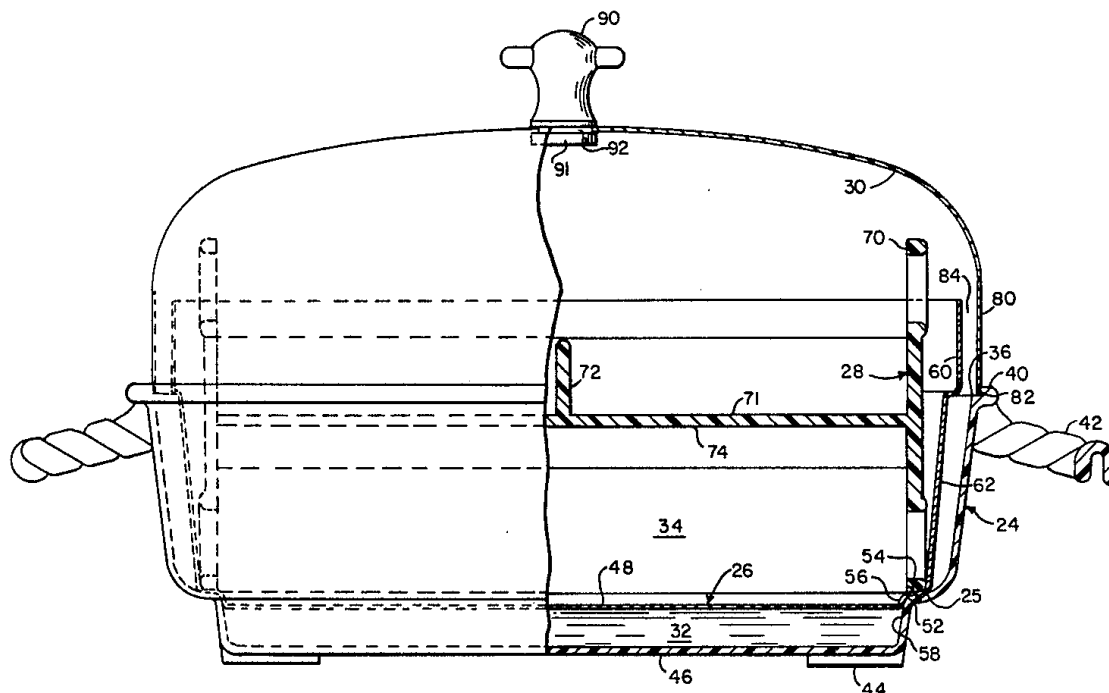
Family 155/200 - FAMPAT - ©Questel

Title

(US4317017)

Microwave steamer

Images



Publication data including kind & date

DE3207680	C2	1992-08-06	DE3207680
JP1577704	C	1990-09-13	JP1577704
JPH0145527	B2	1989-10-04	JP89045527
IT1156243	B	1987-01-28	IT1156243
FR2501031	B1	1986-04-04	FR2501031
GB2097230	B	1984-09-05	GB2097230
CA1156061	A	1983-11-01	CA1156061
GB2097230	A	1982-10-27	GB2097230
JPS57161426	A	1982-10-05	JP57161426
NL8200611	A	1982-10-01	NL8200611
DE3207680	A1	1982-09-30	DE3207680
FR2501031	A1	1982-09-10	FR2501031
BE892338	A	1982-07-01	BE-892338
IT8247882	D0	1982-03-01	IT8247882
US4317017	A	1982-02-23	US4317017



Abstract

(US4317017)

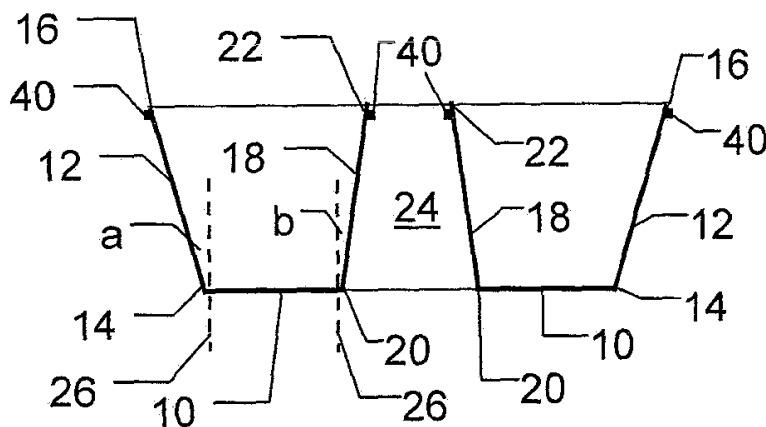
A utensil for steam cooking in a microwave oven. The bottom portion of the utensil is a microwave transparent dish in which water is placed. A metal pan having a plurality of holes in the bottom is supported in the dish in a fixed horizontal alignment with the bottom spaced above the water level. A tray for holding food is positioned in the pan; the tray may be inverted to provide a second support surface configuration. A metallic cover is supported by the dish and is thereby secured in a spaced overlap alignment with the pan to substantially provide a microwave choke therebetween. The water in the dish is heated by microwave energy to provide steam which passes through the holes into the cooking region. Substantially all of the available microwave energy is absorbed by the water as the food is shielded by the combination of the pan, cover, and the choke therebetween.

Inventors

BOWEN ROBERT F

Latest standardized assignees - inventors removed

RAYTHEON

**Publication data including kind & date**[WO2007/043956](#)

A1 2007-04-19 WO200743956

[SE0502267](#)

L 2007-04-14 SE200502267

**Abstract**

(WO2007/043956)

The invention concerns a container device suitable for use in a microwave oven of household type. The container device comprises a container which comprises a first wall (12) which forms the outer limitation of the container and an inner limitation of the space for foodstuff. The container comprises a surface portion (10) which constitutes the bottom (10) of the container, which connects to said first wall (12) and which extends in a direction in towards an inner part of the container. A second wall (18) connects to said surface portion (10). The second wall (18) forms an inner limitation of the space for foodstuff. An inner cavity (24) is defined by said second wall (18). The inner cavity (24) is separated from said space. At least said walls (12, 18) are made of a material which permits transmission of microwaves and which withstands the heat which normally is generated in a microwave oven. The invention also concerns uses of such a device.

Inventors

DANIELSON NIKLAS

Family 158/200 - FAMPAT - ©Questel

Title

(EP1497199)

Uniform microwave heating of food in a container

Images

DK1497199	T3	2006-09-04	DK1497199T				
DE60306136	D1	2006-07-27	DE60306136				
AT329856	T	2006-07-15	ATE329856				
EP1497199	B1	2006-06-14	EP1497199				
US20050040162	A1	2005-02-24	US20050040162				
EP1497199	A1	2005-01-19	EP1497199				
US6777655	B2	2004-08-17	US6777655				
AU2003219131	A1	2003-10-20	AU2003219131				
WO03/084841	A1	2003-10-16	WO200384841				
CA2478503	A1	2003-10-16	CA2478503				
US20030189042	A1	2003-10-09	US20030189042				

Abstract

(EP1497199)

The invention relates to a device and method for ensuring more uniform heating of food by microwaves. The method includes providing food (1) in a portion having a predetermined size and shape; and providing a container (2) adapted for receiving and reheating the portion of food in a microwave oven (5). The container forms a supporting cavity having peripheral sides (3) and a bottom side, with the portion of food placed within the supporting cavity. The peripheral sides of the container are circumferentially shielded by a microwave reflective material that forms a circumference having axial and transverse distances that are determined so as to change the wavelength of resonant modes inside the food thereby resulting in a more uniform heating food pattern.

Inventors

ZHANG HUA

HAYERT-BONNEVEAU LAURENCE

YOUT WILLIAM

HELSTERN GARY

LOIZEAU GERARD

Latest standardized assignees - inventors removed

NESTLE

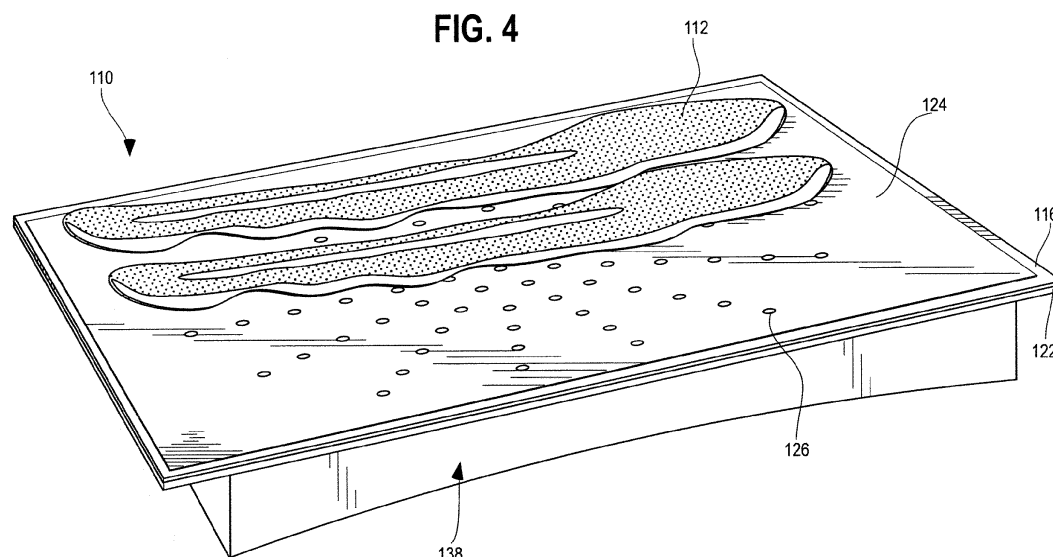
Family 159/200 - FAMPAT - ©Questel

Title

(WO2018102273)

Microwavable packages and food products

Images



Publication data including kind & date

KR10-2019-0089177	A	2019-07-30	KR20190089177
CN110023203	A	2019-07-16	CN110023203
AU2017367999	A1	2019-06-13	AU2017367999
WO2018/102273	A1	2018-06-07	WO2018102273
CA3044524	A1	2018-06-07	CA3044524



Abstract

(WO2018/102273)

In some embodiments, apparatuses and methods are disclosed herein useful to provide convenient, microwavable packages for cooking and crisping food products in a microwave oven are. In some embodiments, the microwavable packaged food product includes an outer package and a quantity of food product contained therein. By one approach, the package has a multilayer microwavable tray having at least three layers including a susceptor layer that includes a microwave energy interactive material thereon and a plurality of discrete openings disposed therein, an absorbent pad layer having a flexible paper-based material suitable for absorbing moisture and grease, and a paperboard base layer that provides a structure by which the susceptor layer and absorbent paper-based layer are supported. In this manner, a microwavable tray or support has at least three macro-layers including a susceptor, an absorbent pad, and a paperboard support, some of which may include additional layers therein as discussed below.

Inventors

URIBE TRAVIS DILLION

PARKER JACOB M

Latest standardized assignees - inventors removed

KRAFT FOODS

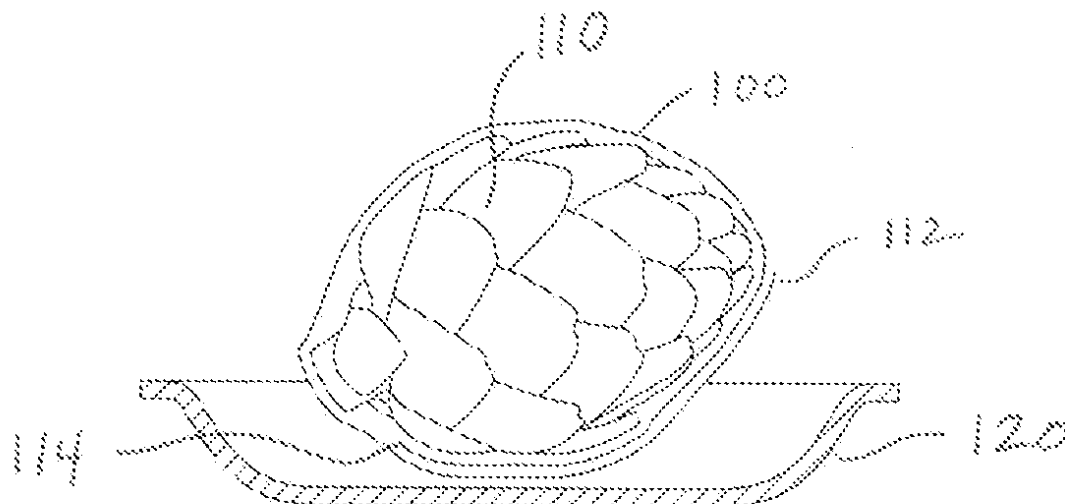
Family 160/200 - FAMPAT - ©Questel

Title

(US20170280930)

Microwavable Cooking Sheet, System and Method

Images

**Publication data including kind & date**[US20170280930](#)

A1 2017-10-05

US20170280930

**Abstract**

(US20170280930)

A cooking device, system and method are disclosed herein. In one embodiment, the method requires a microwavable cooking sheet to be provided, wherein the microwavable cooking sheet is comprised of a single layer of a primary material that is non-plastic and wherein the primary material has a weight of between 18 pounds per 3000 square feet and 60 pounds per 3000 square feet. The microwavable cooking sheet may be wetted and then wrapped completely around food to be cooked in a microwave. The food is cooked in the microwave with the wet microwavable cooking sheet wrapped around the food, such that a pressure increase of at least 3/16th of an inch of H₂O is built-up within the microwavable cooking sheet.

Inventors

JOHNSON ABE

JOHNSON KEITH L

Latest standardized assignees - inventors removed

SIMPLE WISE DESIGNS

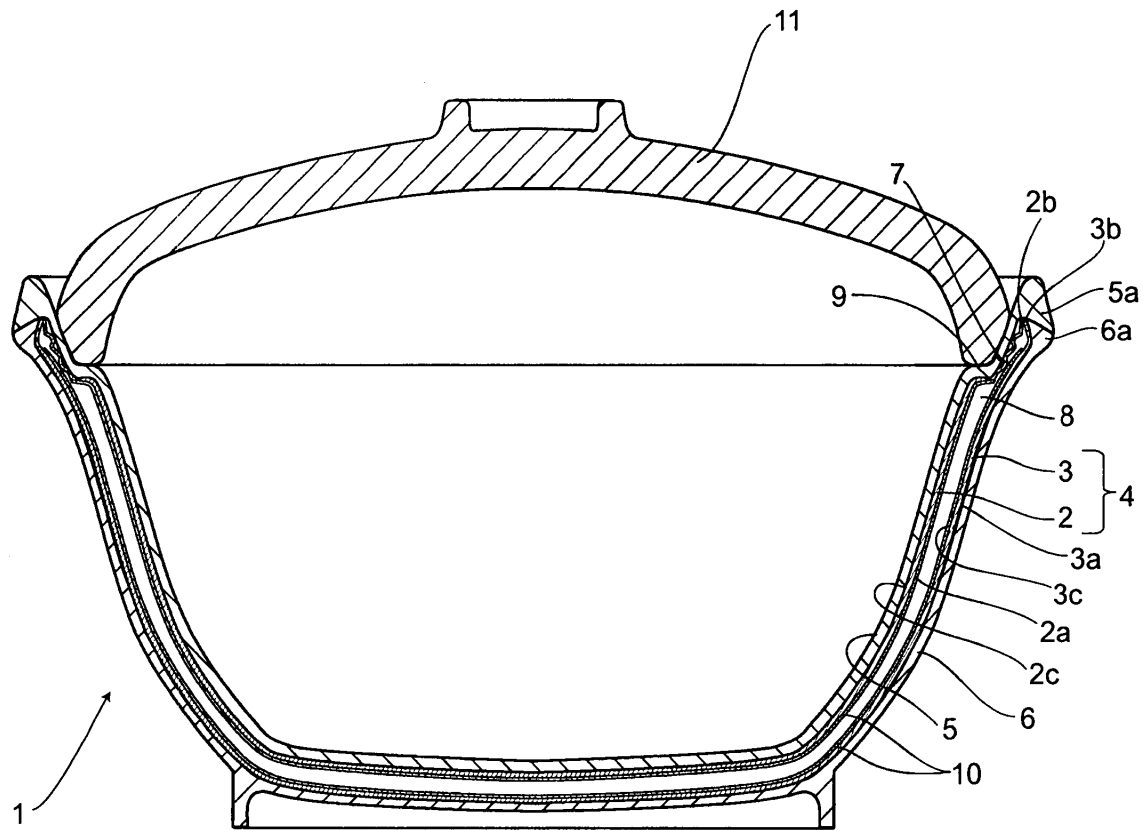
Family 161/200 - FAMPAT - ©Questel

Title

(US20070045302)

Microwave overheating prevention container

Images



Publication data including kind & date

TW200722016	A	2007-06-16	TW200722016
JP2007061247	A	2007-03-15	JP2007061247
KR20070026082	A	2007-03-08	KR20070026082
CN1923095	A	2007-03-07	CN1923095
US20070045302	A1	2007-03-01	US20070045302
CA2556519	A1	2007-02-28	CA2556519



Abstract

(US20070045302)

A microwave overheating prevention container has at least an external surface in internal and external surfaces of a metallic container coated with a nonmetallic material which is a synthetic resin material. The metallic container comprises an internal container and an external container where end faces are joined together with a space provided between the internal and external containers. The space between the internal container and the external container is vacuumed.

Inventors

FUJII TAKAFUMI

KOBAYASHI YU

Latest standardized assignees - inventors removed

THERMOS LIABILITY

THERMOS

Family 162/200 - FAMPAT - ©Questel

Title

(EP1749757)

Package for steam cooking of food in a microwave oven

Images

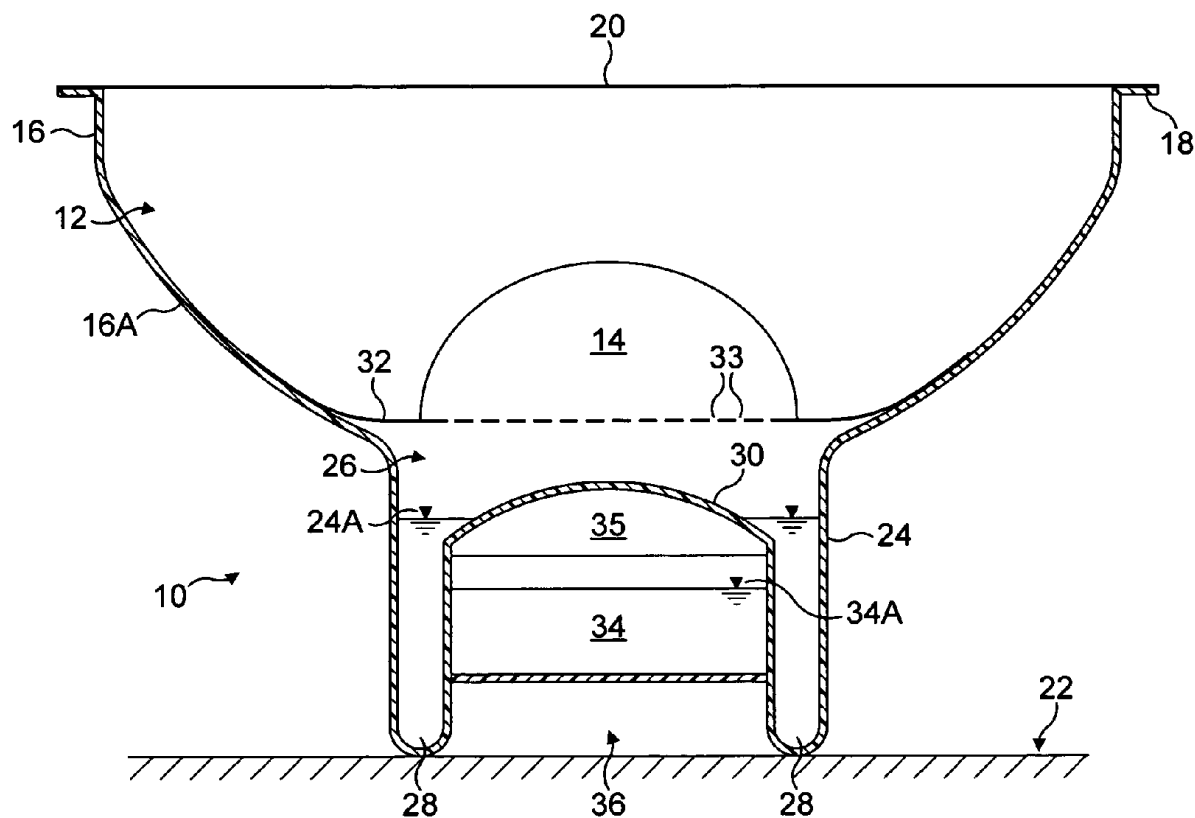


FIG. 1

Publication data including kind & date

EP1749757

A2 2007-02-07

EP1749757

GB0516226

D0 2005-09-14

GB200516226

**Abstract**

(EP1749757)

A disposable microwave packaging 10 includes a first chamber 12 for solid food product 14 and a second chamber 34 for a liquid accompaniment. A reservoir 26 of steam generating liquid is provided around the second chamber 34. The reservoir 26 and/or its liquid content is configured for rapidly generating steam to steam cook the solid food product 14, whilst also providing a barrier to the microwave penetration of the liquid accompaniment. The electrolytic property of the liquid and the dimensions of the barrier can be varied to control the ration of steam cooking to direct microwave cooking.

Inventors

CHOUIKHI SIDI MOHAMED

Latest standardized assignees - inventors removed

GEEST

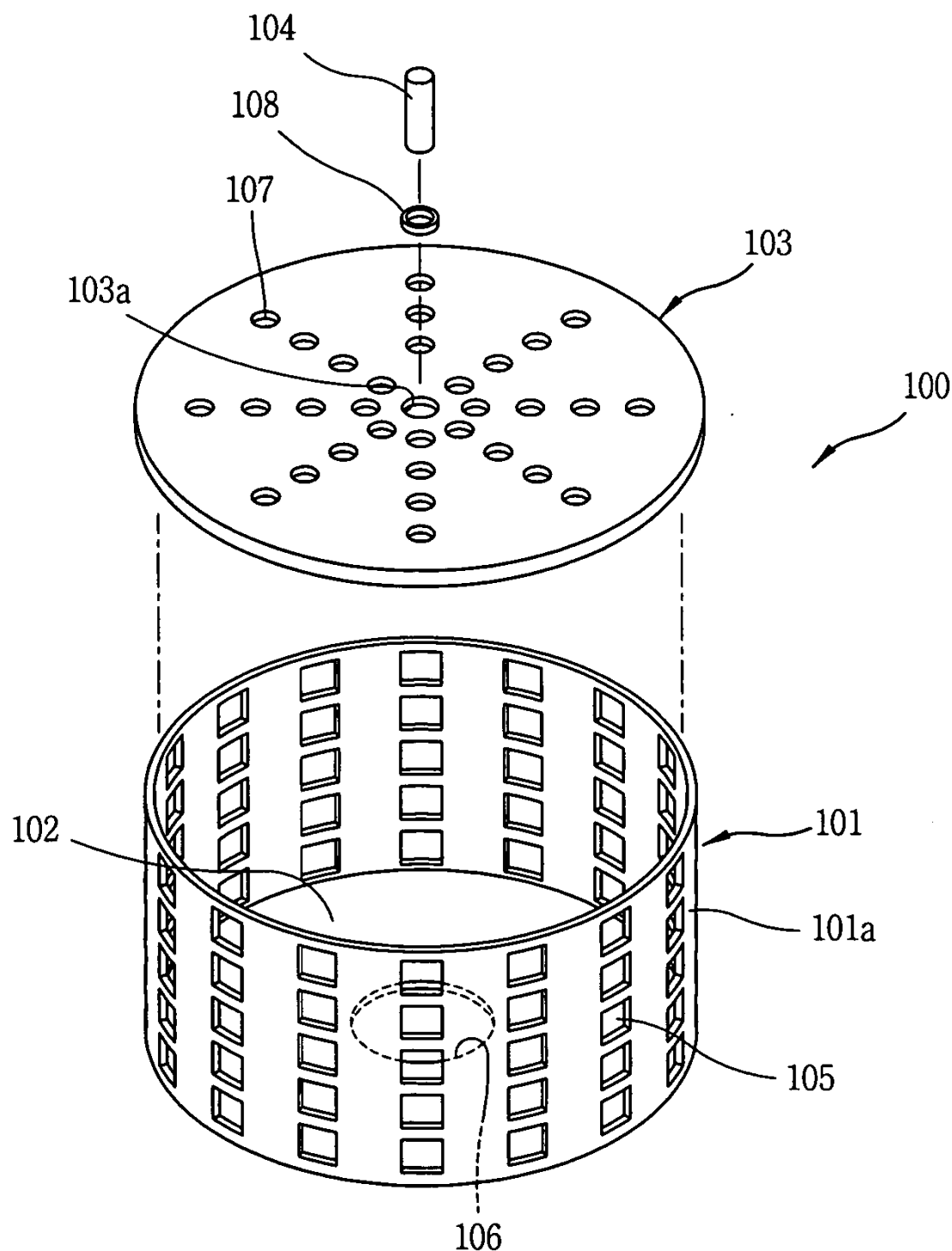
Family 163/200 - FAMPAT - ©Questel

Title

(EP1715727)

Defrost vessel for microwave oven

Images



Publication data including kind & date

EP1715727	A3	2007-09-26	EP1715727
US7247823	B2	2007-07-24	US7247823
KR100677273	B1	2007-02-02	KR100677273
JP2006297054	A	2006-11-02	JP2006297054
CN1854612	A	2006-11-01	CN1854612
US20060237452	A1	2006-10-26	US20060237452
EP1715727	A2	2006-10-25	EP1715727
KR20060110540	A	2006-10-25	KR20060110540



Abstract

(EP1715727)

A defrost vessel for a microwave oven comprises a body having a certain space therein for receiving a refrigerating load,

and an antenna connected to the body for oscillating a microwave into the space of the body in a main mode. When microwave is supplied into a cavity of the microwave oven, the microwave is oscillated into the space of the body in a main mode by the antenna and thus the microwave is deeply penetrated up to inside of the refrigerating load. Also, the microwave is secondly emitted into the space of the body from an edge of the slot, thereby completely defrosting the refrigerating load.

Inventors

LEE WON-HUI

KIM EUNG-SU

Latest standardized assignees - inventors removed

LG ELECTRONICS

Family 164/200 - FAMPAT - ©Questel

Title

(EP-382399)

Methods and devices used in the microwave heating of foods and other materials.

Images

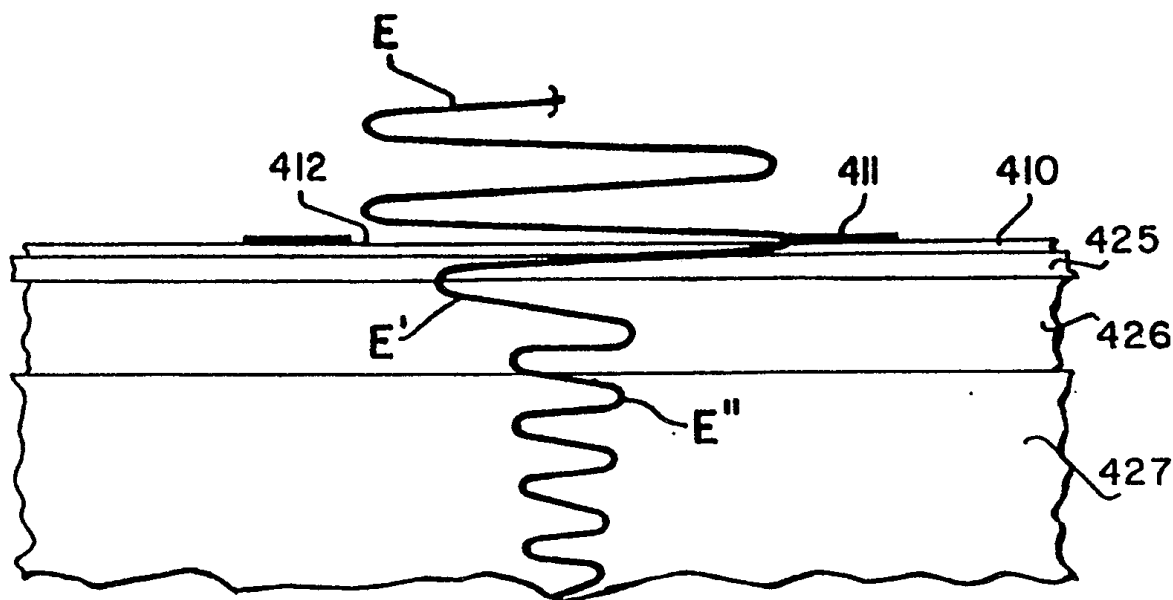


FIG. 42

Publication data including kind & date

JP3049071	B2	2000-06-05	JP3049071
CA1339540	C	1997-11-11	CA1339540
DE69014331	T2	1995-04-27	DE69014331
DE69014331	D1	1995-01-12	DE69014331
AT114598	T	1994-12-15	ATE114598
EP0382399	B1	1994-11-30	EP-382399
AU628918	B2	1992-09-24	AU-628918
EP0382399	A3	1992-02-12	EP-382399
BR9000574	A	1991-01-15	BR9000574
BRPI9000574	A1	1991-01-15	BR9000574
JPH02270294	A	1990-11-05	JP02270294
ZA9000446	B	1990-10-31	ZA9000446
EP0382399	A2	1990-08-16	EP-382399



AU4917190	A	1990-08-16	AU9049171
NO900546	L	1990-08-10	NO-900546
FI900648	A0	1990-02-09	FI9000648
NO900546	D0	1990-02-05	NO9000546

**Abstract**

(EP0382399)

A method and device for enhancing the heating of a surface layer (426) of an article being heated by microwave energy (E) is characterised by directing the energy through the surface layer into a main portion (427) of the article in such a manner that the modes of the energy (E min) are in cut-off in the surface layer.

Inventors

KEEFER RICHARD M

LACROIX CINDY MARIE

Latest standardized assignees - inventors removed

ALCAN INTERNATIONAL

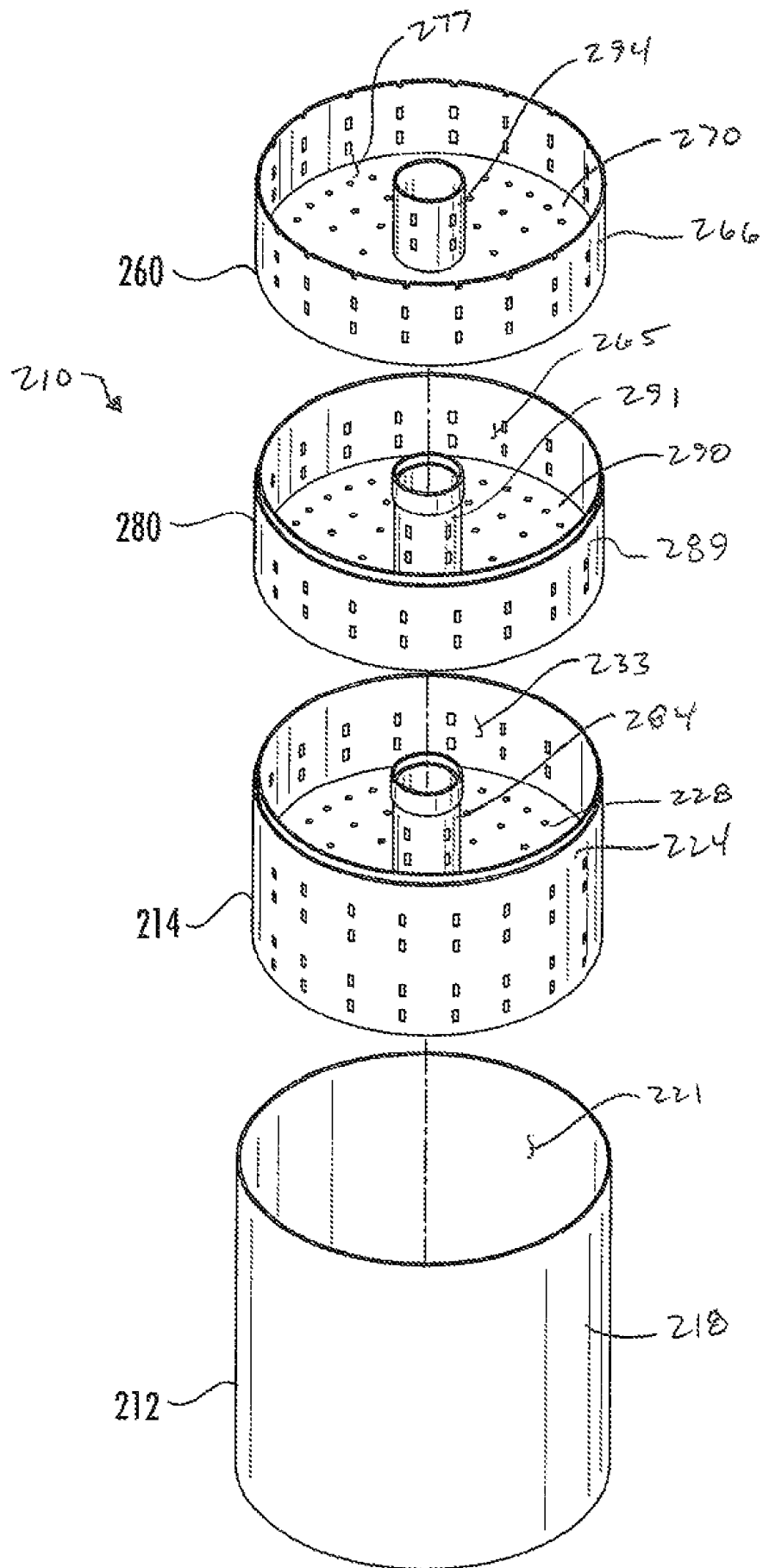
Family 165/200 - FAMPAT - ©Questel

Title

(EP3003902)

Package for combined steam and microwave heating of food

Images



Publication data including kind & date

US10301100	B2	2019-05-28	US10301100				
CA2910074	C	2018-07-24	CA2910074				
JP6323884	B2	2018-05-16	JP6323884				
US20170240336	A1	2017-08-24	US20170240336				
US9676539	B2	2017-06-13	US9676539				
EP3003902	A4	2017-01-18	EP3003902				
JP2016523775	A	2016-08-12	JP2016523775				
EP3003902	A1	2016-04-13	EP3003902				
MX2015015686	A	2016-03-04	MX2015015686				
WO2014/190266	A1	2014-11-27	WO2014190266				
US20140348989	A1	2014-11-27	US20140348989				
CA2910074	A1	2014-11-27	CA2910074				

Abstract

(EP3003902)

A package for combined steam and microwave heating of food, wherein the package may include microwave energy interactive materials ("MEIMs") configured for providing rapid, simultaneous microwave and steam cooking in a domestic microwave oven. The MEMs may be configured for controlling the heating pattern within the package and to control volumetric heating of food in the package. The MEIMs may include one or more of a susceptor, shield, and/or resonating patch antenna. The package may be paper-based, or it may be manufactured of any other suitable material. One or more of the different sections of the package may comprise separate chambers respectively for the steam source and the food to be steamed, so that the steam source and the food to be steamed are separated from one another during manufacturing, storage, and cooking.

Inventors

RESURRECCION FERMIN

SLOAT JEFFREY T

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

FIELD CONTAINER QUERETARO

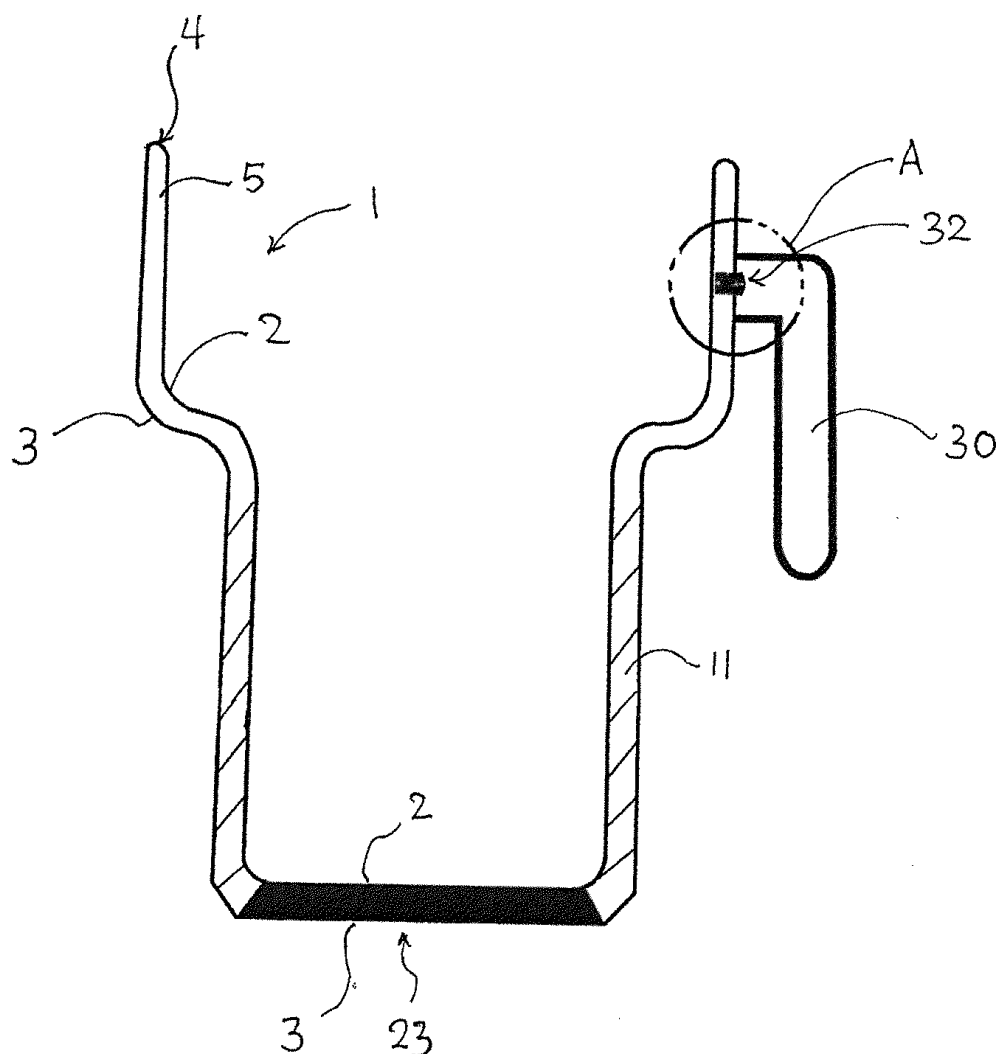
Family 166/200 - FAMPAT - ©Questel

Title

(US20150259124)

Travel mug for microwave oven

Images

**Publication data including kind & date**[US20150259124](#)

A1 2015-09-17

US20150259124

**Abstract**

(US20150259124)

A vessel that is made of metal materials and can be used for microwave oven, including a container having a double-layered structure with an inner shell and an outer shell. The inner shell and said outer shell are joined by a joint in such a way that a cavity is provided therebetween, and a heat transfer medium is filled to at least part of said cavity. A microwave-heating plate is provided between the inner and outer shells and the microwave-heating plate comprises a MnZn-Ferrite-rubber fuse-compounded thereto. A thermochromic paint is disposed on one side of said outer shell. A pressure release device is provided at one side of said outer shell.

Inventors

PARK JONG PETER

Family 167/200 - FAMPAT - ©Questel

Title

(EP-921992)

Microwavable container

Images

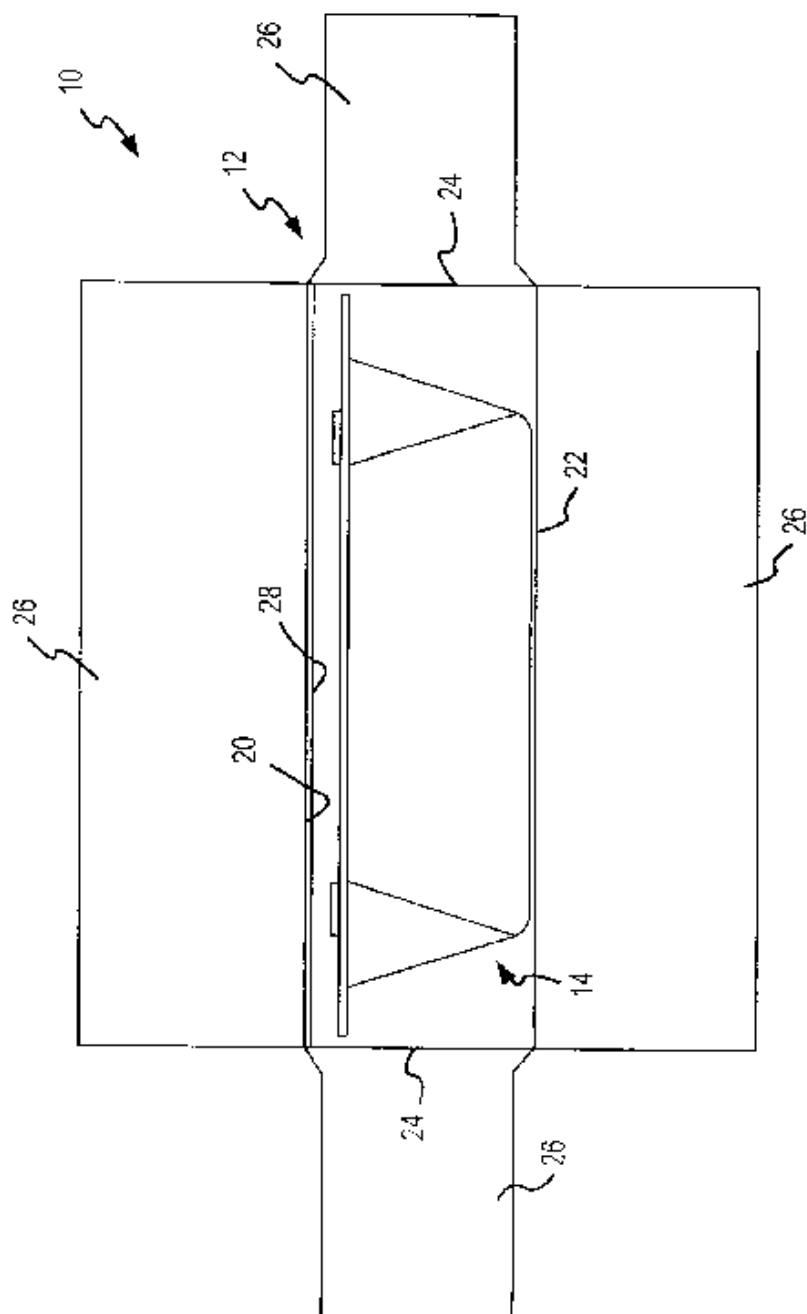


FIG.1

Publication data including kind & date

CA2264121	C	2004-07-20	CA2264121
DE69709756	T2	2002-08-22	DE69709756
DE69709756	D1	2002-02-21	DE69709756
EP0921992	B1	2001-11-21	EP-921992
US6150646	A	2000-11-21	US6150646
EP0921992	A1	1999-06-16	EP-921992
AU4006497	A	1998-03-19	AU9740064
WO98/08750	A1	1998-03-05	WO9808750
CA2264121	A1	1998-03-05	CA2264121



Abstract

(EP0921992)

A microwavable container includes an outer sleeve (12) and an inner tray (14) within the sleeve designed to carry a food product. A first active microwave energy heating element (28) is on the sleeve and disposed opposite the tray. A second active microwave energy heating element (74-102) is within the tray. The second microwave energy heating element has patterns of microwave energy interactive material on the bottom (60) and side walls (62) of the tray configured to permit a controlled degree of penetration of incident microwave energy through the bottom wall to channel microwave energy towards a central region of the tray and to promote browning of a food product carried by the tray about its periphery.

Inventors

LAI LAWRENCE

ZENG NEILSON

Latest standardized assignees - inventors removed

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

BLUEGRASS LABELS

GRAPHIC PACKAGING

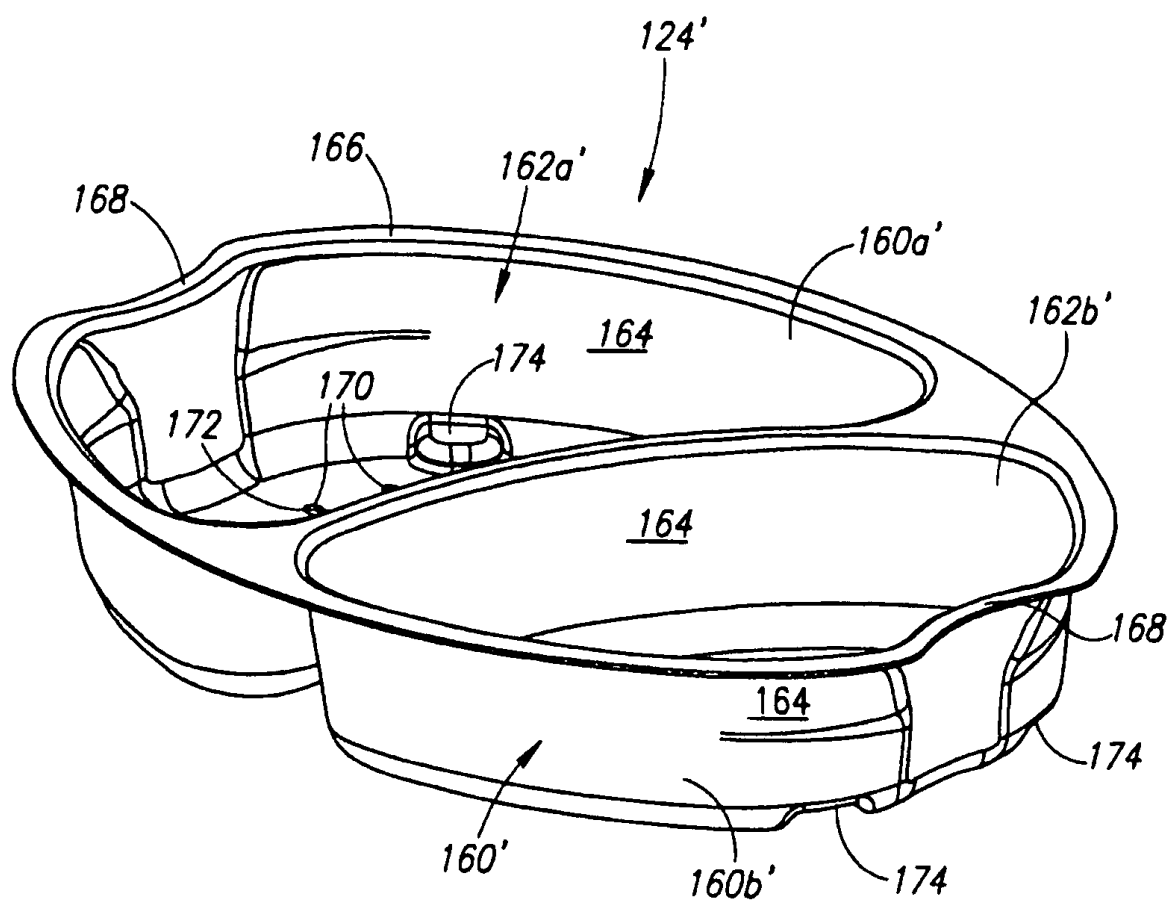
Family 168/200 - FAMPAT - ©Questel

Title

(EP2212219)

Cooking apparatus and food product

Images



Publication data including kind & date

US20170121095 A1 2017-05-04 US20170121095

US20170121096 A1 2017-05-04 US20170121096

US9505542 B2 2016-11-29 US9505542

US9211030 B2 2015-12-15 US9211030



CA2582835	C	2015-03-10	CA2582835				
US8850964	B2	2014-10-07	US8850964				
CA2607482	C	2014-05-27	CA2607482				
US20130171300	A1	2013-07-04	US20130171300				
EP2212219	B1	2013-05-22	EP2212219				
US20130011526	A1	2013-01-10	US20130011526				
US8302528	B2	2012-11-06	US8302528				
USD653495	S1	2012-02-07	USD653495				
USD636218	S1	2011-04-19	USD636218				
USD635816	S1	2011-04-12	USD635816				
USD635817	S1	2011-04-12	USD635817				
EP2212219	A1	2010-08-04	EP2212219				
MX2010003111	A	2010-06-01	MX2010003111				
WO2009/042580	A1	2009-04-02	WO200942580				
CA2699602	A1	2009-04-02	CA2699602				
US20090078125	A1	2009-03-26	US20090078125				
CA2607482	A1	2008-08-05	CA2607482				
CA2582835	A1	2007-12-09	CA2582835				
US20070181008	A1	2007-08-09	US20070181008				
US20070090103	A1	2007-04-26	US20070090103				

Abstract

(EP2212219)

An ovenable cooking apparatus (20) for facilitating the cooking of food components while maintaining the separateness thereof may include a first container (22) for holding a first food component, and a second container (24) for holding a second food component. The separation of the first food component from the second food component maintains the surface area for the first and second food components to facilitate heating of the first and second food components. The first food component may have a liquid based content for producing steam when heated, and one or both of the first container and the second container may define a passage (70) for providing airflow and steam flow for contacting the second container and/or the second foodstuff and heating or steaming the second food component. Additionally, the second container may be steam impermeable for cooking bread and the like.

Inventors

PAWLICK ADAM

GOERL KEITH

OPAT MICHAEL R JR

ZIELKE JULIA A

BAKER STEVEN R

FRANCE DAVID W

Latest standardized assignees - inventors removed

CONAGRA FOODS

Family 169/200 - FAMPAT - ©Questel

Title

(US5837979)

Microwave cooking vessel with removable food supports and storage clip

Images

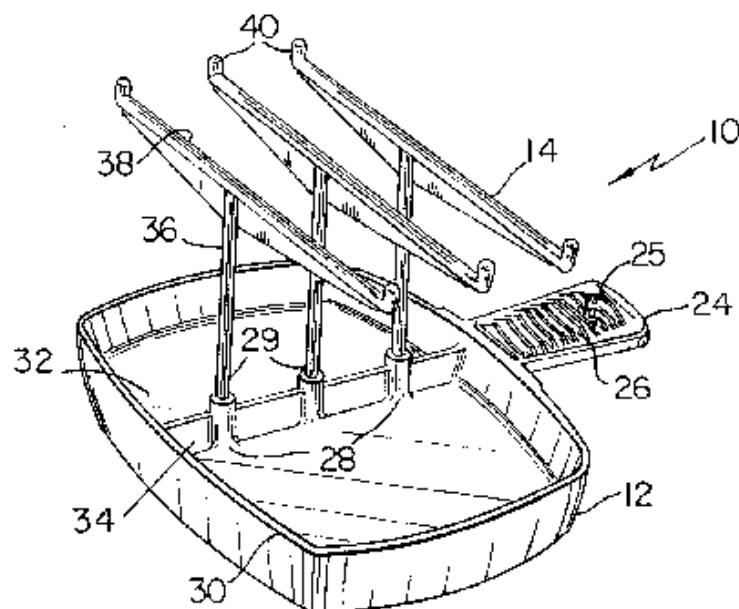


FIG. 1

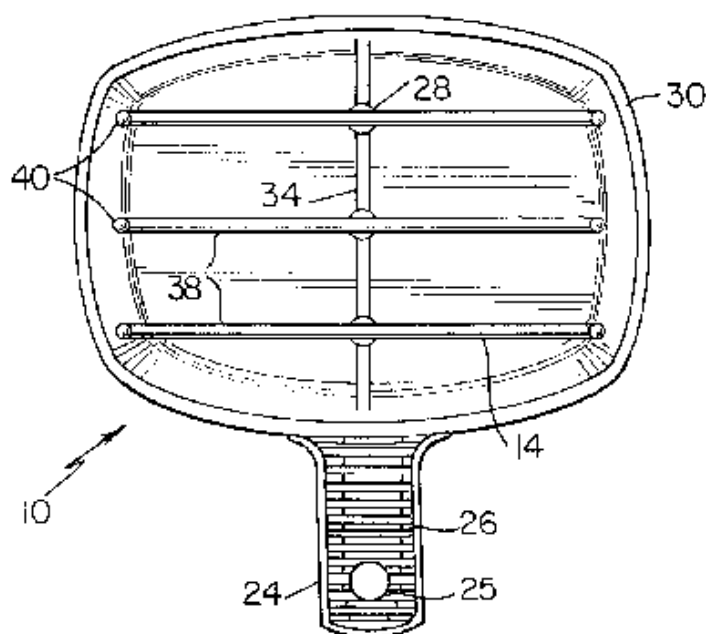


FIG. 2

Publication data including kind & date

US5837979

A

1998-11-17

US5837979

**Abstract**

(US5837979)

Foods cook especially effectively in microwave ovens when raised above the level of the floor of the oven, and arrayed to occupy the volume of the oven chamber while the food portions, such as bacon strips, are hung to permit grease to rapidly drain from the cooking strips. The disclosed system 10 includes a dish 12 sized to catch the resulting liquids. Food supports 14 which attach to protrusions 28 projecting up from the bottom of the dish. The system is held together for sale or storage by a clip 80 which attaches to these same protrusions to trap the upright supports in the dish cavity. The dish preferably includes a handle 24 with cooling ribs 26.

Inventors

FLECK JONATHAN E

FLECK ABIGAIL M

Latest standardized assignees - inventors removed

DE F

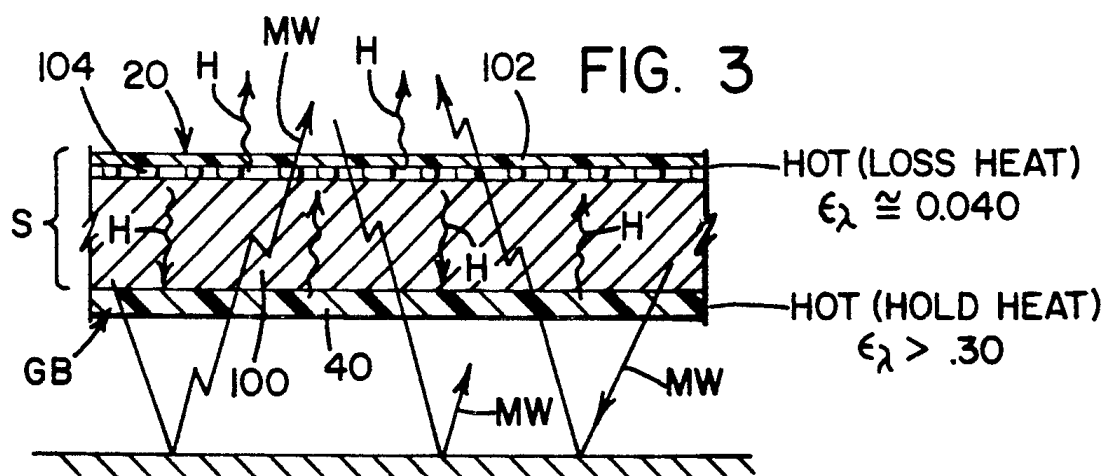
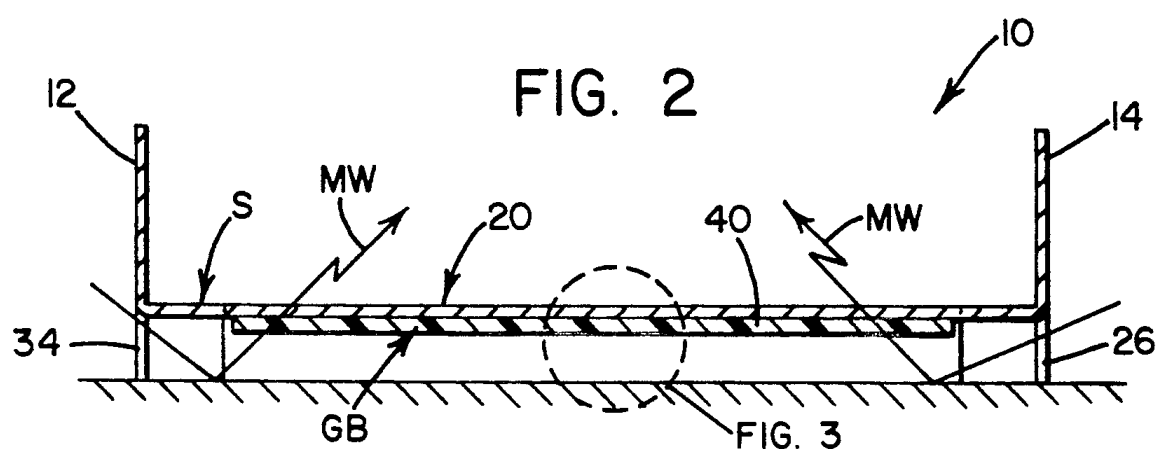
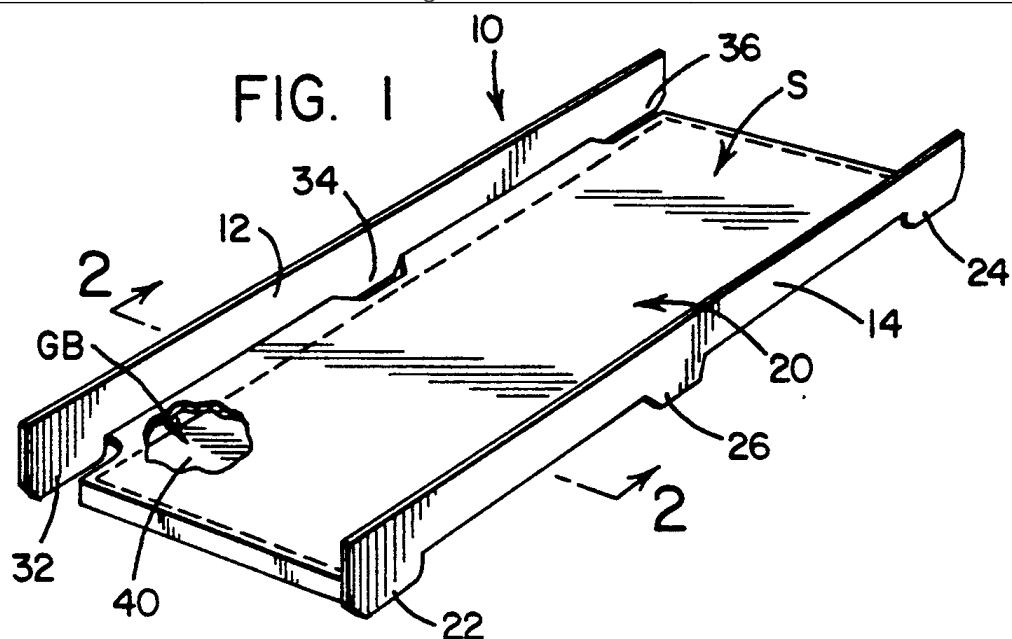
Family 170/200 - FAMPAT - ©Questel

Title

(EP-451530)

Microwave susceptor sheet stock with heat control

Images



$$R_T = 5.670 \times 10^{-12} T^4 \text{ (BLACKBODY)}$$

$$\propto R_T = \epsilon R_T \text{ (GRAYBODY)}$$

$$\propto = \epsilon \cong 97 - 20 @ 300^\circ\text{F}$$

Publication data including kind & date

GR3021104

T3 1996-12-31

GR3021104

DE69120997

T2 1996-12-19

DE69120997

DK0451530

T3 1996-12-02

DK-451530T



ES2090158	T3	1996-10-16	ES2090158
DE69120997	D1	1996-08-29	DE69120997
AT140673	T	1996-08-15	ATE140673
EP0451530	B1	1996-07-24	EP-451530
AU636465	B2	1993-04-29	AU-636465
US5144107	A	1992-09-01	US5144107
JP04230992	A	1992-08-19	JP04230992
EP0451530	A3	1992-05-06	EP-451530
AU7355391	A	1991-10-17	AU9173553
EP0451530	A2	1991-10-16	EP-451530
CA2036517	A1	1991-10-12	CA2036517



Abstract

(EP0451530)

In a blankable, foldable microwave reactive heat susceptor sheet stock of the type having two generally parallel surfaces and comprising a thin paperboard sheet with a laminated, continuous, microwave reactive layer including a microwave permeable support film with a microwave reactive layer including a microwave permeable support film with a microwave reactive stratum, there is provided an improvement comprising a graybody layer with an absorptivity over about 0.50 and microwave permeable with the graybody layer being applied coextensively with at least a portion of the parallel surfaces so that heat created by the interactive stratum will be absorbed and available from the graybody layer.

Inventors

PELEG YIGAL

Latest standardized assignees - inventors removed

NESTLE

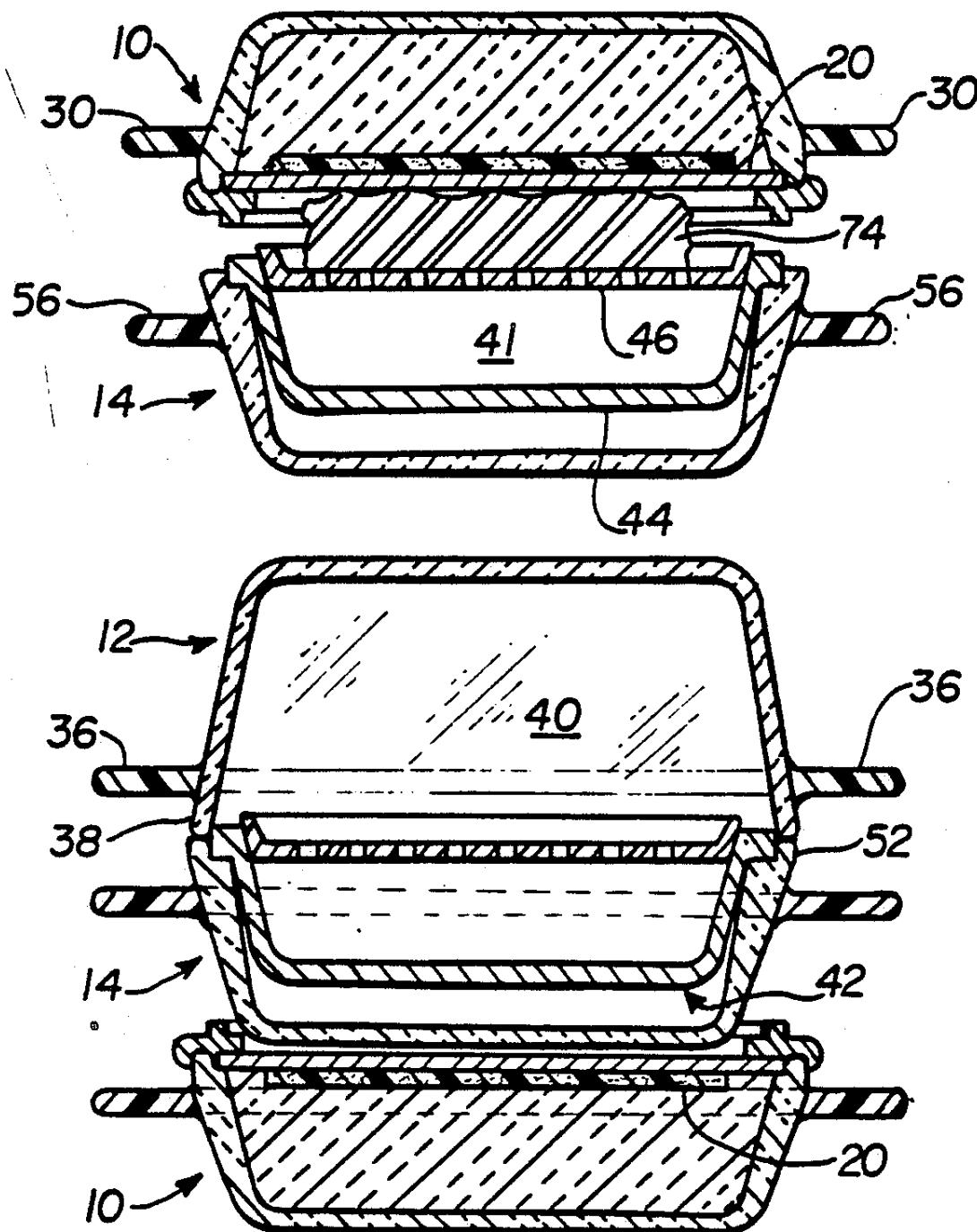
Family 171/200 - FAMPAT - ©Questel

Title

(US4906806)

Cooking kit with heat generating member for microwave oven and methods for microwave cooking

Images



Publication data including kind & date

US5045660	A	1991-09-03	US5045660
US4923704	A	1990-05-08	US4923704
US4906806	A	1990-03-06	US4906806



Abstract

(US4906806)

An assembly of elements is provided for cooking food in a microwave oven. A heat generating member, a chamber forming member, a collector member and optionally a pan member are provided for assembly in various combinations and sub-combinations. The heat generating member has a metal grilling plate and a coating of microwave absorptive material on one surface and is mounted in a microwave transmissive vessel having an upper sealing rim. A microwave transmissive bowl has a rim engageable with the sealing ring to establish a chamber which will sustain superatmospheric pressures. A collector element having a microwave transmissive pot, a metal pot engaged with the microwave transmissive pot and a perforated metal plate engaged with the metal pot can be combined with the heat generating element as a food heating combination, e.g., a steak cooker. A flared sleeve can be added to provide a popcorn baker assembly. New and improved

methods are disclosed for baking two-crust pies; baking pizza pies; frying foods such as eggs; baking cakes; steaming food; and other food heating, cooking, roasting, baking, frying, steaming applications.

Inventors

LEVINSON MELVIN L

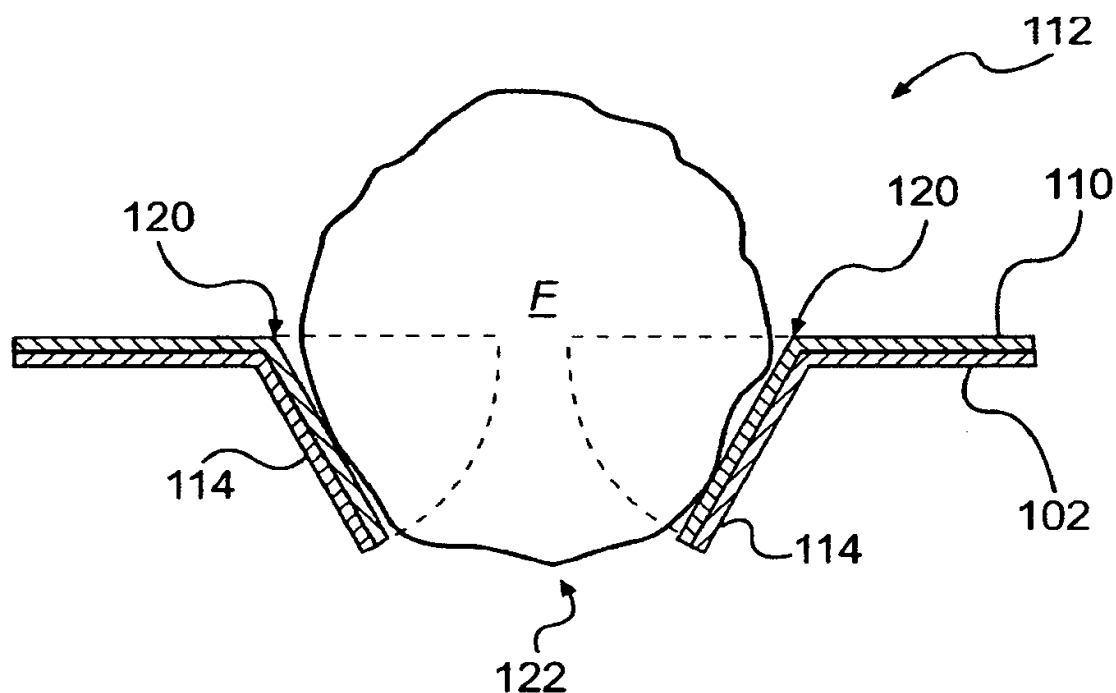
Family 172/200 - FAMPAT - ©Questel

Title

(WO2007123611)

Microwavable construct for heating, browning, and crisping rounded food items

Images



Publication data including kind & date

CA2643468	C	2012-11-20	CA2643468
JP5123287	B2	2012-11-02	JP5123287
JP2009532088	A	2009-09-10	JP2009532088
WO2007/123611	A1	2007-11-01	WO2007123611
CA2643468	A1	2007-11-01	CA2643468



Abstract

(WO2007/123611)

Various blanks, trays, cartons, systems, and other constructs for heating, browning, and/or crisping a food item are provided.

Inventors

NOYELLE MARIE-LINE

TALPAERT ARNAUD

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

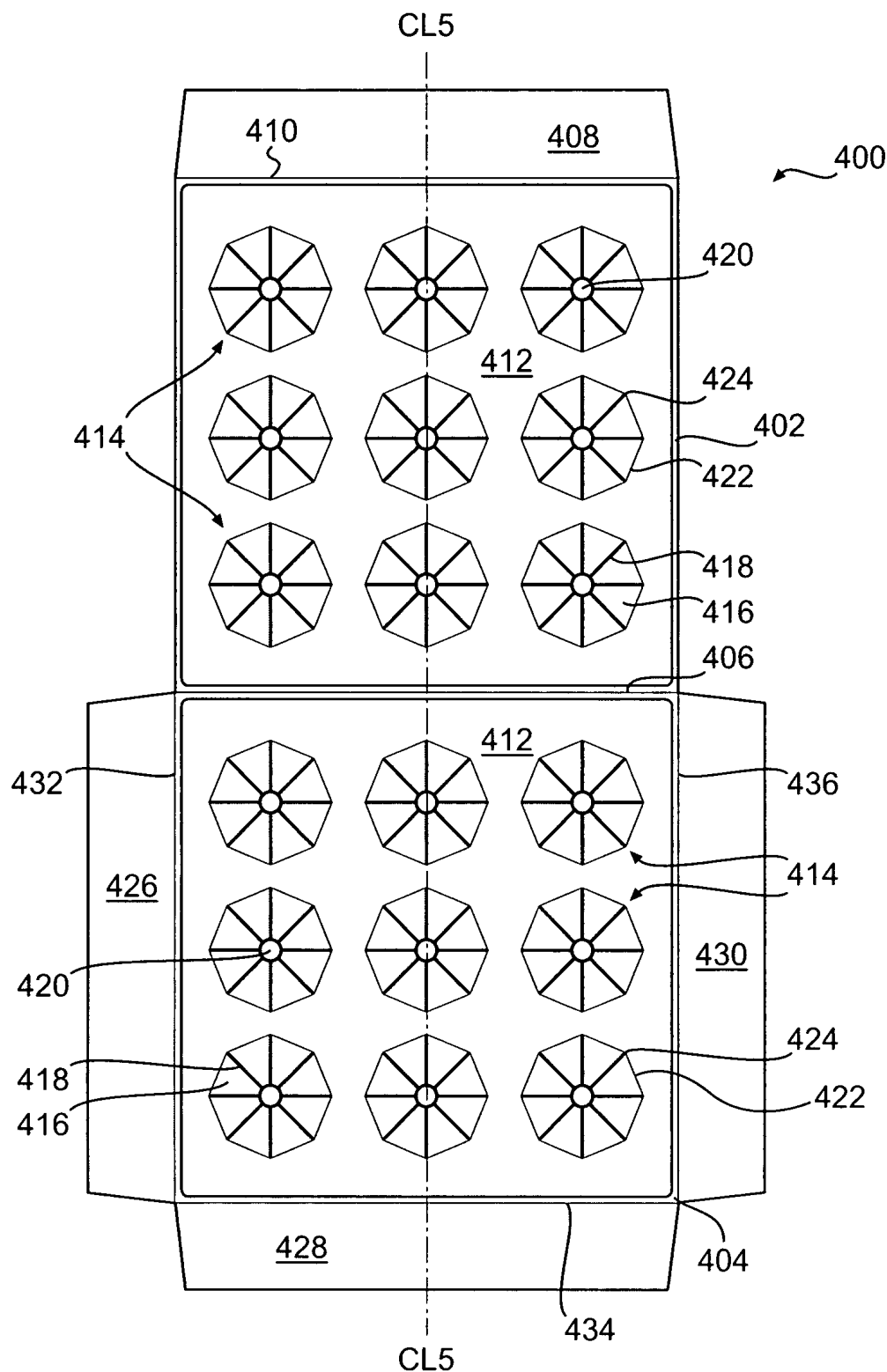
Family 173/200 - FAMPAT - ©Questel

Title

(EP1840047)

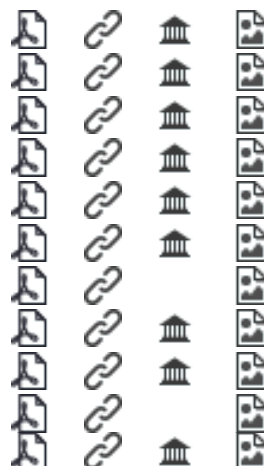
Microwavable construct for heating, browning and crisping rounded food item

Images



Publication data including kind & date

US8853601	B2	2014-10-07	US8853601
EP2263951	B1	2012-07-11	EP2263951
US20120000905	A1	2012-01-05	US20120000905
US8008609	B2	2011-08-30	US8008609
DE602006018372	D1	2010-12-30	DE602006018372
EP2263951	A1	2010-12-22	EP2263951
AT488452	T	2010-12-15	ATE488452
EP2077240	B1	2010-11-17	EP2077240
DE602006008741	D1	2009-10-08	DE602006008741
AT440791	T	2009-09-15	ATE440791



EP1840047	B1	2009-08-26	EP1840047
EP2077240	A1	2009-07-08	EP2077240
US20070228036	A1	2007-10-04	US20070228036
EP1840047	A1	2007-10-03	EP1840047

**Abstract**

(EP1840047)

Various blanks, trays, cartons, systems, and other constructs for heating, browning, and/or crisping a food item are provided.

Inventors

NOYELLE MARIE-LINE

TALPAERT ARNAUD

Latest standardized assignees - inventors removed

FIELD CONTAINER QUERETARO

GRAPHIC PACKAGING HOLDING

BLUEGRASS LABELS

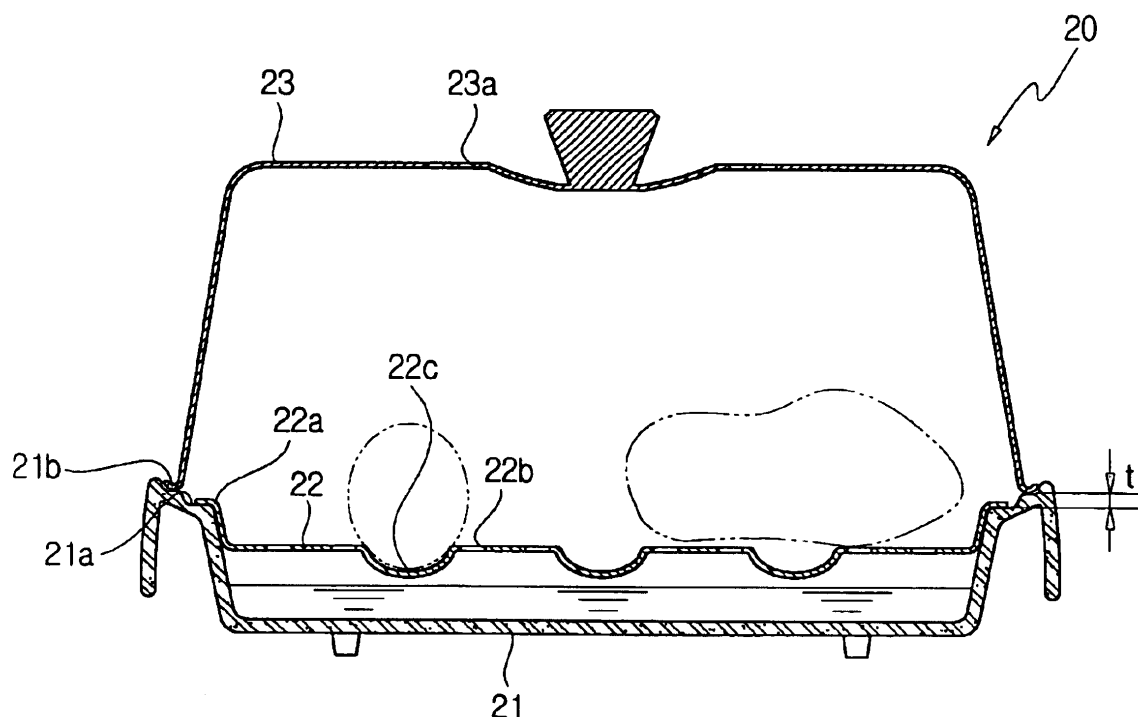
GRAPHIC PACKAGING

Family 174/200 - FAMPAT - ©Questel

Title

(EP1419721)

Cooking vessel used with microwave ovens

Images**Publication data including kind & date**

DE60304118	T2	2007-04-19	DE60304118
CN1259880	C	2006-06-21	CN1259880C
DE60304118	D1	2006-05-11	DE60304118
EP1419721	B1	2006-03-22	EP1419721
RU2003124910	A	2005-02-10	RU2003124910
US6803551	B2	2004-10-12	US6803551
RU2236162			



	C1	2004-09-20	RU2236162
JP2004167208	A	2004-06-17	JP2004167208
CN1500431	A	2004-06-02	CN1500431
KR20040043022	A	2004-05-22	KR20040043022
US20040094544	A1	2004-05-20	US20040094544
EP1419721	A1	2004-05-19	EP1419721



Abstract

(EP1419721)

A cooking vessel used with microwave ovens, which produces steam through a microwave heating method and cooks food using the steam. The cooking vessel includes a lower body (21) containing water therein and made of a microwave permeable material. A food supporting plate (22) is seated, at its edge, on an upper edge of the lower body (21) in such a way as to be spaced apart from a bottom of the lower body (21), and is made of a microwave blocking material. A plurality of perforations (22b) are formed on the food supporting plate (22) to allow steam to pass. A lid (23) covers the lower body (21), and is made of a microwave blocking material. A steam discharging hole (23a) is formed on the lid (23). The lid (23) is seated at its lower edge on the upper edge of the lower body (21) in such a way that the lower edge of the lid (23) is spaced apart from the edge of the food supporting plate (22) by a predetermined interval (t), thus allowing a predetermined amount of microwaves to penetrate into the lid (23).

Inventors

KIM HYANG-KI

JEON IN KI

KIM SUNG KWANG

Latest standardized assignees - inventors removed

SAMSUNG ELECTRONICS

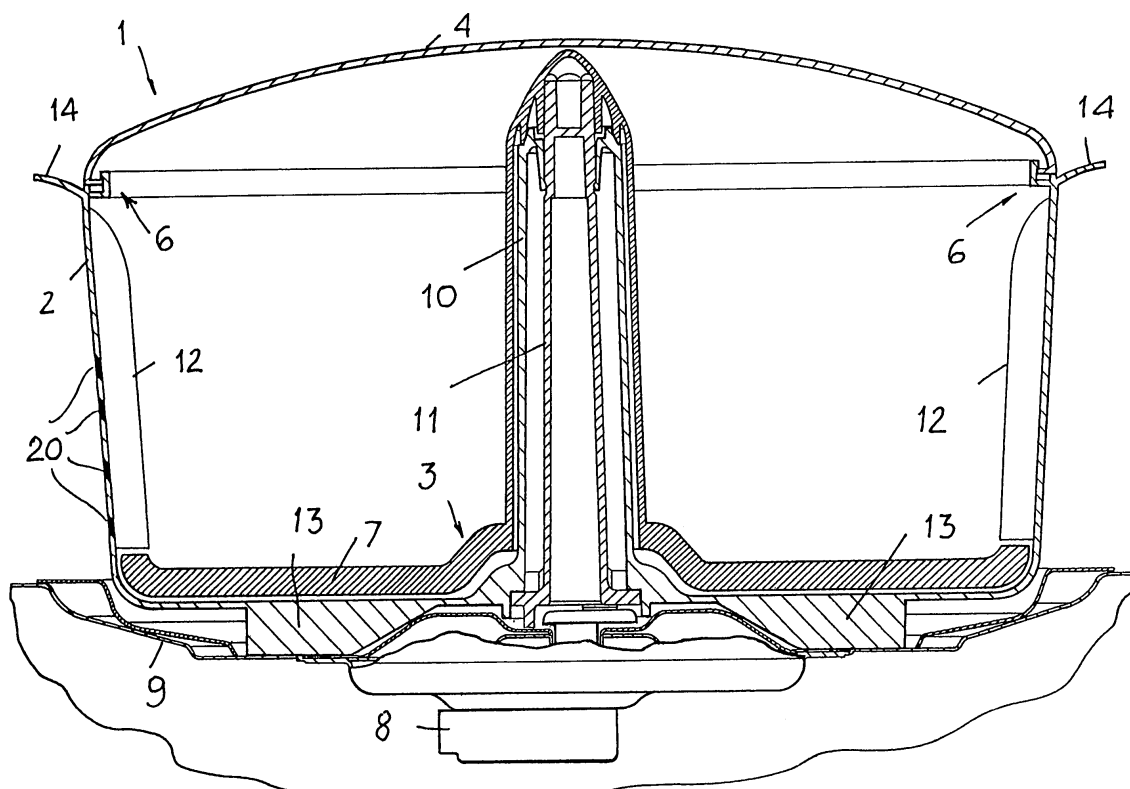
Family 175/200 - FAMPAT - ©Questel

Title

(EP1437957)

Device and procedure for cooking a food product with microwaves

Images



Publication data including kind & date

CN100420411	C	2008-09-24	CN100420411C				
DE60214214	T2	2007-07-12	DE60214214				
DE60214214	D1	2006-10-05	DE60214214				
AT336935	T	2006-09-15	ATE336935				
EP1437957	B1	2006-08-23	EP1437957				
US7026591	B2	2006-04-11	US7026591				
CN1571642	A	2005-01-26	CN1571642				
US20040250689	A1	2004-12-16	US20040250689				
EP1437957	A1	2004-07-21	EP1437957				
WO03/032793	A1	2003-04-24	WO200332793				
ITMI20012147	A1	2003-04-17	IT2001MI2147				

Abstract

(EP1437957)

The device for cooking a food product with microwaves; comprises a container ∥2∥ for the food product to be cooked in a liquid and means ∥7∥ for displacing the food product in the liquid inside the container; The container and the displacement means are made from material suitable for being used in the presence of microwaves; The procedure for cooking a food product with microwaves consists of putting the food product in a liquid possibly adding other ingredients; of setting the microwave cooking time in the liquid and of mixing the food product;

Inventors

DE LONGHI GIUSEPPE

Latest standardized assignees - inventors removed

DE LONGHI

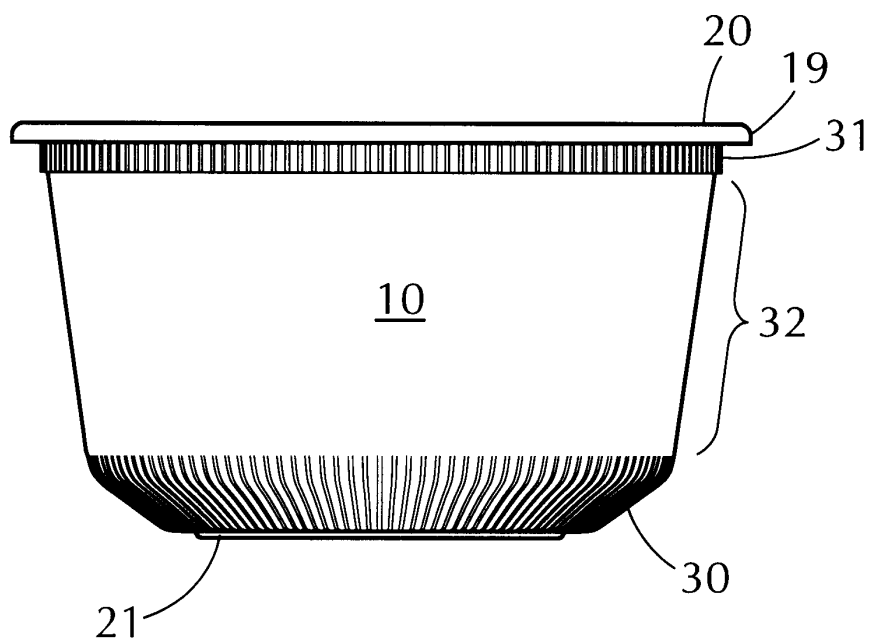
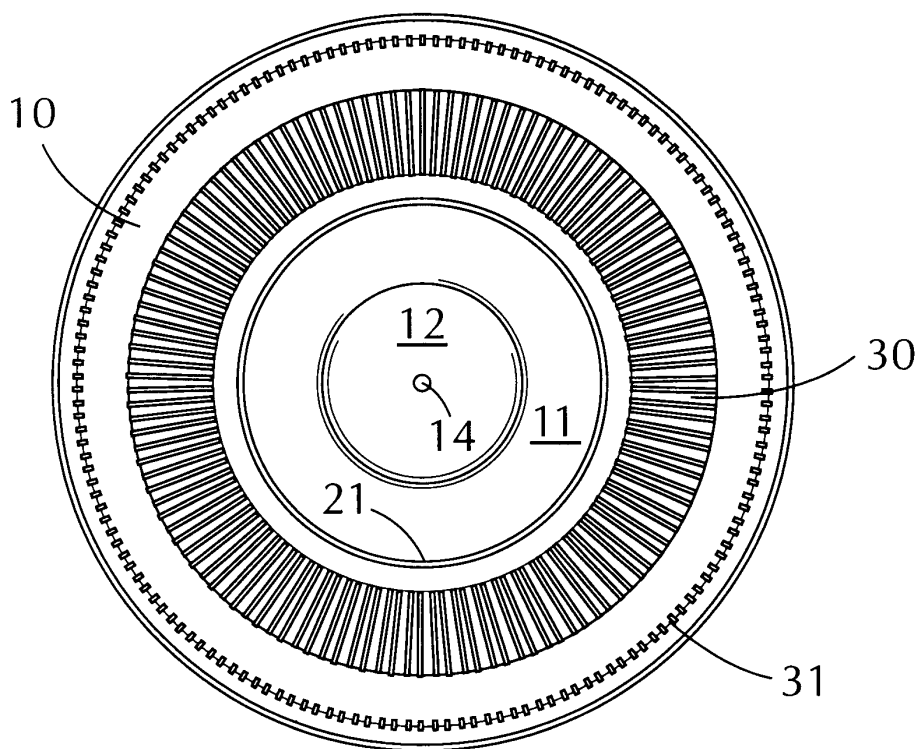
Family 176/200 - FAMPAT - ©Questel

Title

(EP1046346)

Microwavable pasta in a bowl

Images

**FIG. 1****FIG. 2**

Publication data including kind & date

BRPI9901987	A2	2010-03-23	BR199901987				
BRPI9901987	A1	2009-01-27	BR199901987				
DE69914400	T2	2004-07-01	DE69914400				
DE69914400	D1	2004-03-04	DE69914400				
AT258385	T	2004-02-15	ATE258385				
EP0954981	B1	2004-01-28	EP-954981				
EP1046346	A3	2001-09-26	EP1046346				
IL129798	B	2001-08-26	IL-129798				
CO5060507	A1	2001-07-30	CO5060507A1				
US6217918	B1	2001-04-17	US6217918				
AR013039	A1	2000-11-22	AR--13039				
EP1046346	A2	2000-10-25	EP1046346				
EP0954981	A3	2000-08-23	EP-954981				
SG73638	A1	2000-06-20	SG--73638				
BR9901987	A	2000-05-16	BR9901987				
IL129798	A	2000-02-29	IL-129798				
NZ335616	A	2000-01-28	NZ-335616				
KR19990088127	A	1999-12-27	KR19990088127				
JP11346692	A	1999-12-21	JP11346692				
PL333003	A1	1999-11-22	PL99333003				
EP0954981	A2	1999-11-10	EP-954981				
NO992240	L	1999-11-09	NO-992240				
CA2271360	A1	1999-11-08	CA2271360				
NO992240	D0	1999-05-07	NO9902240				

Abstract

(EP1046346)

A convenience food product comprising a microwavable pasta packaged in a container which facilitates even cooking in a microwave oven. The product can further comprise an improved hydratable sauce in the form of granules which tend not to form clumps upon the addition of water or milk and requires minimal stirring.

Inventors

RUBBRIGHT HARRY A

BEALL NELSON J

GAETA STEPHEN A

MEINERS MARY DEBORAH

OH NAM H

TECEDOR SILVERIO LUIZ

SCHRYER RICHARD F

MEYERS EDWARD J

HEFNAWY MAGDY M

Latest standardized assignees - inventors removed

BESTFOODS

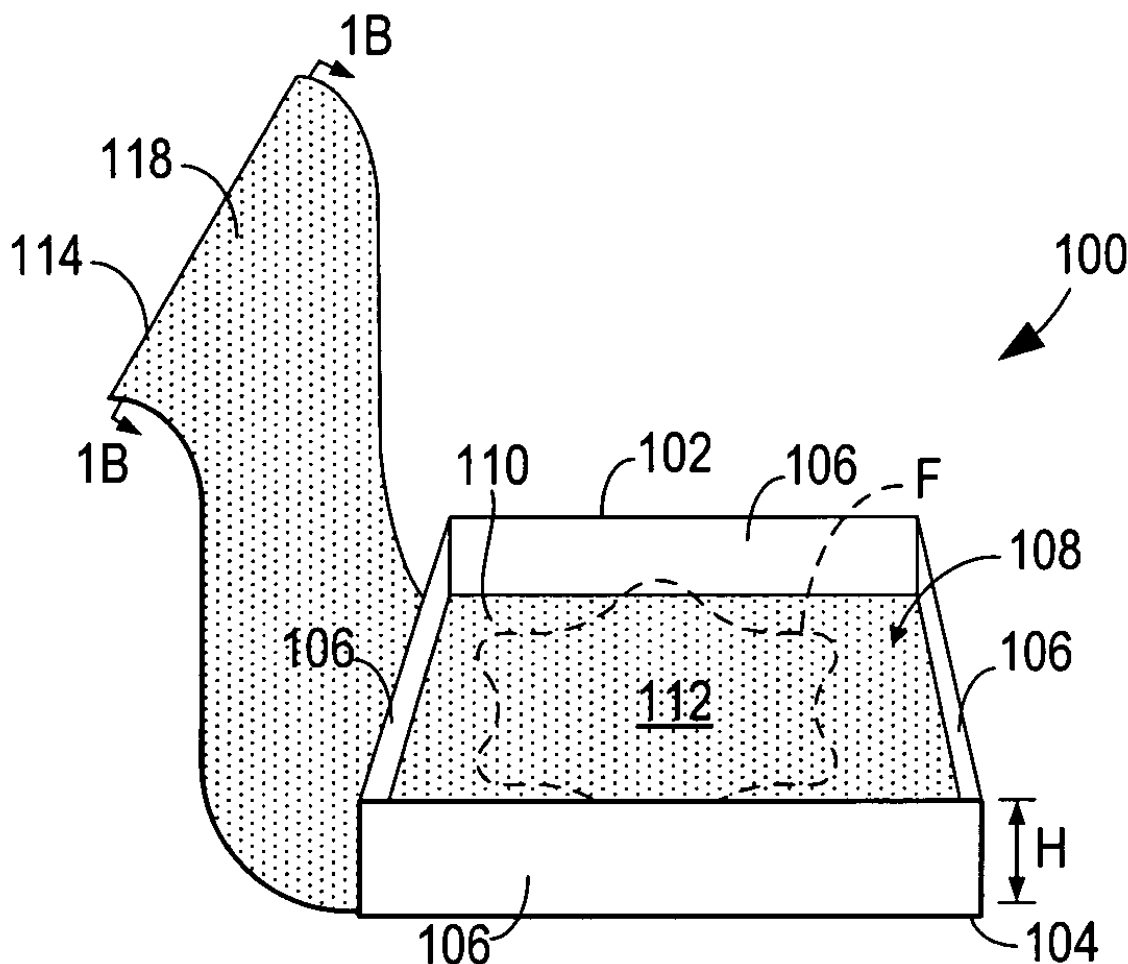
Family 177/200 - FAMPAT - ©Questel

Title

(EP2272303)

Microwave energy interactive tray and wrap

Images



Publication data including kind & date

JP2011519793	A	2011-07-14	JP2011519793
EP2272303	A2	2011-01-12	EP2272303
WO2009/137642	A3	2010-02-18	WO2009137642
WO2009/137642	A2	2009-11-12	WO2009137642
US20090277899	A1	2009-11-12	US20090277899
CA2721096	A1	2009-11-12	CA2721096



Abstract

(EP2272303)

A microwave heating apparatus for a food item comprises a panel for receiving the food item, a first susceptor joined to a side of the panel facing the food item, and a microwave energy interactive wrap comprising a second susceptor. The microwave energy interactive wrap may include a first portion attached to a side of the panel opposite the food item, the first portion being at least partially superposed with the first susceptor, a second portion adapted to overlie the food item on the panel, and a third portion adapted to be positioned beneath the first portion.

Inventors

COLE LORIN R

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

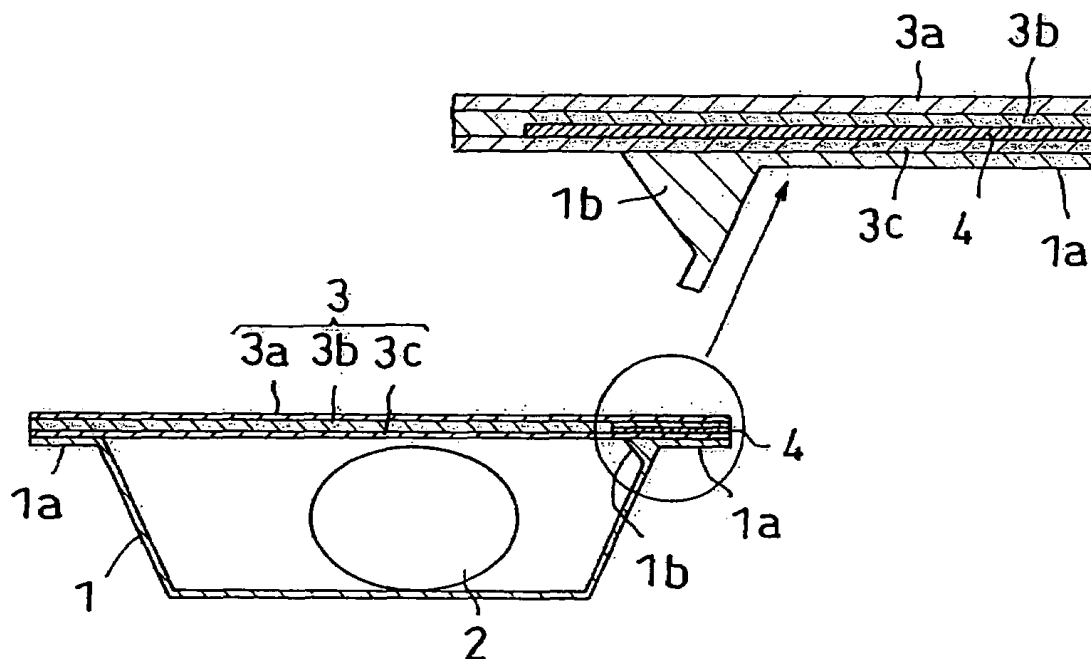
Family 178/200 - FAMPAT - ©Questel

Title

(EP1845031)

Container for retort pouch food

Images



Publication data including kind & date

JP5038692	B2	2012-07-13	JP5038692
EP1845031	B1	2011-12-28	EP1845031
US7582340	B2	2009-09-01	US7582340
TW200740668	A	2007-11-01	TW200740668
JP2007276876	A	2007-10-25	JP2007276876
EP1845031	A1	2007-10-17	EP1845031
US20070237913	A1	2007-10-11	US20070237913
KR20070100093	A	2007-10-10	KR20070100093



Abstract

(EP1845031)

A container for retort pouch food according to the present invention comprises a container main body (1) in which an upper surface is open and a protruding edge portion (1a) is provided on an edge portion of the opening, the container main body (1) further having a bottom and substantially cylindrical shape and capable of containing contents (2) inside, and a cover film (3) thermally adherable to the protruding edge portion (1a) and capable of sealing the opening of the container main body (1) in which the contents (2) are contained, wherein the container main body (1) is provided with a pocket part in which a pocket is formed between the container main body (1) and the cover film (3) at a position continuous to the protruding edge portion (1a) when heated, and the cover film (3) is formed from a laminate film and provided with an easily-breakable part at a part thereof covering the pocket part.

Inventors

HAGINO JUNICHI

Latest standardized assignees - inventors removed

PACKS

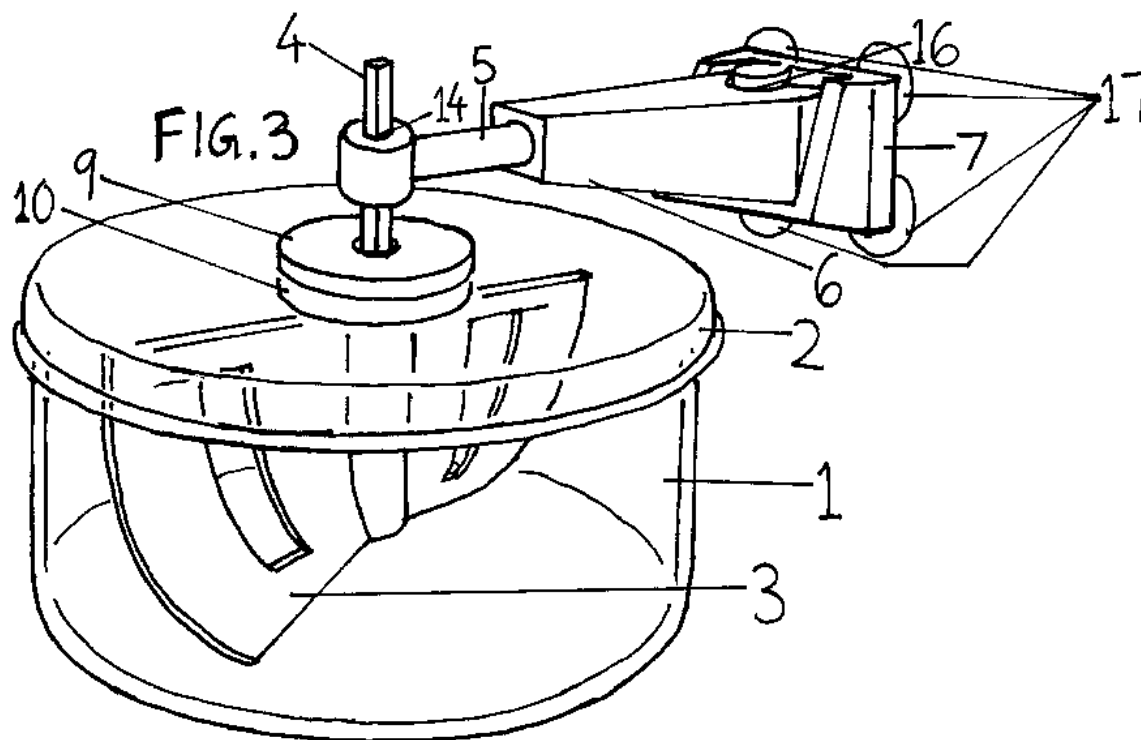
Family 179/200 - FAMPAT - ©Questel

Title

(GB2429415)

Self-stirring microwave bowl

Images

**Publication data including kind & date**[GB2429415](#)

A

2007-02-28

GB2429415

[GB0517559](#)

D0

2005-10-05

GB200517559

**Abstract**

(GB0517559)

A Self-stirring Microwave Bowl includes a container 1 into which is inserted a stirring mechanism 3 which is fixed ultimately to the structure of the interior of the microwave oven but allowing the container to rotate freely around it. The device 5, 6, 7 holding the mechanism is to be able to be adjusted to the size of the microwave. The stirring mechanism unit of the bowl may allow for different sized containers to be used and different types of stirring rotors, blades, paddles or helixes to be attached. The device holding the stirring mechanism may be attached to the interior of the microwave by suction pads or other forms of attachment. The arm 5,6 is slotted into bracket 7 and the lid has a number of slotted grooves to allow it to be used with different sized bowls.

Inventors

CLARKE ANDREW SINCLAIR

Family 180/200 - FAMPAT - ©Questel

Title

(EP-627156)

Microwave food heating package with accordion pleats

Images

US5334820	A	1994-08-02	US5334820
AU3734293	A	1993-09-13	AU9337342
WO93/17532	A1	1993-09-02	WO9317532
CA2130823	A1	1993-09-02	CA2130823

**Abstract**

(EP0627156)

A microwave food heating package (10) for food pieces (44) such as french fried potatoes or fish sticks is described. The package (10) includes one or more susceptor sheets (42) folded in alternately opposite directions to provide accordion folds (41) therein which define V-shaped pockets that serve as heating chambers for individual pieces (44) of food. The susceptor sheet (42) is formed from a microwave energy-absorbing material adapted to heat, brown or crisp the surfaces of the food sticks (44). The heating chambers preferably enclose the food sticks (44) on all major surfaces and can be made by layering, i.e., stacking, segments of the accordion-pleated susceptor sheet material (42) one above another to form individual heating chambers for the food pieces (44) to crisp, toast or brown their surfaces during heating.

Inventors

RISCH SARA J

BRANDBERG LAWRENCE C

Latest standardized assignees - inventors removed

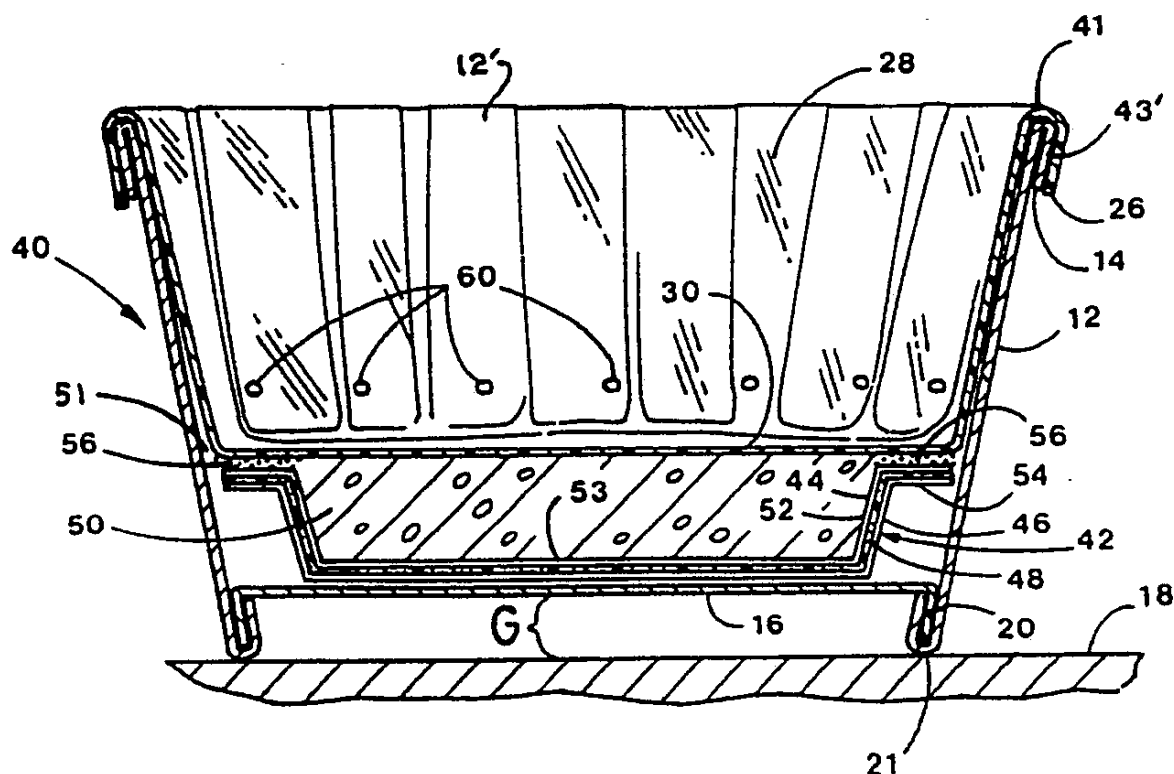
MCCAIN FOODS

Family 181/200 - FAMPAT - ©Questel

Title

(EP-534977)

Microwave corn popping package

Images**Publication data including kind & date**

JP3305712	B2	2002-07-24	JP3305712
HK1012829	A1	2000-05-05	HK1012829
CA2078323	C	2000-05-02	CA2078323
KR100222263	B1	1999-10-01	KR100222263



BRPI9106255	B1	1998-12-29	BR199106255				
ES2119775	T3	1998-10-16	ES2119775				
DE69129940	D1	1998-09-10	DE69129940				
EP0534977	B1	1998-08-05	EP-534977				
EP0534977	A4	1994-04-06	EP-534977				
JPH05508370	A	1993-11-25	JP05508370				
EP0534977	A1	1993-04-07	EP-534977				
KR19930701091	A	1993-03-16	KR19937001091				
BR9106255	A	1992-12-01	BR9106255				
BRPI9106255	A1	1992-12-01	BRPI9106255				
AU7460091	A	1991-10-21	AU9174600				
WO91/15096	A1	1991-10-03	WO9115096				
CA2078323	A1	1991-09-23	CA2078323				

Abstract

(EP0534977)

An open-topped wide mouth paperboard tub (40) for popping popcorn in a microwave oven includes an upstanding side wall (12) which has a free edge (41) at the top and a lower edge (21) which rests on the oven floor. The tub (40) also includes a flat bottom wall (16) connected to the side wall (12) at an elevation spaced upwardly from its bottom edge (21) to define an air compartment between the bottom wall (16) and the oven floor. A microwave susceptor layer (48) is connected to the bottom wall (16) to assist in popping the popcorn. The lower edge (21) is uninterrupted to make possible a sealing engagement with the oven floor so that the air in the compartment becomes heated during cooking. A layer of unpopped kernels (50) rests on the bottom wall (16) in heat conductive relationship with the susceptor (48). A flexible cover (12') which is sealed to the free edge (41) expands upwardly as the kernels (50) pop to accommodate their expansion.

Inventors

WATKINS JAMES D

BRANDBERG LAWRENCE C

WATKINS JEFFREY T

HANSON DENISE E

TURPIN CHARLES H

Latest standardized assignees - inventors removed

GOLDEN VALLEY MICROWAVE FOODS

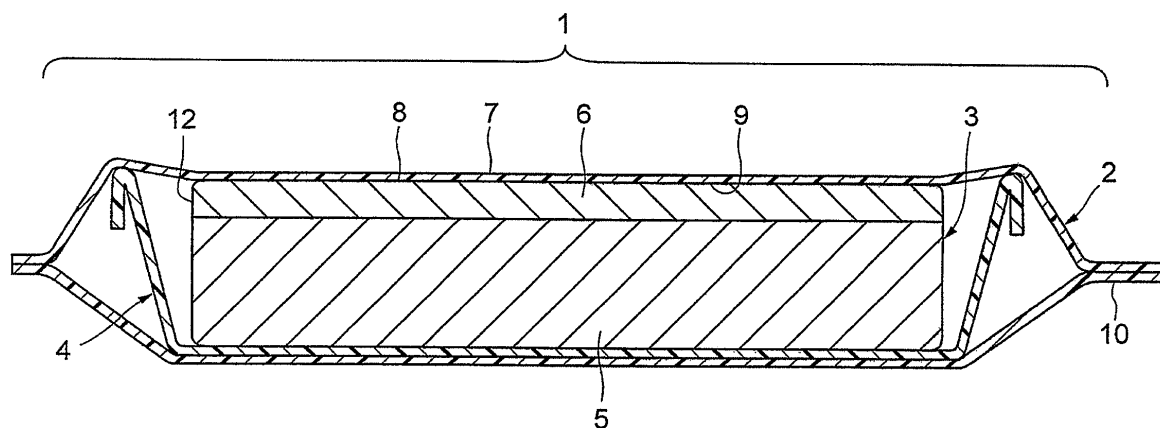
Family 182/200 - FAMPAT - ©Questel

Title

(WO200520710)

Packaged frozen sushi and methods of manufacturing and cooking the same

Images



Publication data including kind & date

US7993697	B2	2011-08-09	US7993697
JP4096006	B2	2008-03-14	JP4096006
US20070014900	A1	2007-01-18	US20070014900
WO2005/020710	A1	2005-03-10	WO200520710
JPWO2005020710	A1	2005-03-10	JP2005020710W

**Abstract**

(WO2005/020710)

A packaged frozen sushi, comprising an internally deaerated, frozen, and sealed soft plastic bag, an upwardly opened plastic box disposed in the bag, and a frozen sushi disposed in the box. The packaged frozen sushi is characterized in that the plastic box and the frozen sushi in the plastic bag are both frozen and formed integrally with each other for cooking by a microwave oven. Vapor produced from the sushi in defrosting flows in a space formed around the sushi to heat a cooked rice compact and ingredients put thereon. Thus, the nonuniformity of temperature of the sushi after defrosting can be reduced, and the sushi can be suitably manufactured by mass production.

Inventors

ISHINO YUJI

KADOYA HIRONOBU

Latest standardized assignees - inventors removed

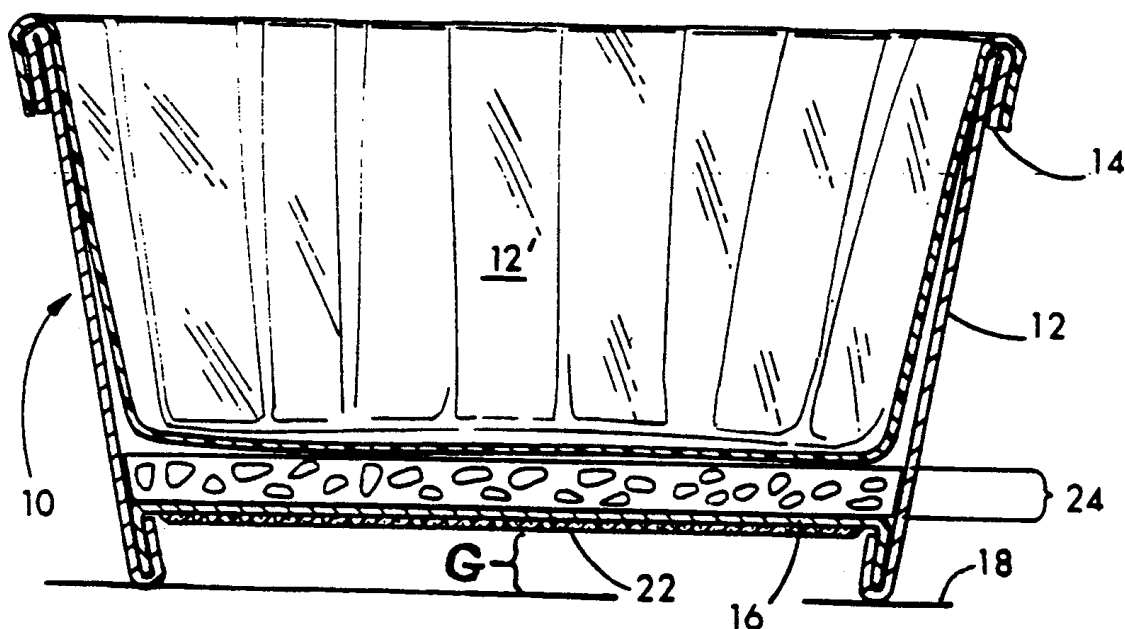
POLAR STAR

Family 183/200 - FAMPAT - ©Questel

Title

(US5008024)

Microwave corn popping package

Images**Publication data including kind & date**

US5097107	A	1992-03-17	US5097107
US5008024	A	1991-04-16	US5008024

**Abstract**

(US5008024)

A package for popping popcorn in a microwave oven includes an open-topped container in the form of a tub formed from self-supporting microwave transparent sheet material such as stiff paper or paperboard. The tube includes an upstanding

side wall terminating at the top in a free edge which defines an upper wide mouth. The side wall has a lower edge which rests on the floor of the microwave oven during cooking. The tube also includes a flat bottom wall which is connected to the side wall at an elevation spaced upwardly from its bottom edge to define an air compartment within the package between the bottom wall of the package and the oven floor. A layer of microwave interactive susceptor material is connected to the bottom wall and is distributed across the bottom wall so that substantially the entire susceptor has a constant gap from the bottom wall of the oven. The lower edge of the side wall of the tub is uninterrupted to make possible a sealing engagement with the floor of the microwave oven so that the air in the compartment becomes heated during cooking. A layer of unpopped popcorn rests on the bottom wall in heat conductive relationship with the susceptor. A flexible cover formed from microwave transparent sheet material is sealed to the edge of the mouth of the tub. The cover expands upwardly as the kernels of popcorn pop to accommodate their expansion.

Inventors

WATKINS JAMES D

Latest standardized assignees - inventors removed

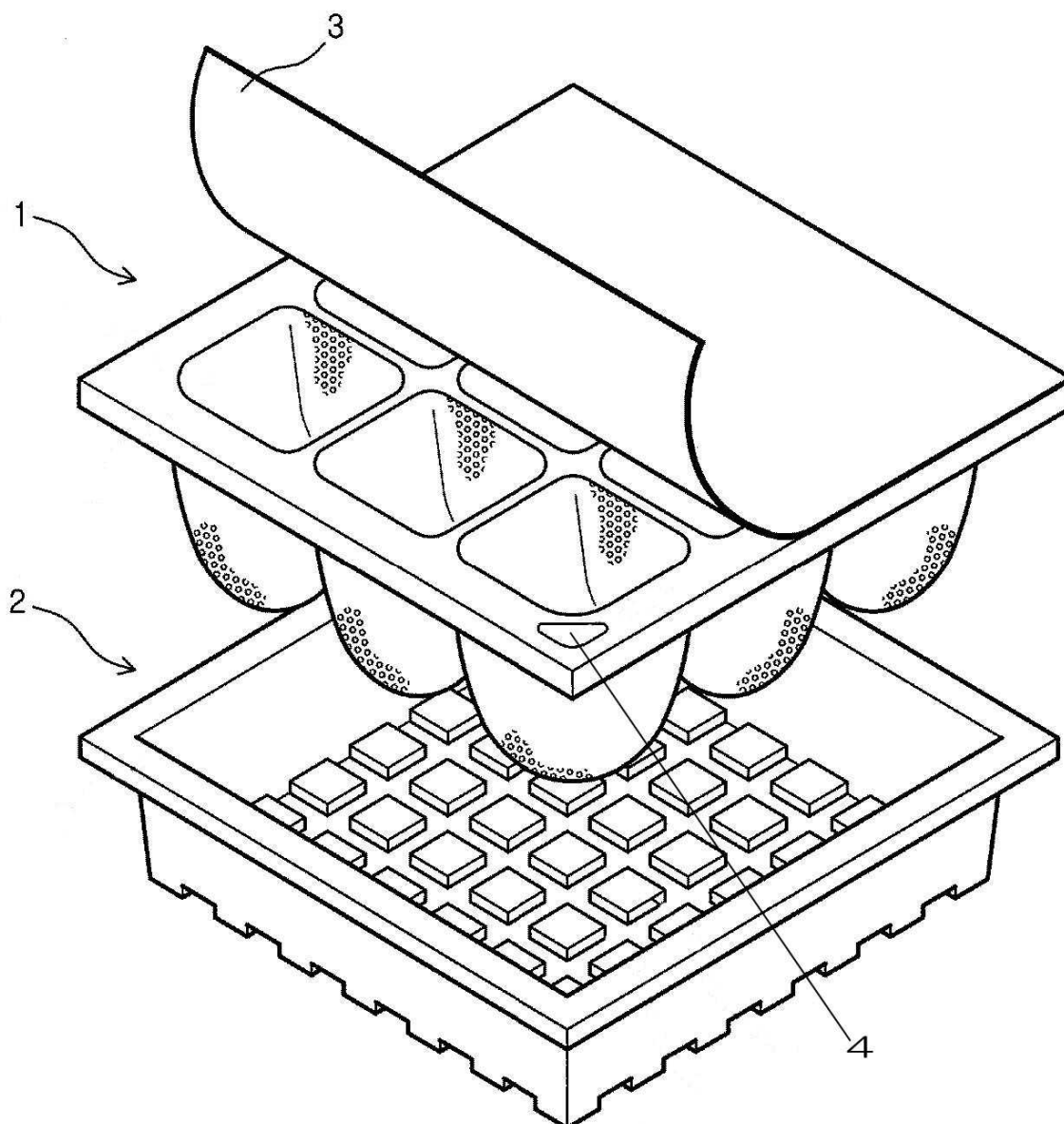
CONAGRA

Family 184/200 - FAMPAT - ©Questel

Title

(KR101166470)

An throwaway food courage which is used at the former range

Images

Publication data including kind & date[KR101166470](#)

B1 2012-07-19

KR101166470

[KR20110043372](#)

A 2011-04-27

KR20110043372

**Abstract**

(KR20110043372)

PURPOSE: A disposable food container including a water pouch, capable of using in a microwave is provided to remove a separate process of inserting water into the container when cooking food with the container inside the microwave.

CONSTITUTION: A disposable food container including a water pouch, capable of using in a microwave includes a food containing unit, the water pouch, a steamer(30), a first coherence groove(40), and a first packing film(50). The food containing unit includes a storage space, a concave-convex unit, and a space unit. The concave-convex unit is protruded from the inner upper side of the food containing unit, and includes a protrusion on the center.

Inventors

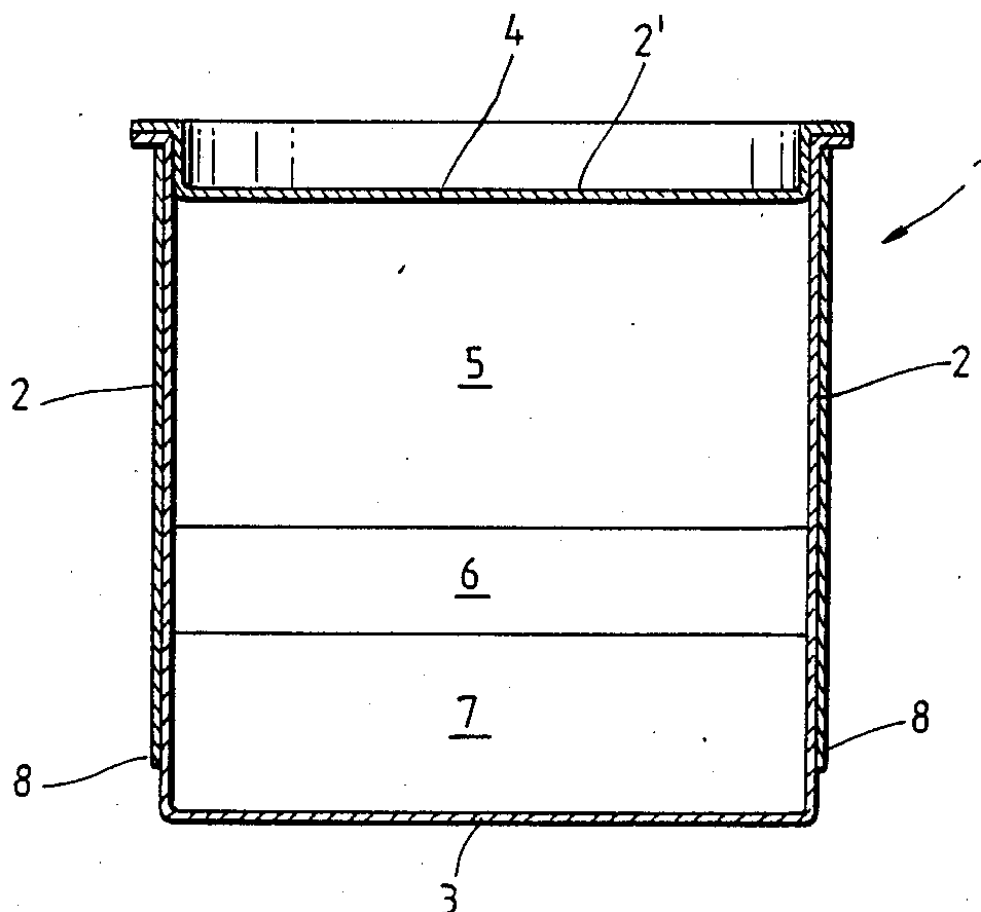
KANG, SUK-HO

Family 185/200 - FAMPAT - ©Questel

Title

(US4894503)

Packages materials for shielded food containers used in microwave ovens

Images**Publication data including kind & date**[US4894503](#)

A 1990-01-16

US4894503

**Abstract**

(US4894503)

A package for heating food in a microwave oven is disclosed. The package includes metal shielding or other metal

components which cause a gain in electric field strength which is greater than 3. The present invention also involves low load microwave environments where the electric field strength is greater than 10 volts per centimeter. A rigid, dimensionally stable dielectric support is provided in close proximity to a conductive sheet, being spaced less than 0.5 inch from the conductive sheet. The dielectric support is composed of material selected to avoid failure of the dielectric support in high electrical fields which may exist near the conductive sheet during microwave irradiation. The dielectric support material has a dielectric loss factor less than 0.005, and a failure temperature greater than 101.degree. C. The present invention relates to intrinsically nonarcing packages. A method for selecting packaging material for use in a shielded microwave container having a gain greater than 3 is also disclosed. A package material is selected having a combination of dielectric loss factor, heat capacity, density, and failure temperature, such that during microwave heating for a predetermined microwave heating time the failure temperature of the package material would not be exceeded.

Inventors

WENDT DAN J

Latest standardized assignees - inventors removed

GENERAL MILLS MARKETING

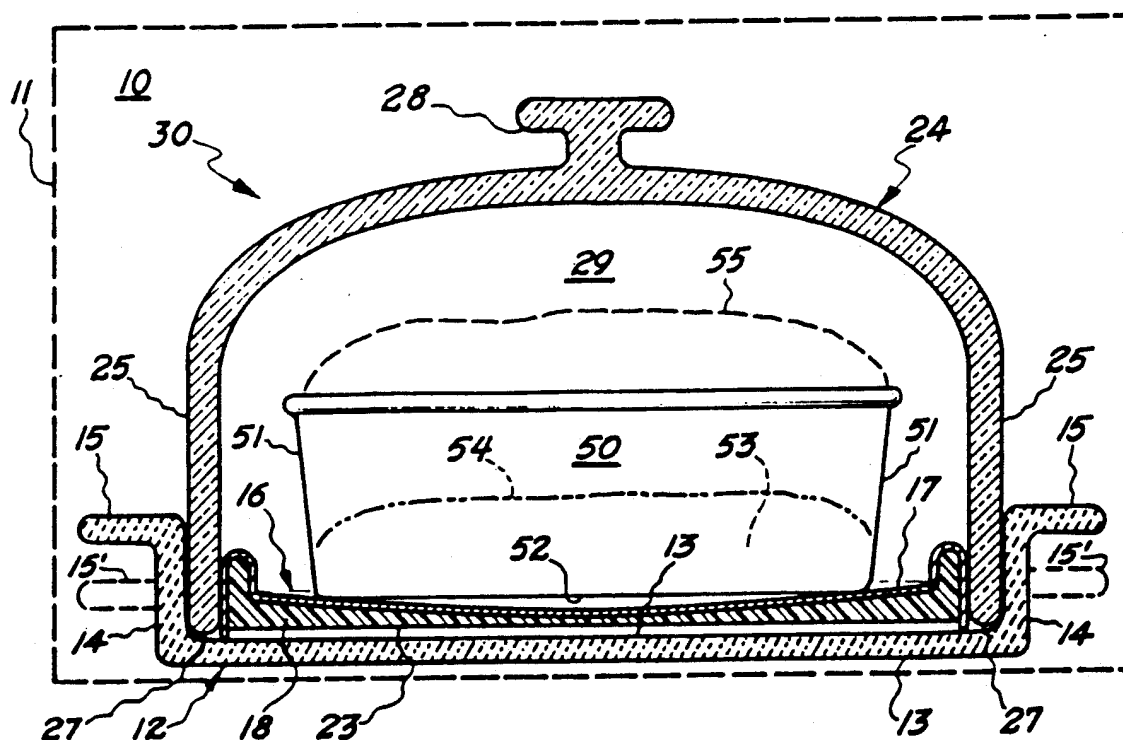
Family 186/200 - FAMPAT - ©Questel

Title

(EP-580570)

Two-stage process for cooking/browning/crusting food by microwave energy and infrared energy

Images



Publication data including kind & date

DE69120548	T2	1996-11-21	DE69120548
DE69120548	D1	1996-08-01	DE69120548
AT139675	T	1996-07-15	ATE139675
EP0580570	B1	1996-06-26	EP-580570
CA2130080	C	1996-05-21	CA2130080
EP0580570	A4	1994-04-27	EP-580570
EP0580570	A1	1994-02-02	EP-580570
AU7445391	A	1992-09-15	AU9174453
WO92/14369	A1	1992-09-03	WO9214369



[CA2130080](#)

A1 1992-09-03 CA2130080

[US5094865](#)

A 1992-03-10 US5094865

**Abstract**

(EP0580570)

A two-stage process for baking/crusting food products is proposed. The First Stage is carried out in a microwave oven chamber (10); the Second Stage is carried out beneath a gas or electric broiler (32). In both stages, the food is placed on a browning/crusting device (16) which provides a metal cooking surface (17), heated by adherent microwave lossy material (18) or on a smooth surface (45) of one or more blocks of microwave lossy ceramic (43) or microwave lossy igneous rock (40) which is supported in a metal tray (44a). In the first stage, a First Stage kit (30) includes a microwave transparent cover (24), a microwave transparent thermal insulating support (12) and the browning/crusting device (16). In the Second Stage, only the browning/crusting device (16) is used to complete the overall process. The browning/crusting device (16) is pre-heated in a microwave oven (11) to achieve an elevated browning/crusting temperature before applying food to the browning/crusting device (16).

Inventors

LEVINSON MELVIN L

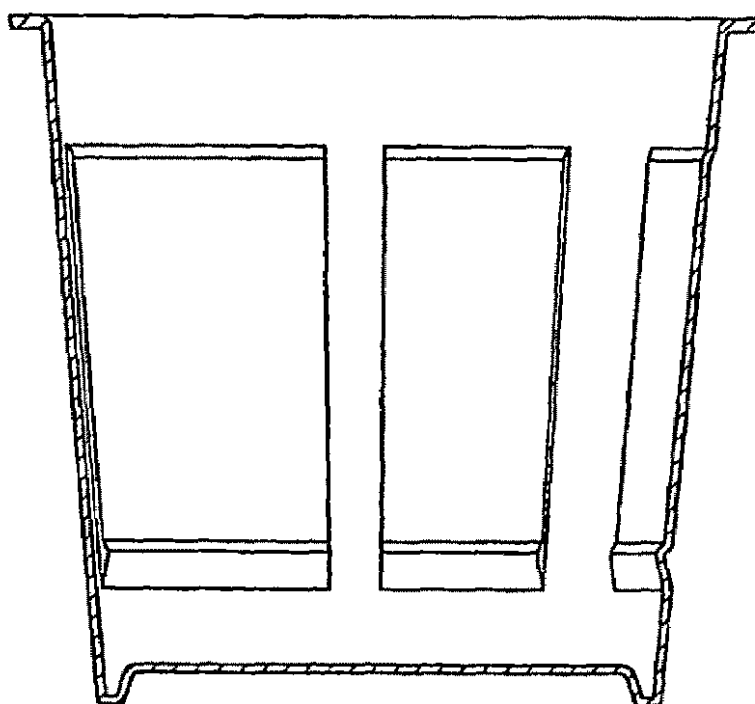
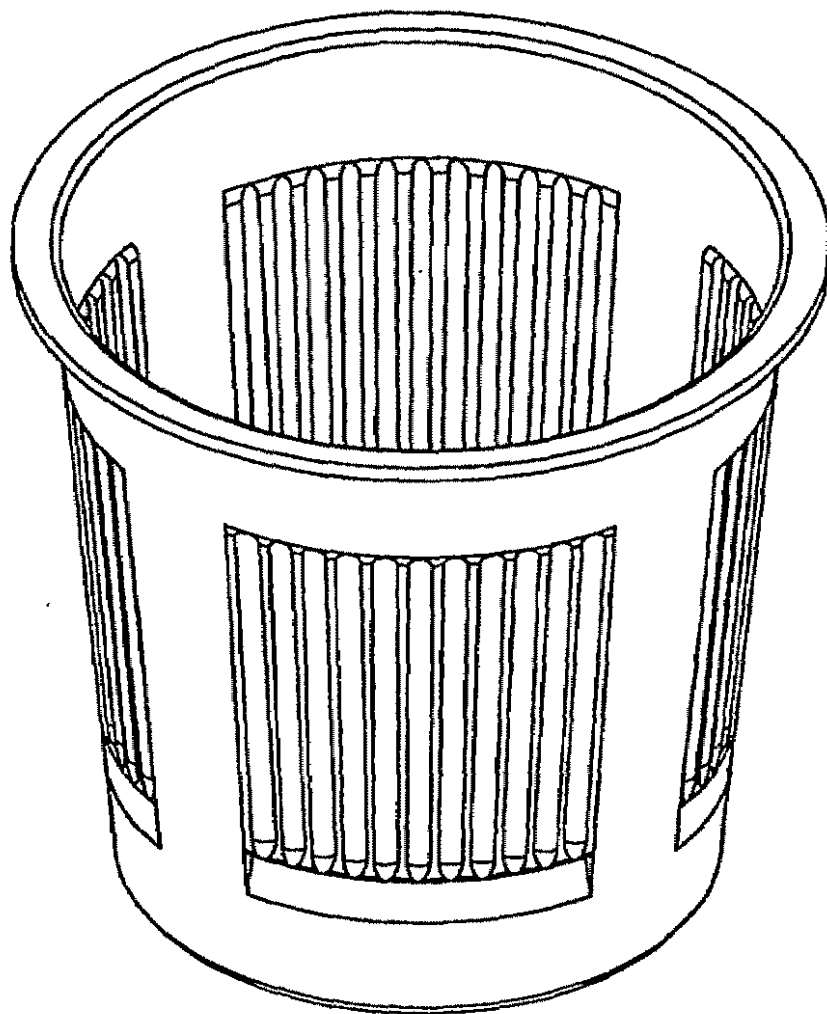
Family 187/200 - FAMPAT - ©Questel

Title

(EP2007653)

Microwavable packaging for food products

Images



Publication data including kind & date

US20130273213	A1	2013-10-17	US20130273213				
AU2007232327	B2	2013-07-18	AU2007232327				
US20090304872	A1	2009-12-10	US20090304872				
JP2009532291	A	2009-09-10	JP2009532291				
MX2008012753	A	2009-03-06	MX2008012753				
EP2007653	A1	2008-12-31	EP2007653				
WO2007/113545	A1	2007-10-11	WO2007113545				
CA2648356	A1	2007-10-11	CA2648356				
AU2007232327	A1	2007-10-11	AU2007232327				
GB0606676	D0	2006-05-10	GB200606676				

Abstract

(EP2007653)

Provided is a packaging for facilitating microwave heating arranged to contain a food product up to a fill level within the packaging, which packaging comprises: a) a first metallic microwave active component, extending above and below the fill level; and optionally b) a second metallic microwave active component, extending above and below a base level.

Inventors

CHOUIKHI SIDI

Latest standardized assignees - inventors removed

HEINZ

HAWK ACQUISITION SUB

KRAFT HEINZ FOOD

Family 188/200 - FAMPAT - ©Questel

Title

(EP-506841)

Microwave food package

Images

between each two adjacent layers of food pieces (33) so that oppositely facing surfaces of each food piece (33) are disposed adjacent portions of the microwave susceptors (32, 36), preferably in snug contacting relation to enable direct conductive heating of the food pieces (33) by the adjacent microwave susceptors (32, 36).

Inventors

PROSISE ROBERT LAWRENCE

BUNKE PAUL RALPH

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 189/200 - FAMPAT - ©Questel

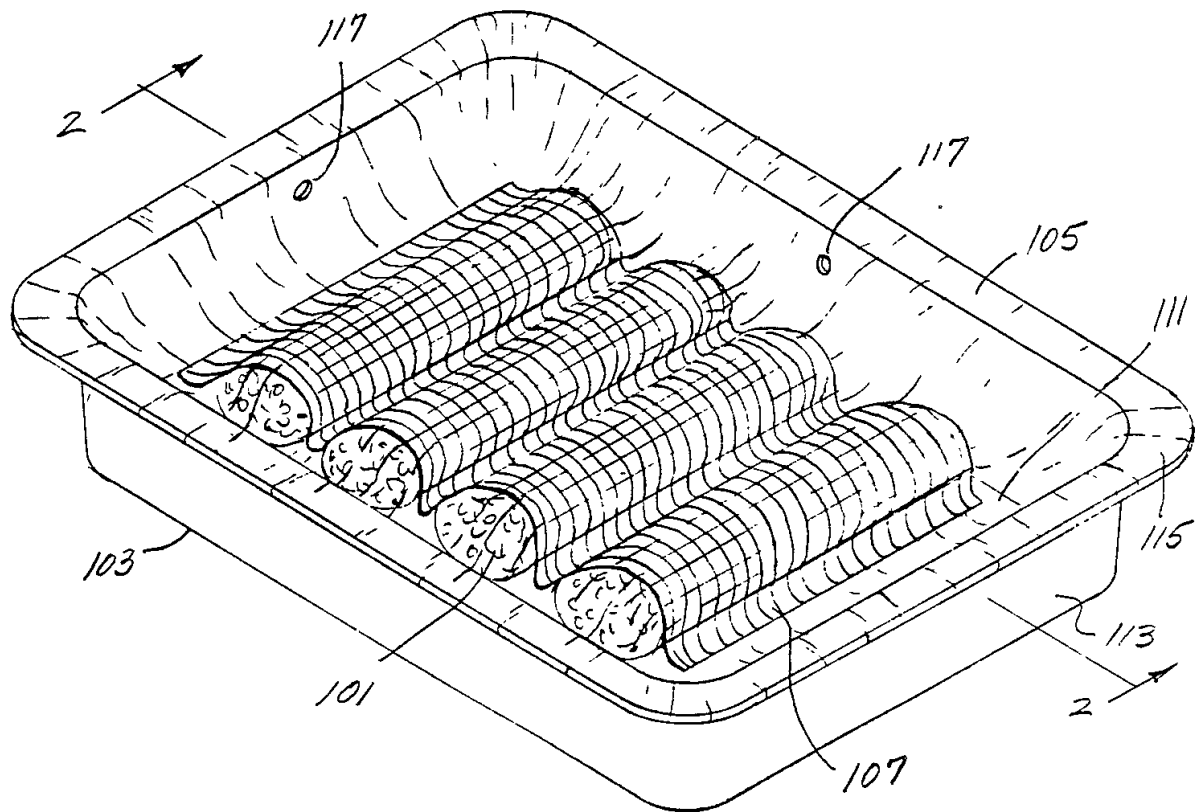
Title

(EP-320294)

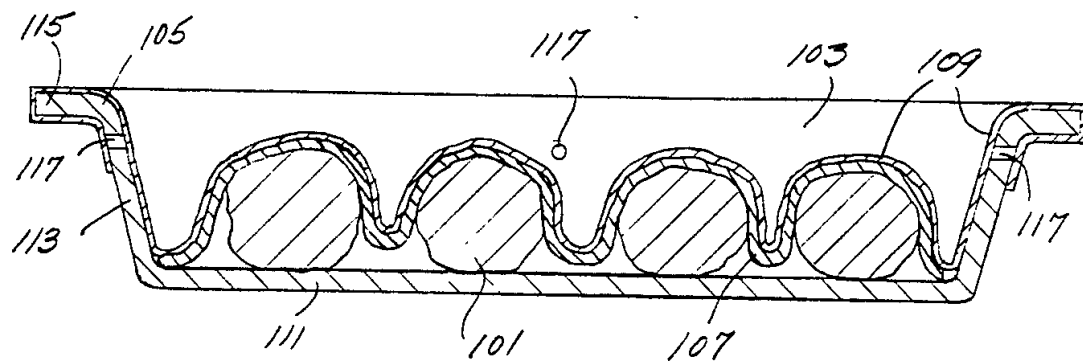
Microwave cooking package.

Images

F I G. 1



F I G. 2



Publication data including kind & date

JP1908590	C	1995-02-24	JP1908590
DE3850754	T2	1995-02-09	DE3850754
DE3850754	D1	1994-08-25	DE3850754
EP0320294	B1	1994-07-20	EP-320294
JP6033113	B2	1994-05-02	JP94033113
CA1323606	C	1993-10-26	CA1323606
AU612438	B2	1991-07-11	AU-612438
EP0320294	A3	1991-02-27	EP-320294
NZ227275	A	1990-10-26	NZ-227275



US4933193	A	1990-06-12	US4933193
JP01226577	A	1989-09-11	JP01226577
AU2677788	A	1989-06-15	AU8826777
EP0320294	A2	1989-06-14	EP-320294

**Abstract**

(EP0320294)

A package for microwaving heating or cooking a food item such as an egg roll, which requires surface browning or crispening, comprises a vented tray, a drapable, liquid permeable, microwave susceptible composite material, draped over the food item, and a film lid covering the tray and conformed to the shape of the food item.

Inventors

FISHER JOHN RICHARD

Latest standardized assignees - inventors removed

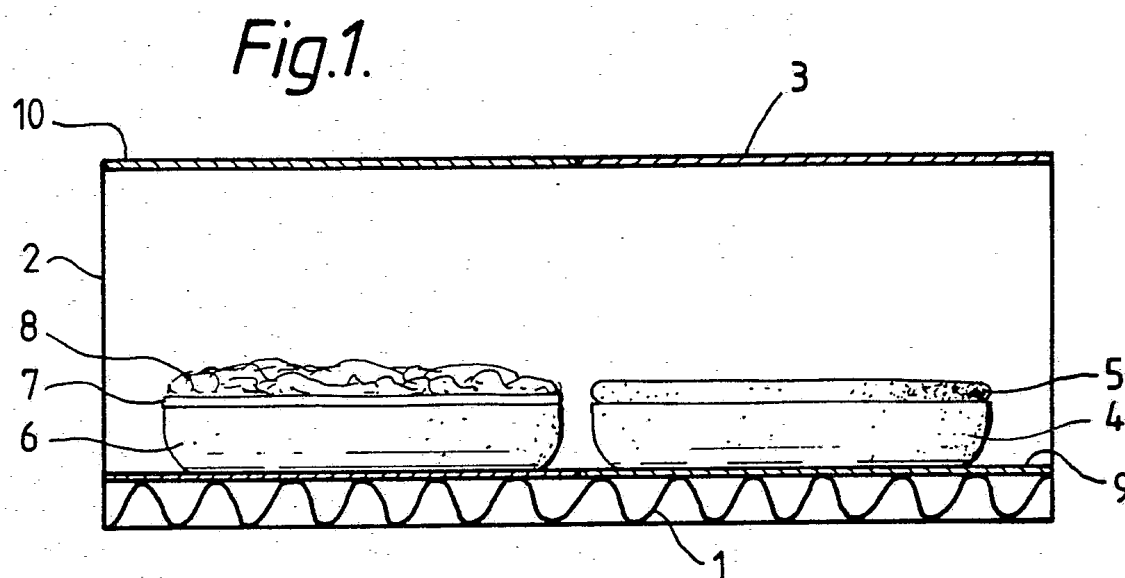
DU PONT DE NEMOURS

Family 190/200 - FAMPAT - ©Questel

Title

(GB2201070)

Microwave cooking

Images**Publication data including kind & date**

GB2201070	A	1988-08-17	GB2201070
GB8700655	D0	1987-02-18	GB8700655

**Abstract**

(GB8700655)

In the microwave cooking or reheating of food products which comprise items requiring different rates of heating, such as a hamburger and bun, shielding or reflecting material such as the known browning boards is selectively disposed in relation to the foodstuff items so that they are heated in a manner appropriate to their nature. This is achieved by incorporating the material (9, 10) either in a container in which the foodstuffs are placed for cooking (such as the packaging in which they are sold or served), or by incorporating the material directly in the oven cavity.

Inventors

SMALL CHRISTOPHER JOHN COBHAM

Latest standardized assignees - inventors removed

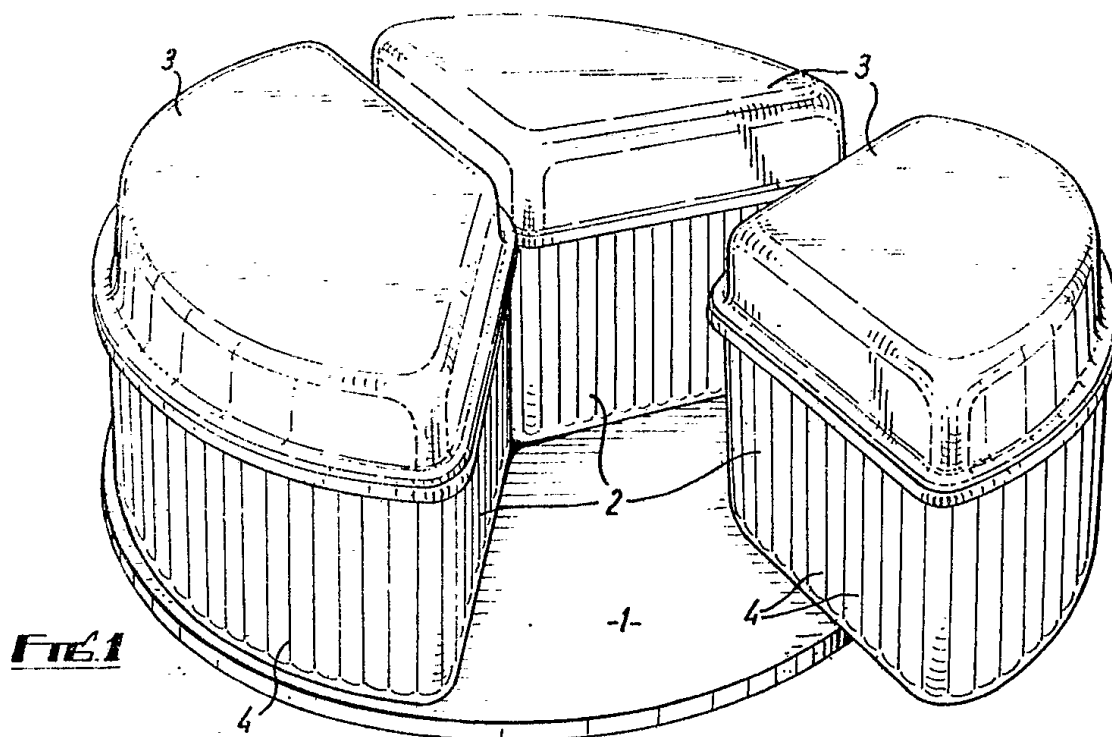
SMALL C J C

Family 191/200 - FAMPAT - ©Questel

Title

(GB2137858)

Microwave oven vessel

Images**Publication data including kind & date**

GB2137858	B	1986-11-19	GB2137858
GB2137858	A	1984-10-10	GB2137858
GB8307787	D0	1983-04-27	GB8307787

**Abstract**

(GB8307787)

A microwave oven circular cooking vessel comprises a plurality of discrete removable containers (2), each container comprising a segment of the circle. <IMAGE>

Inventors

CHETHAM PATRICIA

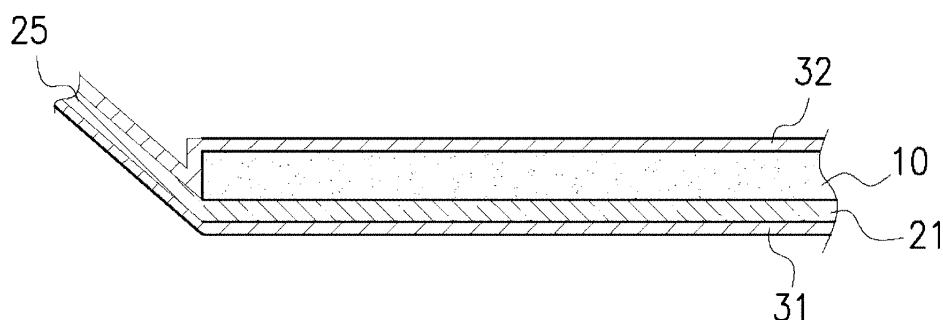
Family 192/200 - FAMPAT - ©Questel

Title

(EP2982661)

Method for manufacturing exothermic ceramics for microwave oven and exothermic ceramics for microwaves

Images



Publication data including kind & date

US10154755	B2	2018-12-18	US10154755
JP6390984	B2	2018-09-19	JP6390984
EP2982661	A4	2017-06-28	EP2982661
JP2016521156	A	2016-07-21	JP2016521156
EP2982661	A1	2016-02-10	EP2982661
US20160015207	A1	2016-01-21	US20160015207
CN105102397	A	2015-11-25	CN105102397
WO2014/163395	A1	2014-10-09	WO2014163395



Abstract

(EP2982661)

Disclosed are a method for manufacturing exothermic ceramics for a microwave oven and exothermic ceramics for microwaves. In particular, provided is a method for manufacturing exothermic ceramics for a microwave oven, in which the exothermic ceramics are formed by mixing a ceramic body, such as clay, plastic clay or soil, with an exothermic element prepared by combining at least one selected from silicon carbide, carbon ferrite and iron oxide, which are exothermic components. Accordingly, the exothermic ceramics of the present invention can minimize a sense of difference between the exothermic element and the ceramic body component, which is raw material for ceramics, thereby being capable of emitting high-temperature heat in a short time by means of microwaves as well as maintaining stability in the shape. Furthermore, due to integral forming, the exothermic ceramics have an enhanced elegant design.

Inventors

PARK IN-HO

Latest standardized assignees - inventors removed

PARK HO

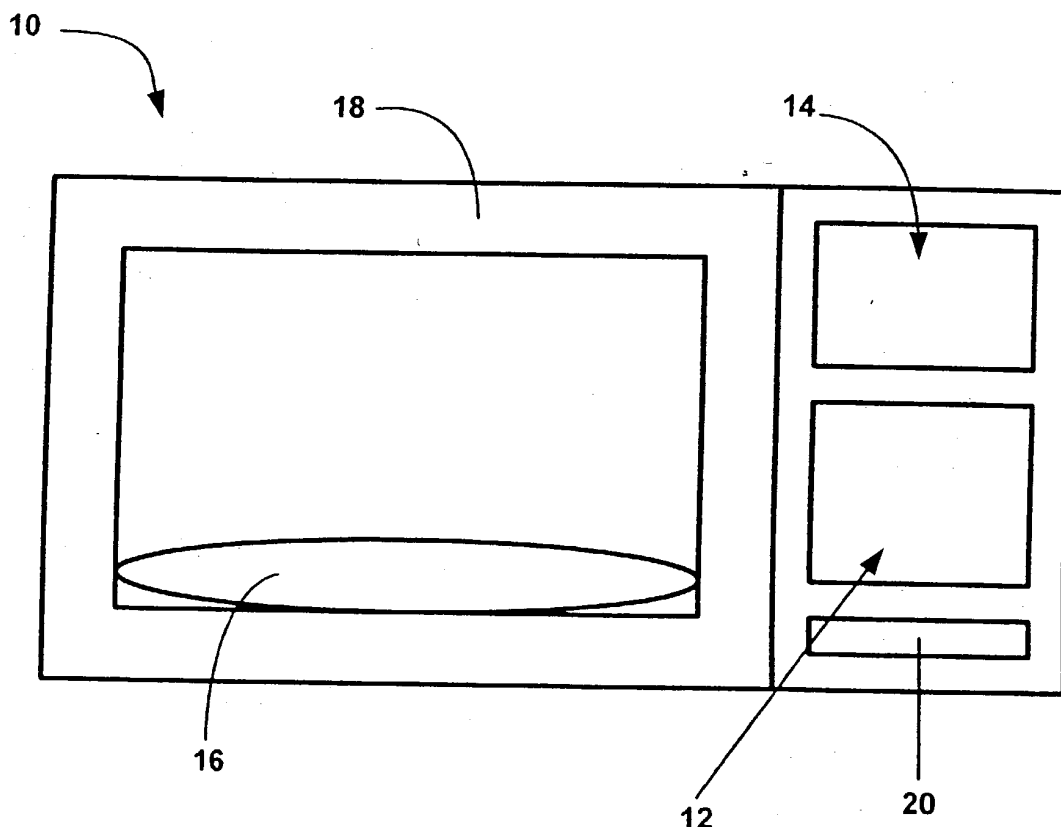
Family 193/200 - FAMPAT - ©Questel

Title

(EP1325264)

Method for cooking rice

Images



Publication data including kind & date

NZ524522	A	2006-02-24	NZ-524522
EP1325264	A4	2005-01-19	EP1325264
JP2004507709	A	2004-03-11	JP2004507709
CN1481490	A	2004-03-10	CN1481490
US20030188639	A1	2003-10-09	US20030188639
EP1325264	A1	2003-07-09	EP1325264
KR20030045798	A	2003-06-11	KR20030045798
AU8735901	A	2002-03-22	AU200187359
WO02/21050	A1	2002-03-14	WO200221050
AUPQ997200	A0	2000-09-28	AU-997200



Abstract

(EP1325264)

A method for cooking rice in a microwave oven including the steps of placing water and rice in a container in a predetermined ratio; substantially sealing the water and the rice in the container; placing the container, containing the water and the rice, into the microwave oven; setting the microwave oven to a low power level and operating the microwave oven at that level for a first period; setting the microwave oven to a high power level and operating the microwave oven at that level for a second period; and either setting the microwave oven to a low power level and operating the microwave oven at that level for a third period or letting the unopened container stand for said third period.

Inventors

MORI TOSHIKO

Latest standardized assignees - inventors removed

ORIENTAL MERCHANT

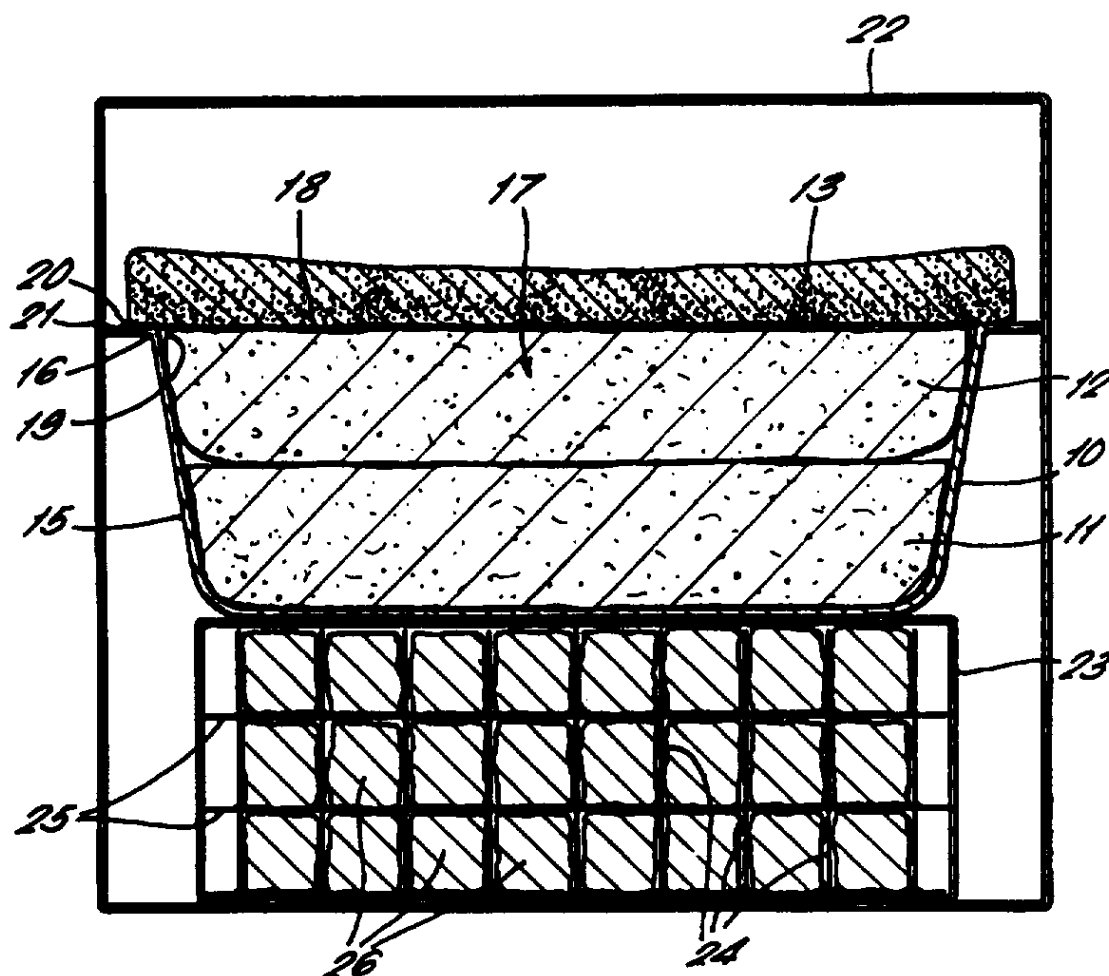
Family 194/200 - FAMPAT - ©Questel

Title

(EP-859724)

Microwave package for hamburgers and french fries

Images



Publication data including kind & date

EP0859724	A1	1998-08-26	EP-859724
AU7323596	A	1997-05-29	AU9673235
WO97/17271	A1	1997-05-15	WO9717271
GB2307159	A	1997-05-14	GB2307159
GB9602789	D0	1996-04-10	GB9602789
GB9522755	D0	1996-01-10	GB9522755



Abstract

(EP0859724)

A packaged food article for heating in a microwave oven comprises at least one farinaceous layer (11, 12). The farinaceous layer or layers (11, 12) is contained in a microwave shielding dish (10) arranged so that the upper edge (16) of the opening of the dish is level with the uppermost surface (18) of the farinaceous layer or layers. A layer of edible filling material (13) lies on top of the uppermost farinaceous layer (12) and completely closes the open top of the dish. The food article is sold frozen and can be microwaved from the frozen state. The farinaceous layers may be two halves of a burger bun and the layer of edible filling material may be a burger patty.

Inventors

RISCH SARA J

BRANDBERG LAWRENCE C

Latest standardized assignees - inventors removed

CONAGRA FOODS

continuous and has a surface concentration of active constituent of about 1 gram per square meter or greater. Sodium silicate is preferred as the binder and graphite is preferred as the active constituent. In addition additives such as saccharides, glycerine and plasticizers can be added to inhibit thermal shut down and to increase the flexibility of the dry layer. The susceptor can exhibit moderate heat performance or even high heating performance if desired. A susceptor baking cup, a baking system including a dome shaped cover which can be used to form an enclosure, and a container for frying are all possible uses for this microwave active coating material.

Inventors

PROSISE ROBERT LAWRENCE

WNUK ANDREW JULIAN

MILENKEVICH JOSEPH ANTHONY

WIDENHOUSE CHRISTOPHER WILLIAM

BUNKE PAUL RALPH

Latest standardized assignees - inventors removed

AURORA FOODS

DEUTSCHE BANK

Family 196/200 - FAMPAT - ©Questel

Title

(EP-471969)

Easy open microwave susceptor sleeve for pizza and the like

Images

CA2044505	C	1996-02-27	CA2044505
AU635886	B2	1993-04-01	AU-635886
JP04253670	A	1992-09-09	JP04253670
EP0471969	A1	1992-02-26	EP-471969
AU8043291	A	1992-02-20	AU9180432
CA2044505	A1	1992-02-14	CA2044505
US5077455	A	1991-12-31	US5077455



Abstract

(EP0471969)

An improved sleeve receptacle (5) for microwave browning and crisping of a generally flat food article, such as pizza (3), in a microwave oven is provided. The receptacle is constructed from a sheet of microwave susceptor stock which preferably includes an outwardly exposed dielectric support layer and an inwardly facing heating layer of microwave interactive material allowing passage of microwave energy as it is heated thereby. The sleeve is initially provided as a flat sheet which can be easily fitted within the frozen food package. The consumer folds the flat sheet into its sleeve configuration by joining the top portions (18, 22) of the sleeve together in a manner whereby the top portions of the sleeve can be later pulled apart to permit easy removal of the heated foodstuff.

Inventors

PAYNE DAVID S

PELEG YIGAL

SEARS GREGORY A

Latest standardized assignees - inventors removed

NESTLE

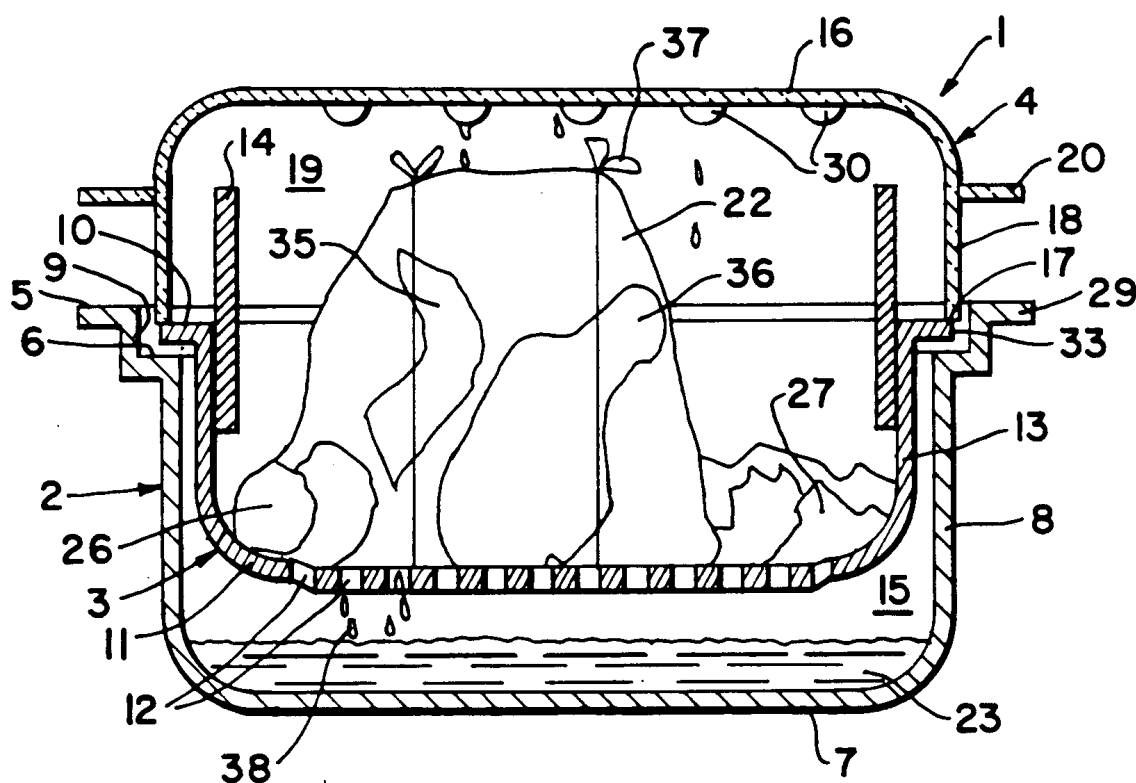
Family 197/200 - FAMPAT - ©Questel

Title

(WO9213432)

Cooking food in a food preparation kit in a microwave and in a thermal oven

Images



WO92/13432

A1 1992-08-06 WO9213432

US5057331

A 1991-10-15 US5057331

**Abstract**

(WO92/13432)

Improvements in and new methods of using a prior art cooking kit are taught. The prior art kit includes an imperforate, metal outer pot (2), a perforated, metal inner pot (3), which nests in the outer pot (2), and a microwave-shielded, food by-product collection chamber (15) between the two pots (2, 3). A microwave-transparent cover (4) covers the pots (2, 3) and forms a steam-confining, cooking chamber (19) therebetween. Improvements include an adjustable, "skewer/support/grill" apparatus, improved handle construction, drainage-fabrication and shape. New methods of combining the cooking of food in a microwave oven and in a thermal oven are taught. The food includes soup, poultry, meat, fish, vegetables, stuffing recipes and crusting recipes. Methods taught concern : a) cooking one food with the by-product of a microwave cooking food, b) fully cooking a food in a microwave oven before frying, baking or broiling the food in a thermal oven, c) baking and crusting a food at temperatures over 500 DEG F, d) using a tapered pot to cook meat, e) an adjustable, "skewer/support apparatus", f) utilizing a heavy preheated, igneous-rock, thermal heat-sink and g) "hot cubes".

Inventors

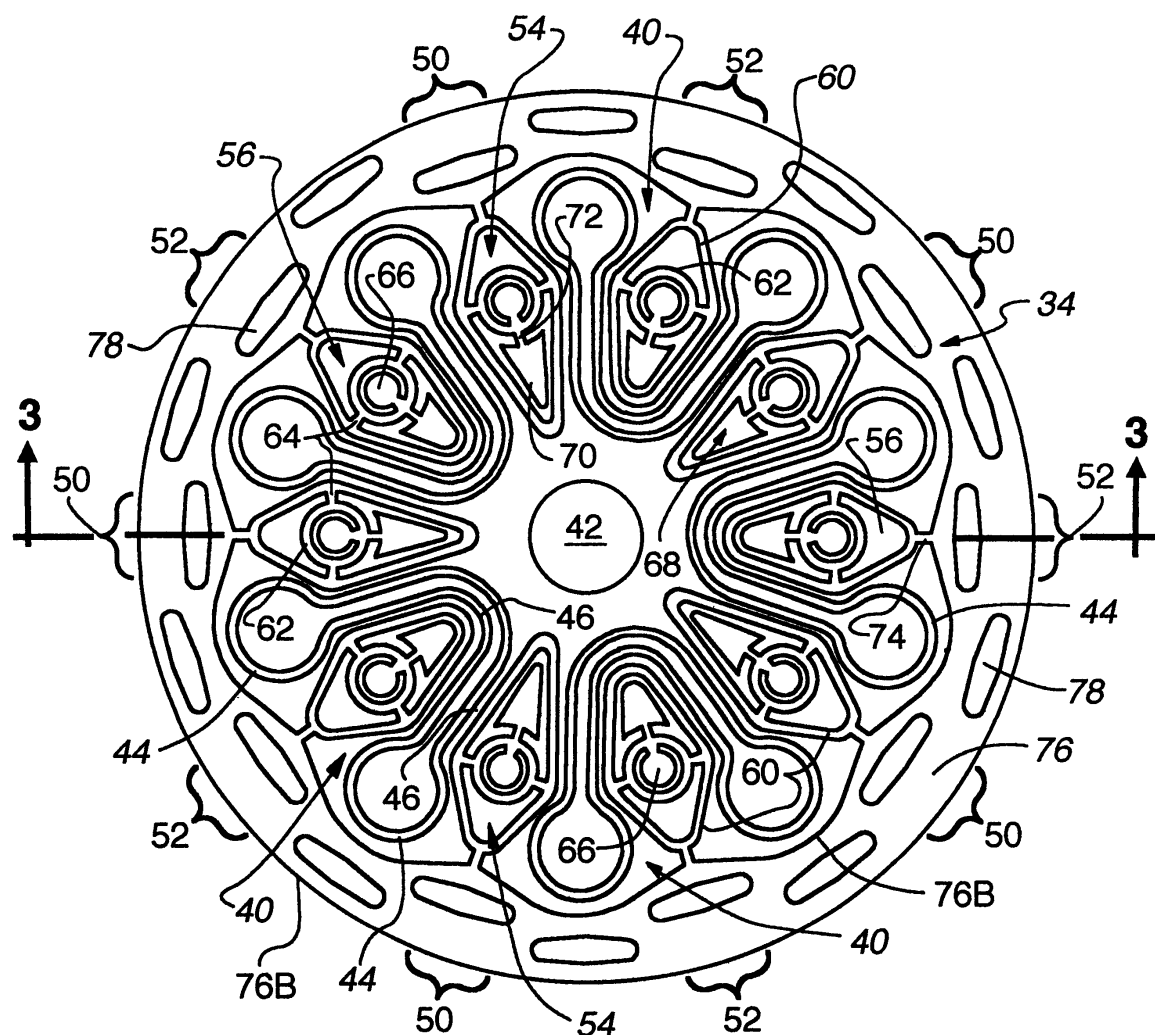
LEVINSON MELVIN L

Family 198/200 - FAMPAT - ©Questel

Title

(EP1655240)

Microwavable package

Images

Publication data including kind & date

CA2657193	C	2012-04-24	CA2657193				
CA2264123	C	2007-01-16	CA2264123				
DE69735004	T2	2006-08-31	DE69735004				
EP1655240	A1	2006-05-10	EP1655240				
DE69735004	D1	2006-02-02	DE69735004				
EP0958196	B1	2005-12-28	EP-958196				
US6455827	B2	2002-09-24	US6455827				
US20010021405	A1	2001-09-13	US20010021405				
US6251451	B1	2001-06-26	US6251451				
EP0958196	A2	1999-11-24	EP-958196				
WO98/08752	A3	1998-06-18	WO9808752				
AU4006197	A	1998-03-19	AU9740061				
WO98/08752	A2	1998-03-05	WO9808752				
CA2264123	A1	1998-03-05	CA2264123				
CA2657193	A1	1998-03-05	CA2657193				

Abstract

(EP1655240)

A microwavable package includes a base to support a food product (10). An active microwave energy heating element (14) is on the base (12) to effect heating of the food product upon impingement by microwave energy. A cover (18) spaced from and separate to the active microwave energy heating element overlies the food product. The cover (18) includes microwave energy interactive material (34) extending substantially over the food product and at least one layer of susceprting material (36) interposed between the food product (10) and the microwave energy interactive material (34). A plurality of apertures are formed in the microwave energy interactive material (34) and are spaced apart about a peripheral margin of the cover. The apertures are sized to promote localized fields to enhance the at least one layer of susceprting material (36) and promote browning of the food product when exposed to incident microwave energy.

Inventors

ZENG NEILSON

Latest standardized assignees - inventors removed

GRAPHIC PACKAGING

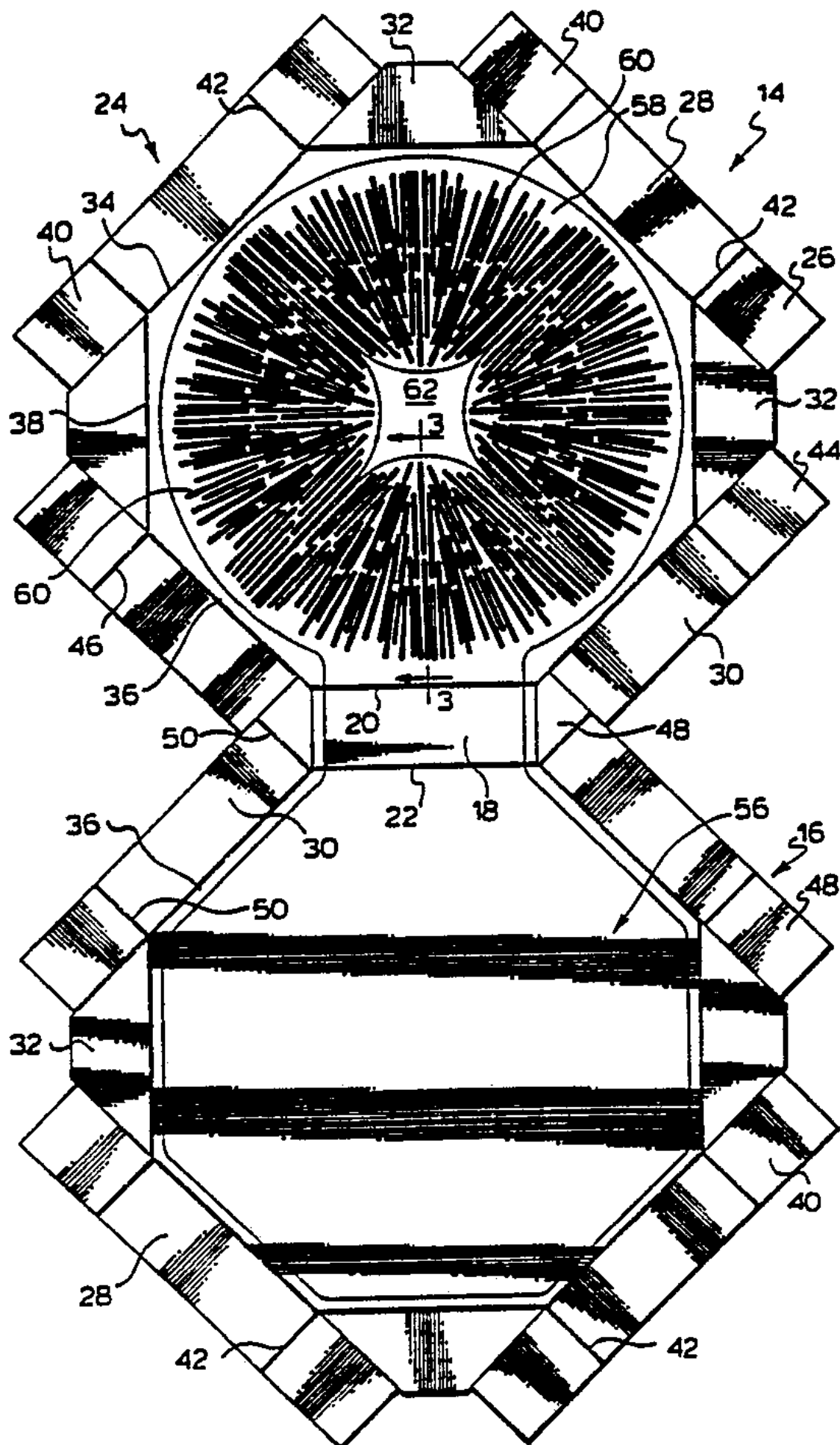
Family 199/200 - FAMPAT - ©Questel

Title

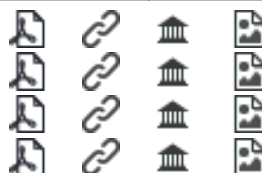
(WO9219515)

Pizzabox for microwave heating

Images



CA2046836	C	2000-04-04	CA2046836
AU1669892	A	1992-12-21	AU9216698
WO92/19515	A1	1992-11-12	WO9219515
CA2046836	A1	1992-11-07	CA2046836

**Abstract**

(WO92/19515)

A pizza box (10) is described for microwave heating of frozen pizza for consumption. The box includes a lower tray portion (14) which receives the pizza (12), an upper lid portion (16) which encloses the tray and an integral wall portion (18) hingedly joining the upper lid portion and lower tray portion. A continuous electroconductive metal layer (56) having a thickness which is normally microwave opaque is provided extending between the lid portion and the tray portion through the wall portion. A metal layer in the tray portion (14) is provided with an array of slots (60) theretrough, which permits microwave energy conducted from the lid portion to the tray portion by the metal layer, to generate thermal energy to heat the pizza filling and crispen the crust.

Inventors

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Latest standardized assignees - inventors removed

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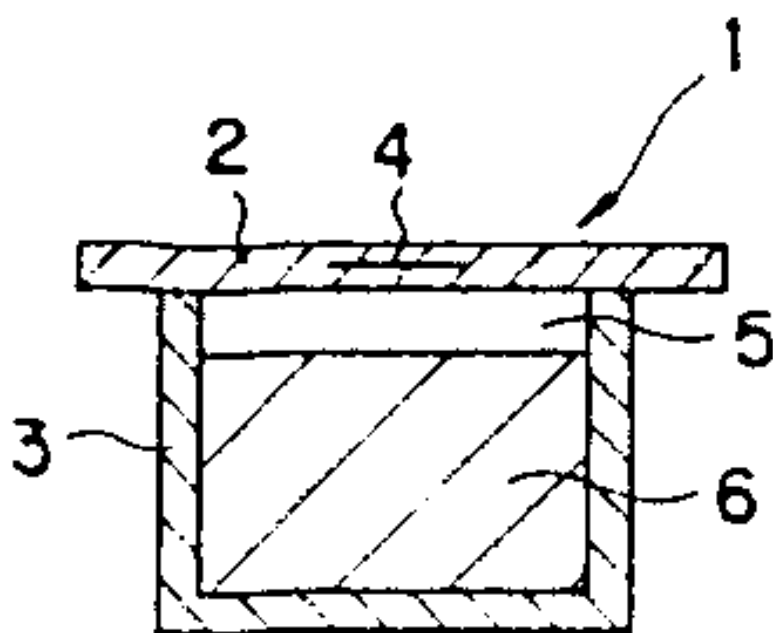
Family 200/200 - FAMPAT - ©Questel

Title

(JP03176385)

Container for use in electronic range

Images

**Publication data including kind & date**

JP2893604	B2	1999-05-24	JP2893604
JP03176385	A	1991-07-31	JP03176385

**Abstract**

(JP03176385)

PURPOSE:To permit a uniform and selective heating by a method wherein a lid body and a container body are made of heat resisting resins or the like, a reflector having a microwave reflection coefficient within a specific range is provided in the required region of the lid body and a substance having a thickness not more than a specific microwave length is provided at least between the inner surface of the reflector and the contents. **CONSTITUTION:**A container 1 consisting of a lid body 2 and a container body 3, both made of plastics, ceramics or glass, is provided with a reflector 4 having a

microwave reflection coefficient of 0.03-0.95 in the required region (e.g. the central part) in the interior of the lid body 2. The reflector 4 may be provided on the outer or inner surface of the lid body 2 instead of being embedded in its interior. A substance 5 having a permittivity of at most 30 and a thickness set at a microwave length of at most 0.3 is provided between the inner surface of the reflector 4 and the surface of contents 6 such as food received in a container 3.

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