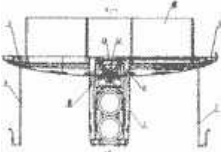
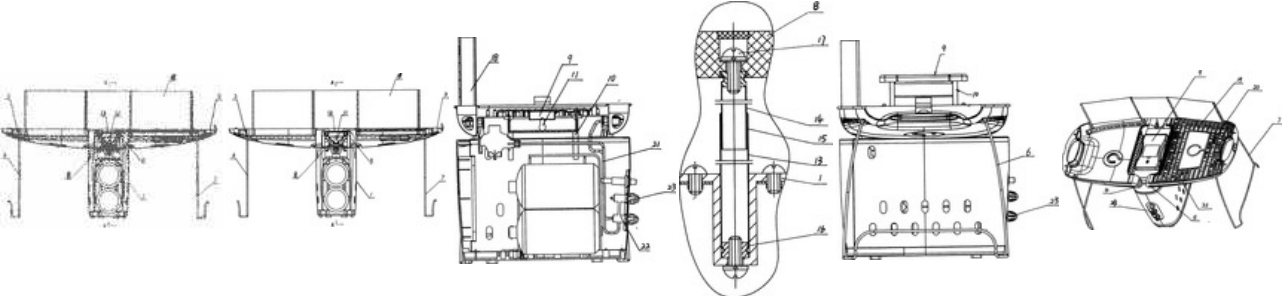
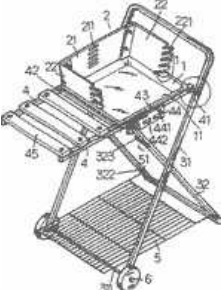
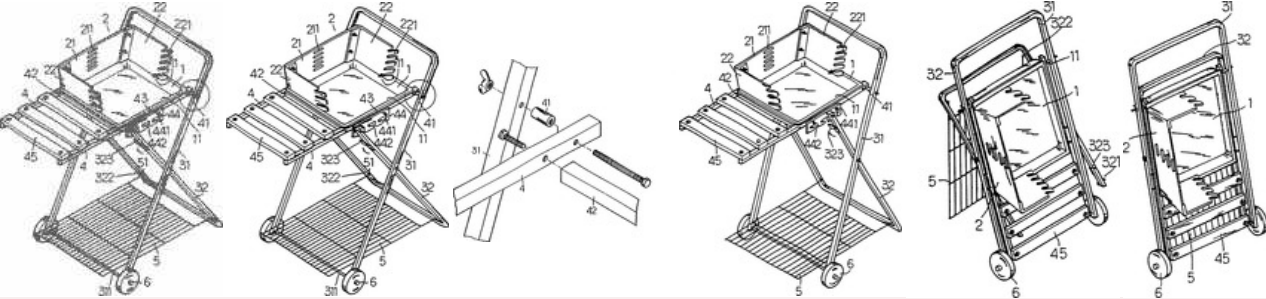
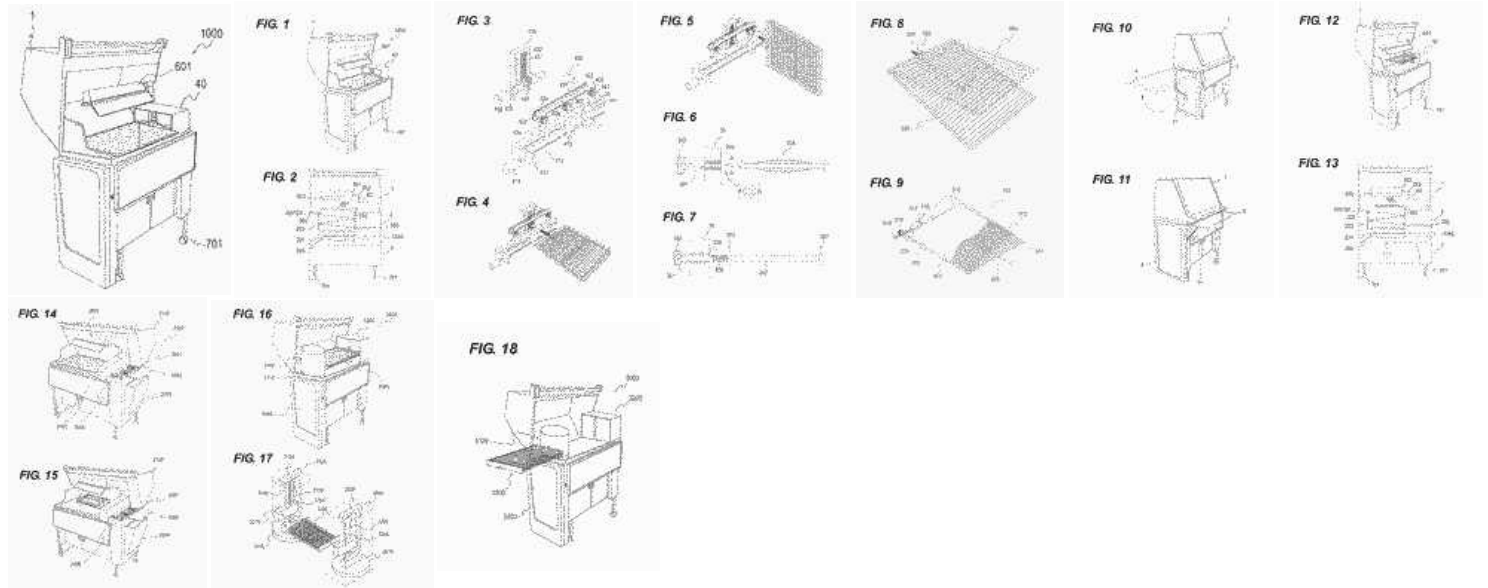
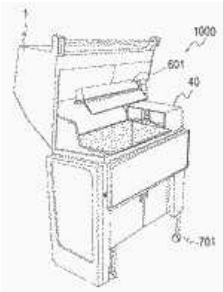


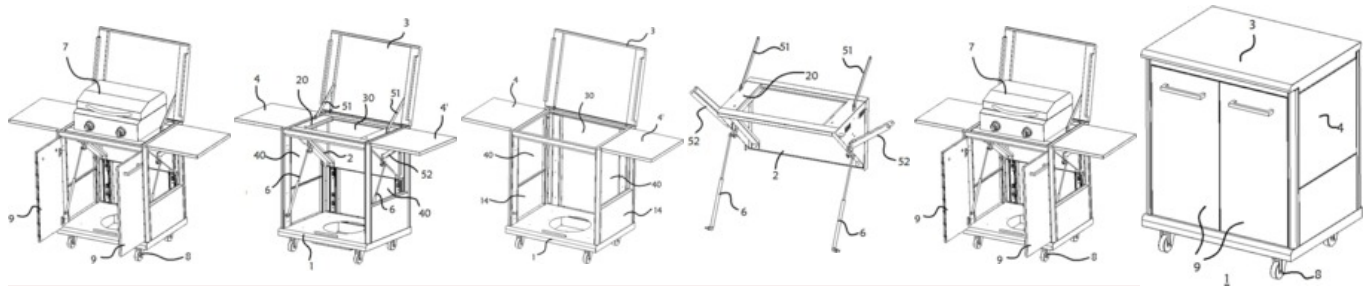
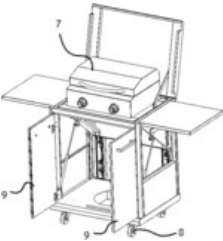
60 results for ((Roaster or oven or grilling) and folding and (elevation or lifting))/TI/AB/IW/CLMS AND (A47J)/IPC - Collection: FAMPAT

| #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Title                                                | Publication number | 1st app. date | Applicant/Assignee | 1st publ. date | Publ. date |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------|---------------|--------------------|----------------|------------|-------------------------------------------------------------------------------------|
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Folding roaster                                      | CN2710506          | 2004-07-29    | CHAN KWOK KUEN*    | 2005-07-20     | 2005-07-20 |  |
| <p>The utility model discloses a <b>folding roaster</b>, comprising a <b>roaster</b> body. The left and right ends of the upper end of the <b>roaster</b> body are provided with a left outer case and a right outer case. The <b>roaster</b> is provided with a shaft and the left and right outer cases are connected with the <b>roaster</b> body by the shaft. The outer case is provided with a left bracket and a right bracket. The <b>folding roaster</b> is characterized in that the <b>roaster</b> body is also provided with a <b>lifting</b> lamp bracket, the <b>lifting</b> lamp bracket is provided with a light assembly and the lower end of the lamp bracket is provided with a <b>folding</b> supporting rod. The utility model has the advantages that the <b>folding roaster</b> has simple structure, and because the <b>folding roaster</b> body is provided with the lamp bracket for adjusting the height and the lamp bracket is provided with the light assembly, the range of irradiation of the light is greatly enlarged and then people can use the <b>folding roaster</b> outdoor more conveniently. Besides, when the <b>roaster</b> is not used, the lamp bracket for adjusting the height can be folded and then the structure of the <b>folding roaster</b> is more compact and portable and the <b>folding roaster</b> also has stronger practicability.</p> |                                                      |                    |               |                    |                |            |                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                    |               |                    |                |            |    |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Folding and adjustable device for support of roaster | CN2238007          | 1995-08-09    | CHEN ZHONGER       | 1996-10-23     | 1996-10-23 |  |
| <p>The utility model discloses a <b>folding</b> and adjustable device for supports of a <b>roaster</b>, which comprises a <b>roaster</b> body, a protective sheet, a foot frame, a support pipe, a net frame and a wheel, wherein, the foot frame is formed by the pivoting with a long N-shaped pipe and a short N-shaped pipe in a crossing form; besides, the long N-shaped pipe and the short N-shaped pipe are respectively pivoted with one end of each support rod at the inner side on the upper end for positioning; the front end and the middle section between the support rods are respectively fixed with a straight pipe to form a frame for placing the <b>roaster</b> body; the sides on the middle section of the two support rods are fixedly provided with an adjustable sheet whose bottom is provided with a plurality of positioning grooves; a positioning post convexly arranged on the top side end of two straight pipes of the short N-shaped pipe is clamped into the positioning groove for adjusting the <b>lifting</b> of the support of the <b>roaster</b>; an inner clamp body on the upper end of the short N-shaped pipe clamps and positions a net frame on the bottom side of the support of the <b>roaster</b> when the two support rods are closed downwards.</p>                                                                                          |                                                      |                    |               |                    |                |            |                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                    |               |                    |                |            |   |

The present invention relates to a mobile meat **roaster**, which includes: a casing which forms the outer body; a heat supply part mounted in the casing for providing heat to food; and a first grill operation part mounted at an upper portion of the heat supply part for rotating the grill as well as moving it in the vertical and horizontal directions, wherein the first grill operation part includes a grill fixing part for attaching or detaching an end of the grill, a horizontal moving means for moving the grill in the horizontal direction, a rotation means for rotating the grill, and a **lifting** means for moving the grill in the vertical direction, and, accordingly, the cooking status of the grilled food may be accurately assessed by moving the grill forward, a user is protected from gas inhalation and burns from flames, and overall convenience is improved. Furthermore, as the grill rotates, heat is evenly distributed over the grilled food, burnt areas are avoided and taste is improved. Temperature may be kept uniform so that the food may be uniformly cooked without local burning or undercooking, since the grill rotates continuously. Additionally, the grilled food tastes better since it is dependant on the cook's manual efforts in turning the roasting food. Accordingly, uniform taste may be achieved regardless of the personal skills of a cook and seasoning becomes convenient for the cook.



The invention discloses a concealed type **folding oven** base with a **lifting** table board and an **oven** with the **oven** base. The concealed type **folding oven** base comprises a base body. The top of the base body is provided with a top opening. A cover plate is hinged to the edge of the rear side of the top opening. The left side wall and the right side wall of the base body are each provided with a side wall opening. A left side plate and a right side plate are hinged to the edges of the upper sides of the side wall openings respectively. A **lifting** table is arranged in the base body. The cover plate, the left side plate and the right side plate are hinged to the **lifting** table through connecting rods respectively. The bottom of the **lifting** table is connected to the base body through a telescopic supporting device. A sliding rail and a sliding slot which are matched are arranged between the rear portion of the **lifting** table and the inner side of the rear side wall of the base body. When the **oven** is in use, the cover plate is turned backwards, then, the **lifting** table, the left side plate and the right side plate can be opened at the same time in a linkage mode, and the relatively-stable horizontal using table board with the large area is formed; when the **oven** is not in use, the cover plate is turned forwards, and then the **lifting** table is driven to sink along with the **oven** installed on the **lifting** table and is stored in the base body in a concealed mode.



5.

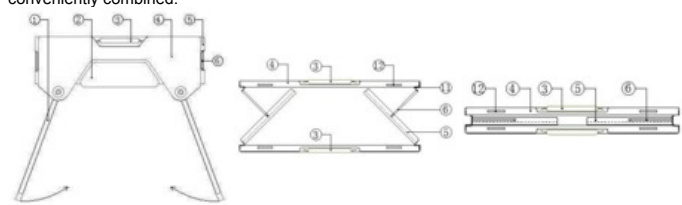
Combined **folding** barbecue **oven** shell CN105640360

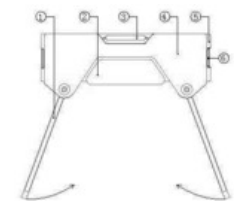
2016-03-28

WANG WENDONG

2016-06-08 2016-06-08

The invention discloses a combined **folding** barbecue **oven** shell which comprises an upper shell which can be folded and lower leg supports which can be folded to be stored. The upper shell is composed of a front obverse-side shell body, a back obverse-side shell body, two side shell bodies and two side shell body supports, one edge of each side shell body is connected with the edge of the corresponding obverse-side shell body through a hinge, and the other edge of each side shell body is not connected any portion of the shell; one end of each side shell body support is connected with the edge of one obverse-side shell body through a hinge, the other end of each side shell body support is axially connected with the middle of the corresponding side shell body, the lower portion of the shell is provided with the two set of leg supports, and the leg supports are axially connected with the obverse-side shell bodies of the shell; when the obverse-side shell bodies are pulled in the opposite directions, the side shell body supports drive the side shell bodies to do fan-shaped rotation motion, the side shell bodies are unfolded to form right angles with the obverse-side shell bodies, and then the shell is completely unfolded; when the shell is folded, the side shell bodies are pushed inwards, the side shell body supports pull the obverse-side shell bodies to do relative linear motion until the obverse-side shell bodies and the side shell bodies are combined and overlapped together, and the leg supports can be contracted and folded along with the obverse-side shell bodies and then folded into the bottoms of the obverse-side shell bodies; meanwhile, the obverse-side shell bodies and the side shell bodies are provided with inserting openings which can connect **folding** inner containers and gas-fired devices in a combined mode, and therefore various fuel barbecue modes can be conveniently combined.





6.

Cooking device e.g. barbecue for **grilling**, FR2998465

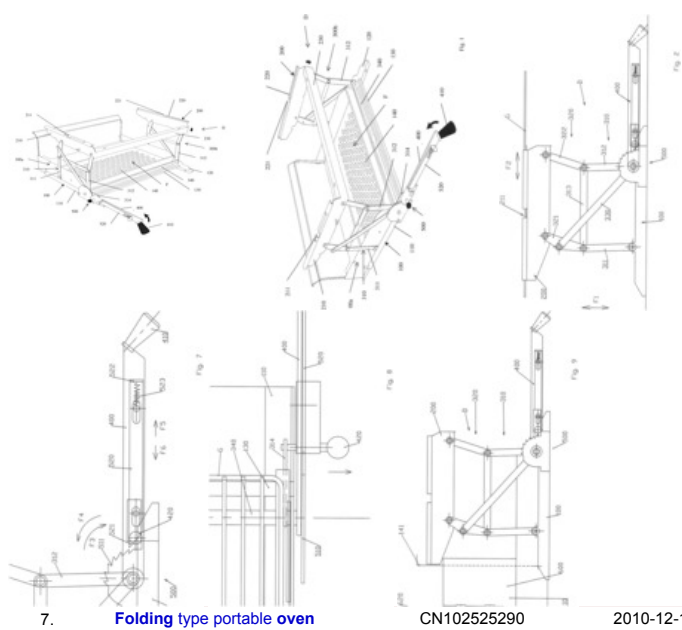
2012-11-23

FOGLIENI MICHEL

2014-05-30 2014-05-30

has **lifting** rod mounted in swiveling manner with regard to base, where rod is interdependent of **lifting** arm whose actuation ensures rotation of rod for deployment or **folding** of paral...

The device (D) e.g. barbecue, has a foldable frame including a base (100), and a plate (200) supporting a grid or a pin accommodating food to be cooked. The plate is able to be moved with regard to the base. A set of collapsible articulated structures (300a, 300b) is arranged for connecting the plate to the base. A **lifting** rod (314) is mounted in a swiveling manner with regard to the base. The rod is interdependent of a **lifting** arm (400) whose actuation by the user ensures rotation of the rod for deployment or **folding** of articulated parallelograms (310).





7.

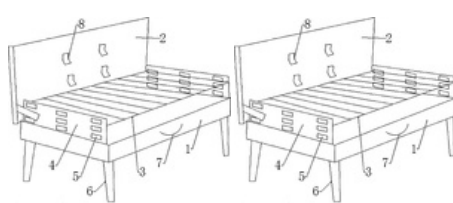
**Folding type portable oven** CN102525290

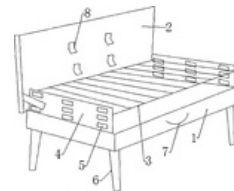
2010-12-14

Chen Jing

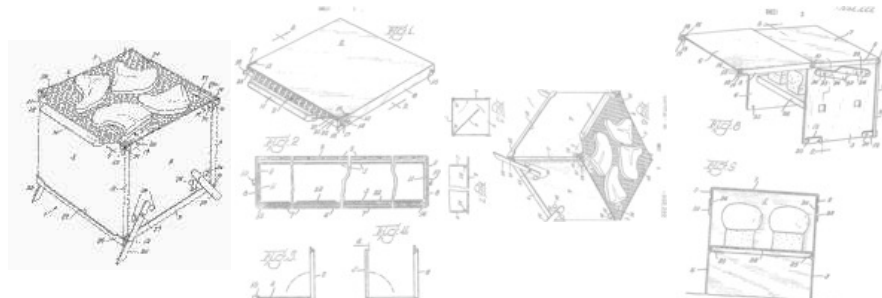
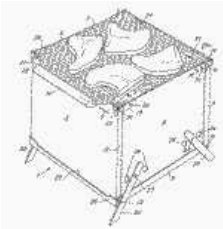
2012-07-04 2012-07-04

The invention relates to a barbecue tool, in particular to a **folding type portable oven**. The **folding type portable oven** is characterized by comprising a box body, a box cover and a grill, wherein a support frame is movably connected with the two sides in the box body respectively; the middle part of the side of the support frame close to the box cover is hinged with the box cover; a multi-layer buckle is arranged on each support frame; the grill is connected with the support frames through the buckles; a fixing seat for fixing the barbecue tool is arranged on the inner side of the box cover; the bottom of the box body is hinged with symmetric support legs; and a **lifting** handle is arranged on the side surface of the box body. The **folding type portable oven** has simple structure and small volume, is convenient to use and carry, does not require much time in assembly or disassembly, and saves time and labor, thereby being very suitable for people to take outside.



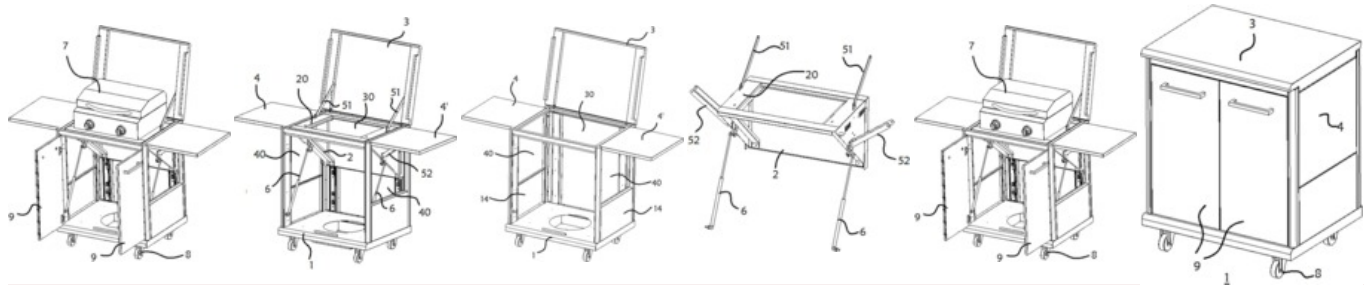
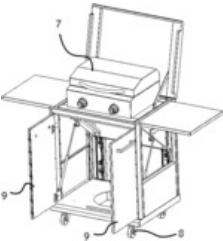


|                                                                                                                                                                                                                                                      |                                                 |           |            |              |            |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------|------------|--------------|------------|------------|
| 8.                                                                                                                                                                                                                                                   | <b>Folding combined broiler, oven and stove</b> | US3892222 | 1974-07-05 | DARBO ROLF E | 1975-07-01 | 1975-07-01 |
| A meat broiler is especially designed to use crumpled paper, e.g. newspaper, for fuel. The large assembled unit folds to a compact one-inch thick, package. It may also be used for frying and boiling food and may be converted to an <b>oven</b> . |                                                 |           |            |              |            |            |



|    |                                                                                                           |             |            |                                             |            |            |
|----|-----------------------------------------------------------------------------------------------------------|-------------|------------|---------------------------------------------|------------|------------|
| 9. | <b>Take hidden oven of folding roast furnace base and containing this roast furnace base of lift mesa</b> | CN206213912 | 2016-08-11 | DONGGUAN YOULECHU OUTDOOR LEISURE PRODUCTS* | 2017-06-06 | 2017-06-06 |
|----|-----------------------------------------------------------------------------------------------------------|-------------|------------|---------------------------------------------|------------|------------|

The utility model discloses a hidden **folding** roast furnace base who takes the lift mesa reaches the **oven** including this structure, including the pedestal, the pedestal top is equipped with open -top, and open -top's rear side edge still hinges an apron, and pedestal left and right sides wall all is equipped with the lateral wall opening, and lateral wall opening upside edge hinges respectively has left side board and right side board, sets up an elevating platform in the pedestal, and apron, left side board and right side board all hinge to the elevating platform through the connecting rod, and the bottom of elevating platform is connected to the pedestal through a telescopic supporting device, installs slide rail and the spout that matches between the rear portion of elevating platform and the back lateral wall inboard of pedestal, the utility model discloses during the use, turnover cover plate can open what elevating platform, left side board and right side board linked simultaneously backward, forms a great area and relatively stable level use mesa, when not using the **oven**, the apron rotates forward, and can drive the elevating platform and sink together together with the **oven** of installing on it and be hidden accomodating to being present internally.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |             |            |                                          |            |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------|------------|------------------------------------------|------------|------------|
| 10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Assembled oven with folding wind deflector</b> | CN201082129 | 2007-09-03 | ZHONGSHAN CITY A HUNDRED GAS APPLIANCES* | 2008-07-09 | 2008-07-09 |
| The utility model relates to a combined baking <b>oven</b> with a collapsible wind shield, comprising a baking <b>oven</b> , a gas kitchen range on the baking <b>oven</b> , a kitchen range head and a top cover on the gas kitchen range. The utility model is characterized in that the both sided of the top cover are respectively connected with a reversible wind shield, on which an L-shaped <b>lifting</b> lug is installed. The L-shaped <b>lifting</b> lug can be inserted into the fixing holes at the both sides of the gas kitchen range. An end of the L-shaped <b>lifting</b> lug is a reversed U-shaped agraffe and the other end of the L-shaped <b>lifting</b> lug is a wave-form shrapnel. The utility model aims to overcome the defects in the prior art, providing a combined baking <b>oven</b> with a collapsible wind shield, which has convenient installation and simple operation. |                                                   |             |            |                                          |            |            |

11. Charcoal cooker

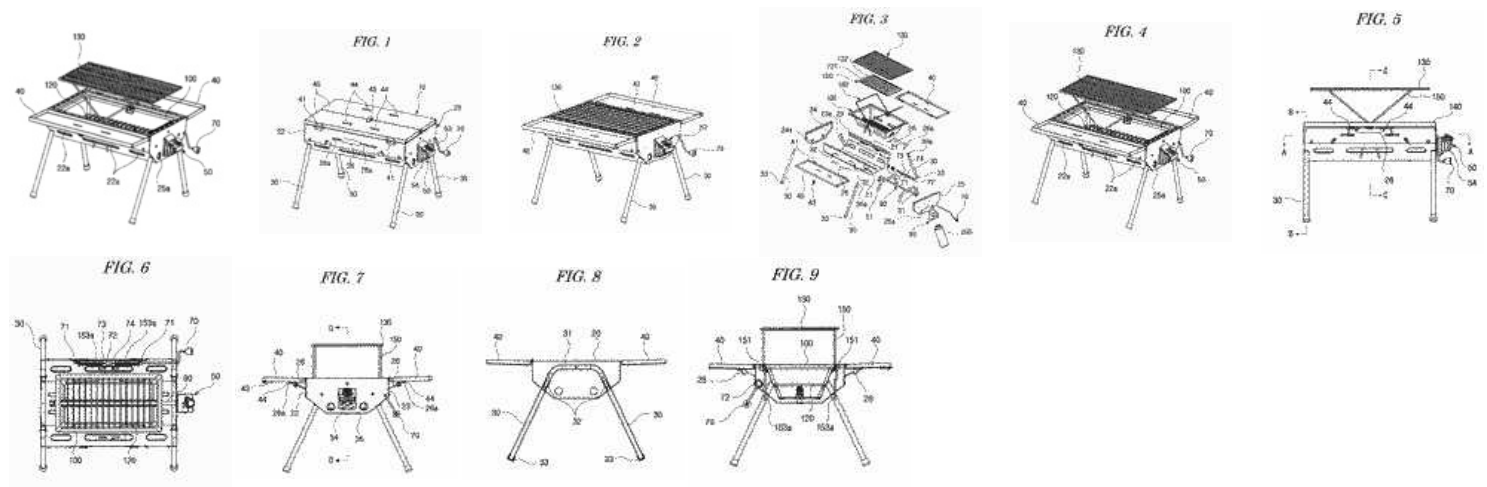
KR20000017975

1999-12-31

TECH ENGINEERING  
TECHNOLOGY ENGINEERING\*

2000-04-06 2000-04-06

The present invention relates to a charcoal cooker being easy to kindle a charcoal and to adjust heat applied to food in cooking. The charcoal cooker comprises: a charcoal burning part for containing and burning charcoal; a cooking part for cooking food by use of heat emitted from the charcoal burning part, a housing for defining an inner space with a top opening; an inner dish arranged on a bottom of said housing for receiving filth and defining said charcoal burning part; a fuel rack arranged at a position spaced from a bottom of said inner dish and in said inner dish; a support means adapted to support a food holder over said fuel rack; and a food holder **lifting** means adapted to adjust a gap between said fuel rack and said food holder supported by said support means by displacing said support means. The charcoal cooker may further comprise a charcoal kindling means adapted to kindle charcoal on said fuel rack by emitting flame from under said fuel rack; a cover constructed to close said top opening of said housing; and legs for supporting said housing at a height properly spaced from the ground.



12. Multifunctional barbecue oven

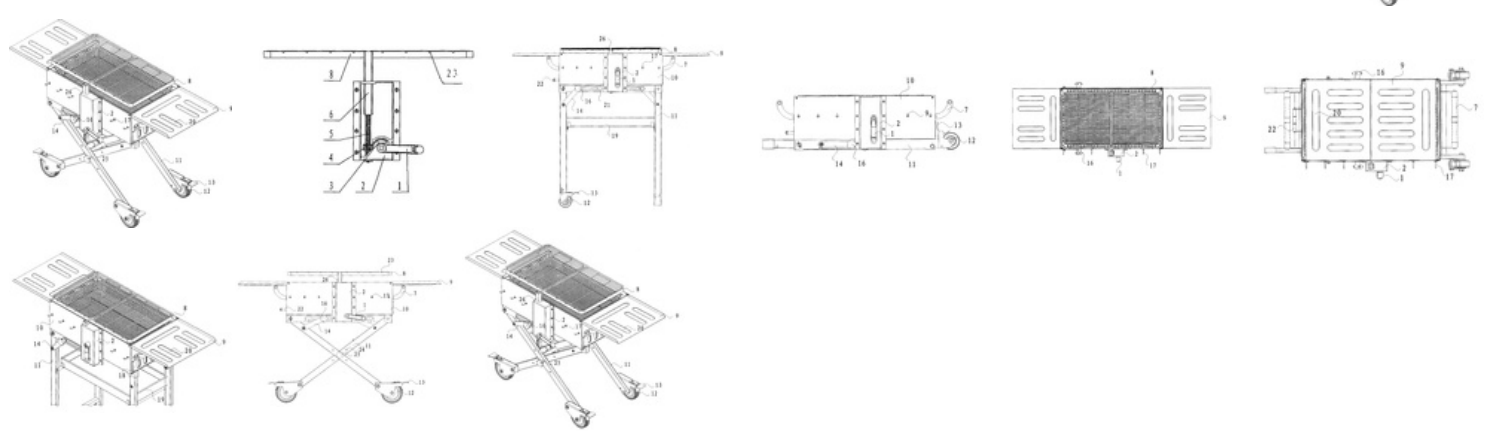
CN202739765

2012-08-29

YU FENGKANG

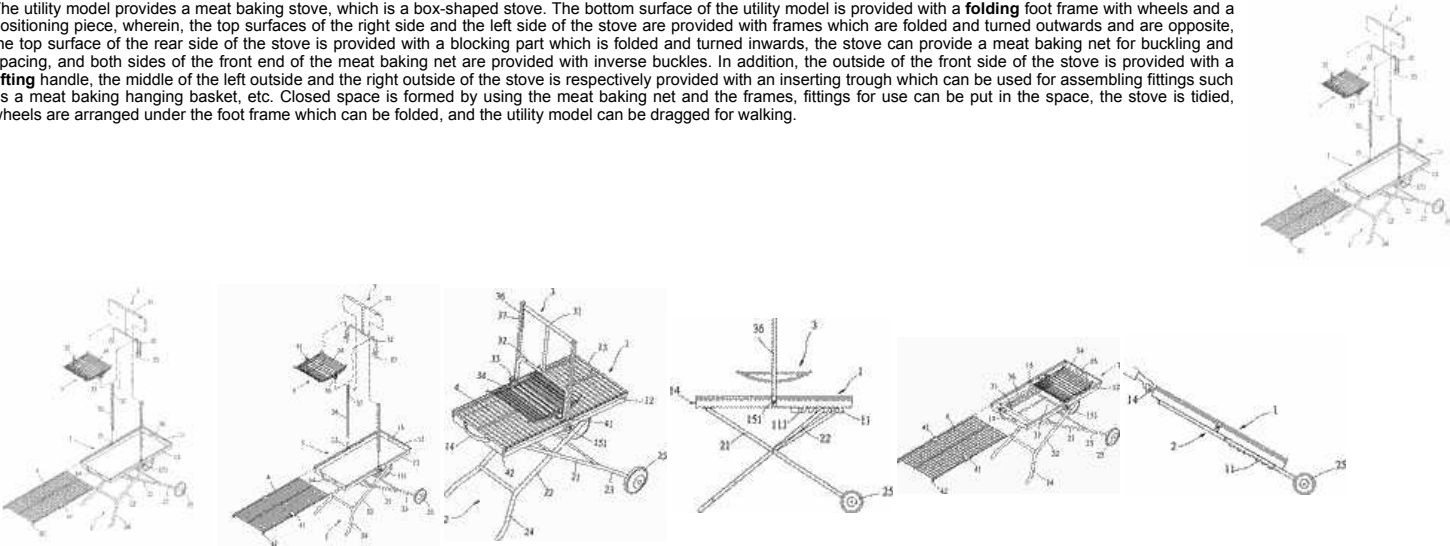
2013-02-20 2013-02-20

The utility model discloses a multifunctional barbecue **oven**. The multifunctional barbecue **oven** comprises an **oven** body, wherein a **folding** bracket is arranged at the bottom of the **oven** body, and a **lifting** baking tray is arranged above the **oven** body; the multifunctional barbecue **oven** further comprises a driving mechanism, the driving mechanism is used for driving the **lifting** baking tray and comprises a transmission case, a screw rod, a support component and a swing arm, wherein the transmission case is fixed at one side of the **oven** body, the screw rod is located in the transmission case and axially limited, the support component is fixedly connected with the **lifting** baking tray, the bottom of the support component stretches into the transmission case and is in threaded matching with the screw rod, and the swing arm is used for driving the screw rod to rotate. According to the multifunctional barbecue **oven** provided by the utility model, the **folding** is convenient, and the height of the **lifting** baking tray can be optionally adjusted according to requirements of a barbecuing operator.



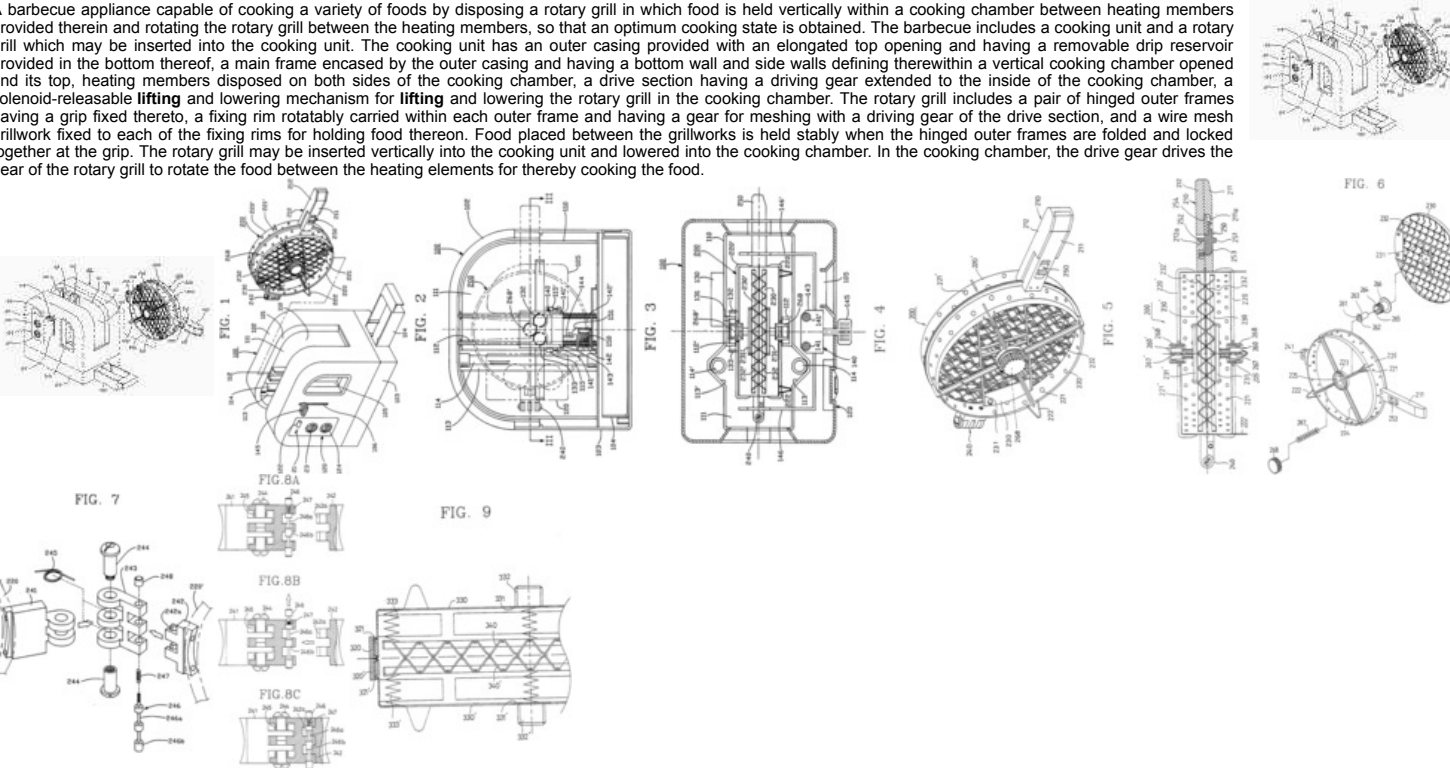
13.      **Roaster**      CN2438402      2000-08-21      QIU JINZHONG      2001-07-11      2001-07-11

The utility model provides a meat baking stove, which is a box-shaped stove. The bottom surface of the utility model is provided with a **folding** foot frame with wheels and a positioning piece, wherein, the top surfaces of the right side and the left side of the stove are provided with frames which are folded and turned outwards and are opposite, the top surface of the rear side of the stove is provided with a blocking part which is folded and turned inwards, the stove can provide a meat baking net for buckling and spacing, and both sides of the front end of the meat baking net are provided with inverse buckles. In addition, the outside of the front side of the stove is provided with a **lifting** handle, the middle of the left outside and the right outside of the stove is respectively provided with an inserting trough which can be used for assembling fittings such as a meat baking hanging basket, etc. Closed space is formed by using the meat baking net and the frames, fittings for use can be put in the space, the stove is tidied, wheels are arranged under the foot frame which can be folded, and the utility model can be dragged for walking.



14.      **Barbecue**      WO9527427      1995-04-08      **AHN SHIN YOUNG\***  
LEE YOUNG  
SHIN YANGU  
SHIN YOUNG      1995-10-19      1995-10-19

A barbecue appliance capable of cooking a variety of foods by disposing a rotary grill in which food is held vertically within a cooking chamber between heating members provided therein and rotating the rotary grill between the heating members, so that an optimum cooking state is obtained. The barbecue includes a cooking unit and a rotary grill which may be inserted into the cooking unit. The cooking unit has an outer casing provided with an elongated top opening and having a removable drip reservoir provided in the bottom thereof, a main frame encased by the outer casing and having a bottom wall and side walls defining therewithin a vertical cooking chamber opened and its top, heating members disposed on both sides of the cooking chamber, a drive section having a driving gear extended to the inside of the cooking chamber, a solenoid-releasable **lifting** and lowering mechanism for **lifting** and lowering the rotary grill in the cooking chamber. The rotary grill includes a pair of hinged outer frames having a grip fixed thereto, a fixing rim rotatably carried within each outer frame and having a gear for meshing with a driving gear of the drive section, and a wire mesh grillwork fixed to each of the fixing rims for holding food thereon. Food placed between the grillworks is held stably when the hinged outer frames are folded and locked together at the grip. The rotary grill may be inserted vertically into the cooking unit and lowered into the cooking chamber. In the cooking chamber, the drive gear drives the gear of the rotary grill to rotate the food between the heating elements for thereby cooking the food.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |               |            |                |            |            |
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| 15.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Disposable, non-absorbent, splatter guard | US20150182069 | 2014-12-25 | ZACZYK TERRI M | 2015-07-02 | 2015-07-02 |
| <p>A disposable, non-absorbent cooking utensil is described for selectively covering foodstuffs in stovetop, microwave, <b>oven</b>, slow-roaster, crockpot, griddle or grill-top cooking operations. The entire cover, with integrated handle, has sufficient wet-strength and rigidity to maintain its shape and integrity so as to be easily removable and replaceable during cooking. The cover is made of a non-absorbent and optionally fire-resistant material that is permeable enough to allow steam to escape while still containing grease splatter and cooking liquids within the cooking vessel, thereby preventing boil-over or foaming of liquids (as can be caused by starch when cooking pasta and potatoes, etc.) and promoting a cooking environment similar to uncovered frying or cooking; enabling thickening and frying, etc. The material of the cover is also sufficiently resistant to the conduction of heat that the integrated handle does not get so hot during operation that it prevents easy grasping and <b>lifting</b> without getting burned. Once used, the entire cover is easily discarded creating minimal waste due to its minimal material content, obviating the need for messy cleanup.</p> |                                           |               |            |                |            |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |               |            |                |            |            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |             |            |             |            |                                                                                     |
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| 16.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Multifunctional oven | CN102835909 | 2012-08-29 | YU FENGKANG | 2012-12-26 | 2012-12-26                                                                          |
| <p>The invention discloses a multifunctional <b>oven</b>, which comprises an <b>oven</b> body, wherein a <b>folding</b> support is arranged at the bottom of the <b>oven</b> body; a <b>lifting</b> baking tray is erected above the <b>oven</b> body; the <b>oven</b> body is also provided with a driving mechanism which is used for driving the <b>lifting</b> baking tray and is composed of a transmission case, a lead screw, a supporting part and a rocker; the transmission case is fixed at one side of the <b>oven</b> body; the lead screw is positioned in the transmission case and is axially limited; the supporting part is fixedly connected with the <b>lifting</b> baking tray, and the bottom of the supporting part extends in the transmission case and is in screw-thread fit with the lead screw; and the rocker is used for driving the lead screw to rotate. The multifunctional <b>oven</b> is convenient to fold and the height of the <b>lifting</b> baking tray can be adjusted at will according to requirements of a barbecue person.</p> |                      |             |            |             |            |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |             |            |               |            |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|------------|---------------|------------|------------|
| 17.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Foldable barbecue oven | CN206026116 | 2016-07-22 | HU TIANSHUANG | 2017-03-22 | 2017-03-22 |
| <p>The utility model discloses a foldable barbecue <b>oven</b>, including the furnace body, install charcoal brazier in the furnace body, install the roast net on the charcoal brazier and be used for supporting the stove foot of furnace body, roast online horizontal or longitudinal tie has a roast net bracing piece of two at least U types, rotation through roast net bracing piece realizes upwards <b>lifting</b> up of roast net or covers downwards in roast net installation, at the articulated roast net handle in the relative both sides of roast net, roast net handle is realized expanding or is <b>folding</b> through rotating, the stove foot is collapsible, telescopic stove foot, including left foot subassembly, right crus of diaphragm subassembly and be used for connecting the foot fixed bolster of furnace body and left foot subassembly, right crus of diaphragm subassembly, places the furnace body bottom in after the shrink of stove foot is <b>folding</b>, sparingly carries the space, makes people's barbecue journey more light. During the use, launch the left and right foot subassembly of stove foot, detain the relative position cruciate fixation who makes left and right foot subassembly in the card of location through the locating lever, it is tensile with the bracing piece again, form stable triangular supports structure, launch easy and simple to handliely, facilitate the use.</p> |                        |             |            |               |            |            |

18.

Dutch oven stand

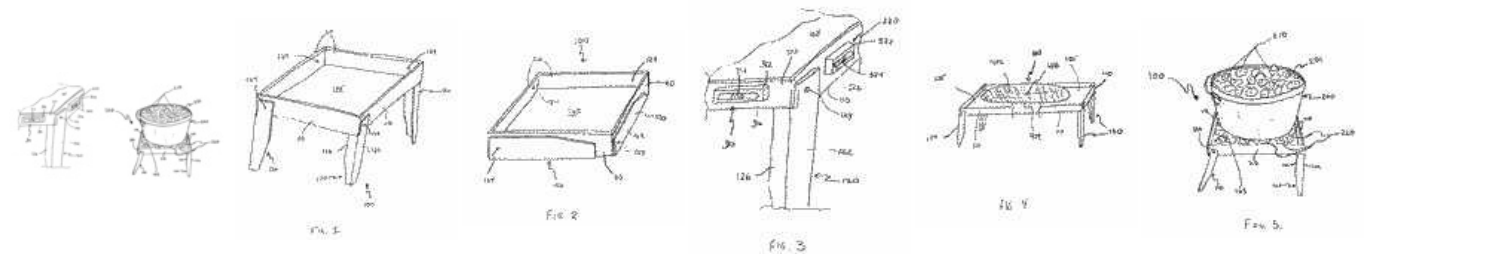
US6945243

2004-01-27

ORLICK JONATHAN B;POWELL JR  
ROY THOMAS;WALKER MICHAEL ERIC

2005-09-20 2005-09-20

A portable Dutch **Oven** stand comprising a low aspect ratio and few parts which are integrally pieced together into one transportable unit. In a preferred form the Dutch **Oven** Stand includes a tray for holding cooking fuel (typically charcoal briquettes) at a safe distance from the ground while also maintaining such fuel from falling onto the ground, and while also supporting at least one Dutch **Oven** during cooking. The Dutch **Oven** stand also comprises **folding** legs permanently attached to the tray, a leveling means forming a part of the tray to level the stand prior to cooking, and a rotatable platform assembly for rotating a Dutch **Oven** while on the stand without **lifting** the Dutch **Oven** from the stand.



19.

Oven furnace body structure

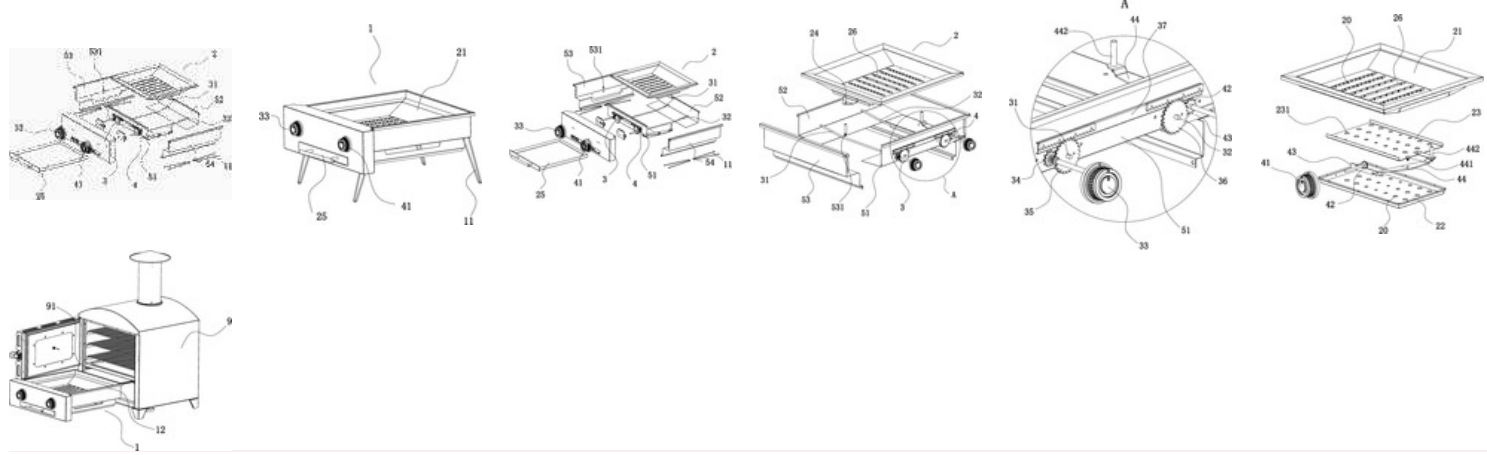
CN103169389

2013-03-25

LAO XIXIN

2013-06-26 2013-06-26

The invention discloses an **oven** furnace body structure which comprises a furnace body main body. The furnace body main body comprises a frame body, a combustion disc component and a **lifting** device. The combustion disc component is arranged on the frame body, and the **lifting** device which can adjust the height of the combustion disc component is configured on the furnace body main body. A plurality of air openings are formed in the combustion disc component, and an air opening adjusting device which can adjust the sizes of the air openings on the combustion disc component is further configured on the furnace body main body. The height of the combustion disc component can be adjusted through the **lifting** device, and the height of the combustion disc component and baked goods in an **oven** are arranged in a reasonable distance according to a combustion state, baked time and the like, and simultaneously the sizes of the air openings can be adjusted through the air opening adjusting device so as to control the combustion state and speed. The **oven** furnace body structure improves combustion efficiency, and is good in baked effect, energy-saving and environmental-friendly, high in flexibility and strong in practical applicability.



20.

Food serving set for roasting oven

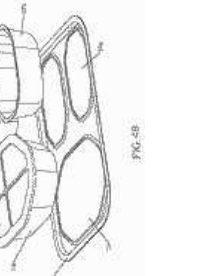
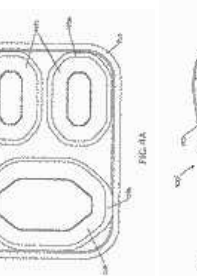
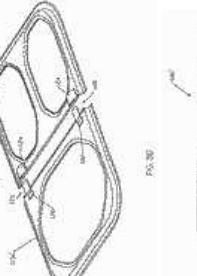
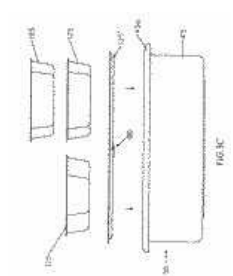
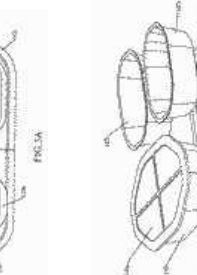
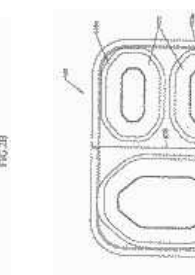
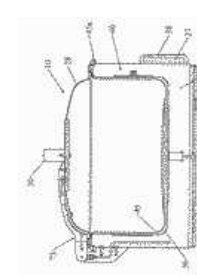
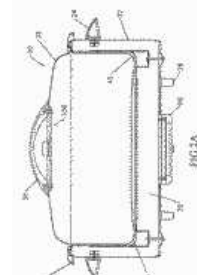
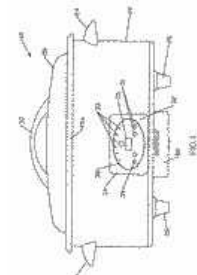
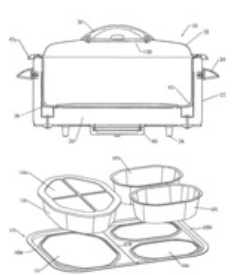
US20040094532

2003-11-12

ACORNE ENTERPRISES\*

2004-05-20 2004-05-20

A food serving set for use in combination with a roasting oven or similar deep well cooker is disclosed. The present food serving set is comprised of a plurality of individual containers with sealable lids for maintaining food items in a ready-to-eat condition. The present serving set features collapsible supporting racks, which position the food containers within the deep well cooker while in use. In one embodiment the supporting rack is foldable for convenient storage or packaging of the serving set within the interior space of the roasting oven. In another embodiment the supporting rack may be easily disassembled for storage using a latching mechanism or other suitable quick connect/disconnect fasteners. In another embodiment the food containers include integral peripheral flanges, which are fitted to the inner edge of the cooking vessel and the supporting rack is unnecessary. The food serving set features folding lift out handles for user convenience.



21.

Frying and baking machine with liftable baking tray

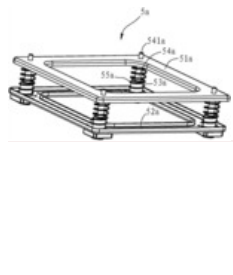
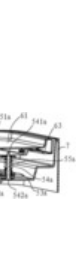
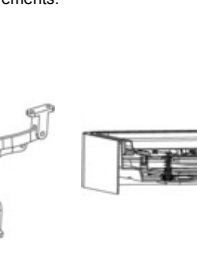
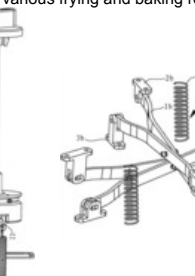
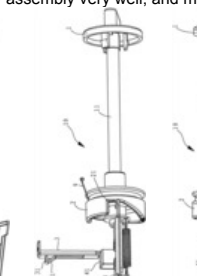
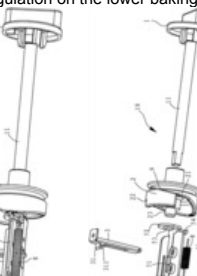
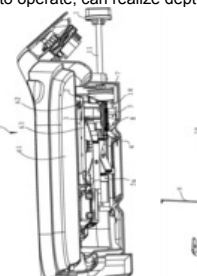
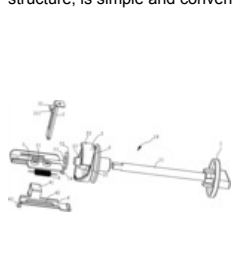
CN105832188

2016-06-16

NINGBO AIJIA ELECTRICAL APPLIANCES\*

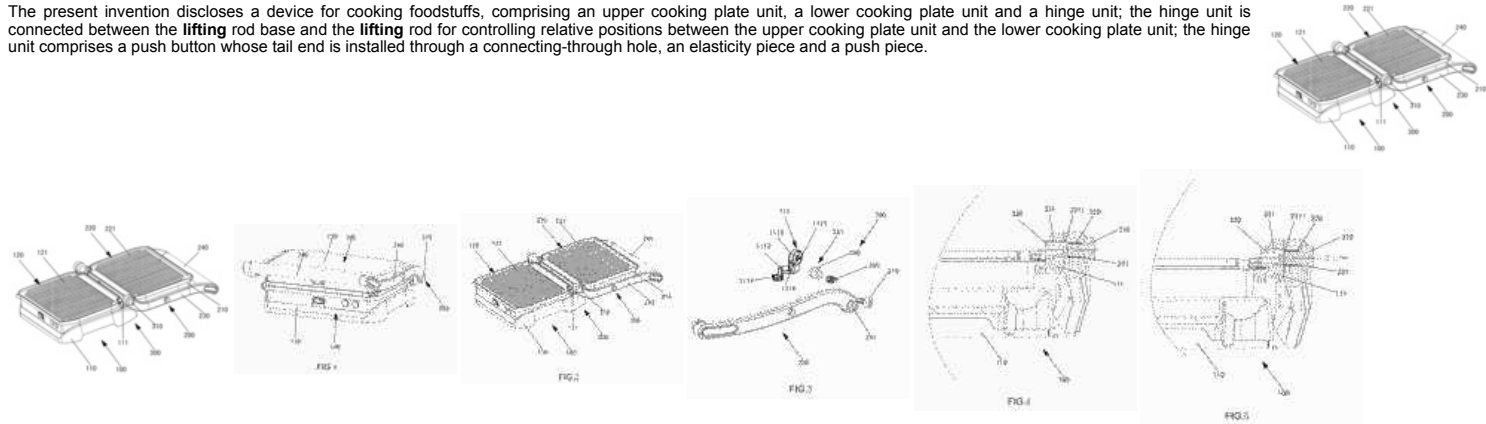
2016-08-10 2016-08-10

The invention discloses a frying and baking machine with a liftable baking tray. The frying and baking machine comprises a lower housing, a drive mechanism and a lower baking tray assembly arranged in the lower housing, wherein the drive mechanism can drive the lower baking tray assembly to realize **lifting**. The frying and baking machine is characterized in that the drive mechanism comprises a knob, a positioning buckle, a positioning rod, a spring, a cam and an inhaul cable, wherein the knob is rotatably arranged on the outer end surface of the lower housing, and is provided with a rotary shaft in an axial extending manner; the positioning buckle is arranged in the lower housing, and can transversely move; the positioning rod is arranged on the lower end surface of a lower baking tray; a cam shaft is axially provided with a groove which is matched with the positioning buckle for limiting the cam from rotating; the upper end of the inhaul cable is connected with the lower baking tray assembly; the lower end of the inhaul cable is connected with the cam. Compared with the prior art, the frying and baking machine with the liftable baking tray has the advantages that the knob drives the cam to rotate, so that the locking and the unlocking of the positioning rod and the positioning buckle are realized; the frying and baking machine is simple and compact in structure, is simple and convenient to operate, can realize depth regulation on the lower baking tray assembly very well, and meets various frying and baking requirements.



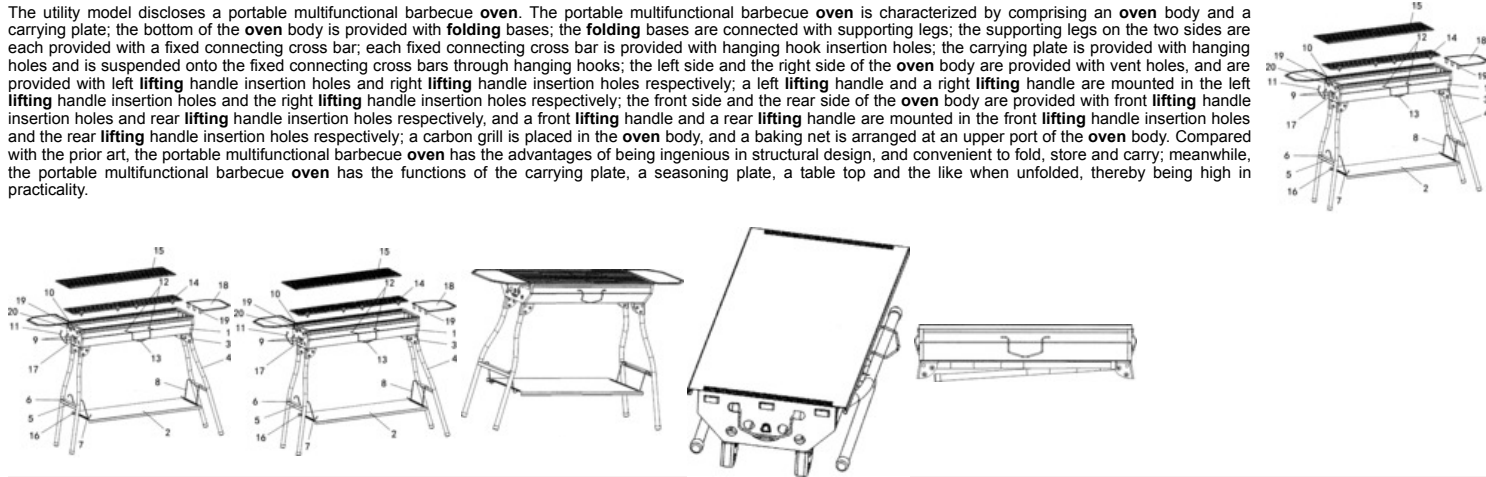
|     |                               |             |            |                                                                            |                       |
|-----|-------------------------------|-------------|------------|----------------------------------------------------------------------------|-----------------------|
| 22. | Device for cooking foodstuffs | CN101305891 | 2007-05-17 | TSANN KUEN CHINA ENTPR*<br>TSANN KUEN ENTERPRISE<br>TSANN KUEN ENTERPRISES | 2008-11-19 2008-11-19 |
|-----|-------------------------------|-------------|------------|----------------------------------------------------------------------------|-----------------------|

The present invention discloses a device for cooking foodstuffs, comprising an upper cooking plate unit, a lower cooking plate unit and a hinge unit; the hinge unit is connected between the **lifting** rod base and the **lifting** rod for controlling relative positions between the upper cooking plate unit and the lower cooking plate unit; the hinge unit comprises a push button whose tail end is installed through a connecting-through hole, an elasticity piece and a push piece.



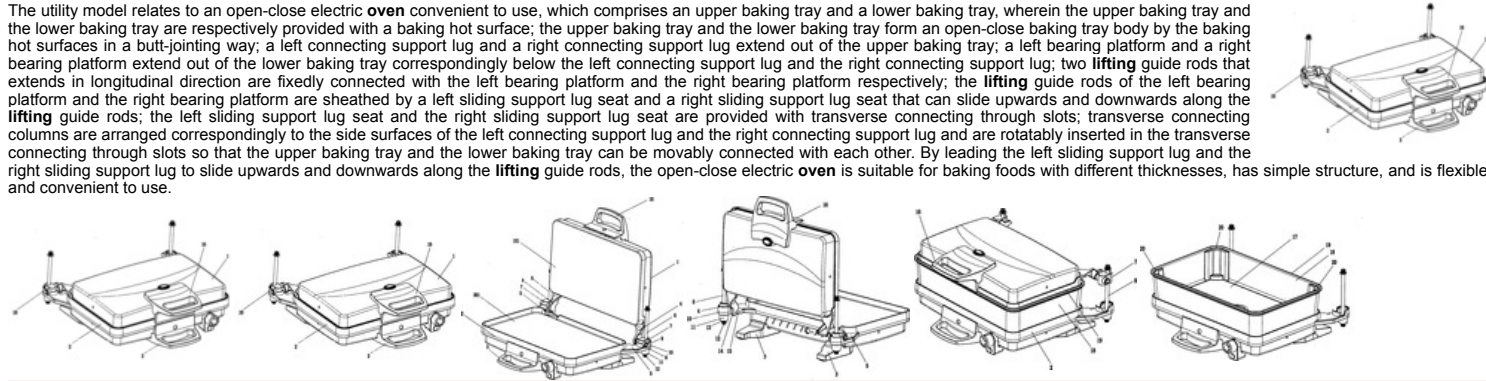
|     |                                        |             |            |             |                       |
|-----|----------------------------------------|-------------|------------|-------------|-----------------------|
| 23. | Portable multifunctional barbecue oven | CN204091783 | 2014-09-22 | HU XIAODONG | 2015-01-14 2015-01-14 |
|-----|----------------------------------------|-------------|------------|-------------|-----------------------|

The utility model discloses a portable multifunctional barbecue **oven**. The portable multifunctional barbecue **oven** is characterized by comprising an **oven** body and a carrying plate; the bottom of the **oven** body is provided with **folding** bases; the **folding** bases are connected with supporting legs; the supporting legs on the two sides are each provided with a fixed connecting cross bar; each fixed connecting cross bar is provided with hanging hook insertion holes; the carrying plate is provided with hanging holes and is suspended onto the fixed connecting cross bars through hanging hooks; the left side and the right side of the **oven** body are provided with vent holes, and are provided with left **lifting** handle insertion holes and right **lifting** handle insertion holes respectively; a left **lifting** handle and a right **lifting** handle are mounted in the left **lifting** handle insertion holes and the right **lifting** handle insertion holes respectively; the front side and the rear side of the **oven** body are provided with front **lifting** handle insertion holes and rear **lifting** handle insertion holes respectively, and a front **lifting** handle and a rear **lifting** handle are mounted in the front **lifting** handle insertion holes and the rear **lifting** handle insertion holes respectively; a carbon grill is placed in the **oven** body, and a baking net is arranged at an upper port of the **oven** body. Compared with the prior art, the portable multifunctional barbecue **oven** has the advantages of being ingenious in structural design, and convenient to fold, store and carry; meanwhile, the portable multifunctional barbecue **oven** has the functions of the carrying plate, a seasoning plate, a table top and the like when unfolded, thereby being high in practicality.



|     |                                            |             |            |                                 |                       |
|-----|--------------------------------------------|-------------|------------|---------------------------------|-----------------------|
| 24. | Open-close electric oven convenient to use | CN201879510 | 2010-10-14 | GUANGDONG JINHUA GAS APPLIANCE* | 2011-06-29 2011-06-29 |
|-----|--------------------------------------------|-------------|------------|---------------------------------|-----------------------|

The utility model relates to an open-close electric **oven** convenient to use, which comprises an upper baking tray and a lower baking tray, wherein the upper baking tray and the lower baking tray are respectively provided with a baking hot surface; the upper baking tray and the lower baking tray form an open-close baking tray body by the baking hot surfaces in a butt-jointing way; a left connecting support lug and a right connecting support lug extend out of the upper baking tray; a left bearing platform and a right bearing platform extend out of the lower baking tray correspondingly below the left connecting support lug and the right connecting support lug; two **lifting** guide rods that extends in longitudinal direction are fixedly connected with the left bearing platform and the right bearing platform respectively; the **lifting** guide rods of the left bearing platform and the right bearing platform are sheathed by a left sliding support lug seat and a right sliding support lug seat that can slide upwards and downwards along the **lifting** guide rods; the left sliding support lug seat and the right sliding support lug seat are provided with transverse connecting through slots; transverse connecting columns are arranged correspondingly to the side surfaces of the left connecting support lug and the right connecting support lug and are rotatably inserted in the transverse connecting through slots so that the upper baking tray and the lower baking tray can be movably connected with each other. By leading the left sliding support lug and the right sliding support lug to slide upwards and downwards along the **lifting** guide rods, the open-close electric **oven** is suitable for baking foods with different thicknesses, has simple structure, and is flexible and convenient to use.



A collapsible roasting oven includes a base, two side plates, a cover and a rear plate combined together. The base has two opposite sides respectively and pivotally combined with one side plate by means of hinges. Each side plate is composed of an upper **folding** plate and a lower **folding** plate pivotally connected together by hinges. The cover is pivotally mounted at the topside of the two side plates by hinges, having a heater installed at the topside. The rear plate is pivotally assembled at the rear side of the cover by hinges. The roasting oven of this invention is needless to be assembled and able to be quickly expanded from the collapsed condition for use without help of any tool, and also able to be collapsed quickly and convenient for saving storing space and for to be carried about.

