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(54) **A COOKING DEVICE WITH HINGED COVER HAVING AN ILLUMINATING MEMBER**

KOCHGERÄT MIT DECKEL DER EIN SCHARNIER, UND EIN LEUCHTMITTEL UMFASST

APPAREIL DE CUISSON AVEC COUVERCLE ARTICULE COMPRENANT UN EMETTEUR DE  
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(73) Proprietor: **BSH Hausgeräte GmbH  
81739 München (DE)**

(72) Inventors:  
• **Atalay, Engin**  
**59500 TEKIRDAG (TR)**  
• **Cosar, Sevgi**  
**34520 ISTANBUL (TR)**  
• **Torun, Hasan Emrah**  
**34488 ISTANBUL (TR)**

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## Description

**[0001]** The invention relates to cooking devices comprising illumination members providing to illuminate a cover or a top plate of the cooking device.

**[0002]** Cooking devices are usually manufactured in a structure as only a hob or a range with a hob having a top plate part integrated to an oven part. The hobs have a cover covering the top plate while the hob is not in use or retaining open while the hob is in use. The cover is manufactured from ceramic and particularly glass materials. The cover of the cooking device hinged to the top plate pivotally between a horizontal position covering an upper side of the top plate and an upright position in which the top plate is exposed.

**[0003]** In the prior art, there are some embodiments having illuminating members providing to illuminate the top plate. So, cooking pan and meal in the cooking pan can be seen while cooking. And there are some embodiments providing esthetical view on the household appliance. A cooking device according to the preamble of claim 1 is known from document FR2598204, which relates to a domestic appliance comprising at least one cooking surface and a cover for protecting this cooking surface. It further comprises, associated with the cover, means for illuminating the surface of the hot plate of the cooking surface, so as to illuminate the top of the dishes placed on the hot plate.

**[0004]** Another cooking device with an illuminating member is known from the document with the publication number, EP2189727. A hand grip of a domestic appliance comprises a LED light source, two fastening elements and a grip portion having a window and a cover fitted in the window, transparent to the light rays emitted by the light source.

**[0005]** A further cooking device with an illuminating member is known from prior art document US 2 809 282 A. A stove body has a cooking surface and a backrail along the rear edge of said cooking surface. The backrail carries a light source for illuminating the cooking surface of the stove.

**[0006]** An illuminating member providing to illuminate a cover or a top plate of the cooking device is disclosed in prior art document CN 203 731 510 U. An integrated oven comprises a box body and an upper cover which is hinged with the box body together. The upper cover is provided with an exhaust opening, and the exhaust opening is provided with a lighting device.

**[0007]** An illuminating member for an oven is disclosed in prior art document DE 10 2011 088087 A1. The illuminating member is disposed in a housing which comprises a sealing for preventing water or another fluid leakage towards inside the housing.

**[0008]** For facilitating visibility in a furniture, prior art document KR 101 376 705 B1 teaches to incorporate a lightning device in the furniture door hinge.

**[0009]** A cooking device known from FR1232218A comprises a hob with a cover plate, which has a hinge

bearing integrated into a rod for supporting the top plate. Purpose of the invention is to illuminate a cover or a top plate of a cooking device and also to provide an esthetical view for the cooking device.

5 **[0010]** In order to achieve above object, the invention relates to a cooking device comprising a hob having a top plate; a cover hinged to the top plate and movable between a closed position and an open position and; a hinge pivoting the cover onto the top plate. A hinge bearing of the hinge has at least one illuminating member. 10 Thus, the illumination of the cover or the top plate of a cooking device is provided. And also an esthetical view for the cooking device is provided.

15 **[0011]** In a possible embodiment of the invention, the illuminating member comprises a diffuser and a light source positioned under the diffuser. Thus, light beams can be diffused by the diffuser and the light source provides the light. The diffuser may be manufactured from an opal glass or an opaque plastic. The illuminating member is LED and the light source has a LED PCB card. 20

**[0012]** In another possible embodiment of the invention, the light source comprises at least one mounting opening. Thus, the light source can be mounted to the diffuser.

25 **[0013]** In another possible embodiment of the invention, the diffuser comprises at least one mounting tab. Thus, the mounting tab of the diffuser is passed through the mounting opening for fixing the light source to the diffuser.

30 **[0014]** In another possible embodiment of the invention, the diffuser is in a form like a semi circle. Thus, semi circular form of the diffuser provides to diffuse the light beams along the semi circle form.

35 **[0015]** In another possible embodiment of the invention, the diffuser is formed as being angled. Thus, the angle of the diffuser provides to focus light beams along the limited angle. The limited angle is exactly or nearly 180°.

40 **[0016]** In another possible embodiment of the invention, the angle of the diffuser is arranged as diffusing the light from the light source to many directions towards to the top plate and the cover. Thus, the top plate and the cover are illuminated.

45 **[0017]** In another possible embodiment of the invention, the hinge bearing comprises a housing for disposing the illuminating member. Thus, mounting of the illuminating member is easy and practical by disposing the illuminating member into the housing.

50 **[0018]** In another possible embodiment of the invention, the diffuser is disposed as embedded in the housing of the hinge bearing. Thus, the hinge bearing with an illuminating member provides an esthetical view and the diffuser can be held harmless in the housing.

55 **[0019]** In another possible embodiment of the invention, the housing is formed at a top part of the hinge bearing. Thus, the illumination is provided at a visible part of the cooking device.

**[0020]** In another possible embodiment of the inven-

tion, the cooking device comprises at least one electrical transmission means connected to the illuminating member for transmitting electrical energy to the illuminating member. Thus, electrical energy to the illuminating member is provided by means of the electrical transmission means.

**[0021]** In another possible embodiment of the invention, the electrical transmission means comprises at least one electrical terminal connected to the light source. Thus, the electrical terminals provide to transmit the electrical energy by contacting to the light source and especially to the LED PCB card.

**[0022]** In another possible embodiment of the invention, the electrical terminal is disposed at an inner part of the hinge bearing. Thus, electrical transmission means particularly electrical terminal can be hidden at the inner part of the hinge bearing. As a result of this, electrical terminal can be secured from fluid leakages and can be held harmless.

**[0023]** In another possible embodiment of the invention, the electrical transmission means is a cable. Thus, the electrical transmission is provided in a reliable manner.

**[0024]** In another possible embodiment of the invention, the cooking device comprises a sealing between the housing and boundaries of the diffuser where the diffuser contacts to the housing. Thus, the sealing prevents water or another fluid leakage towards inside the housing.

#### Explanation of Diagrams:

##### **[0025]**

- Figure 1 is a perspective view from the front of a cooking device particularly a hob.
- Figure 2 (Detail A) is a detail view taken from figure-1.
- Figure 3 is a perspective view from the front of a cooking device.
- Figure 4 is a perspective view from the front of a hinge bearing having an illuminating member.
- Figure 5 is a perspective view from the lower part of the hinge bearing.
- Figure 6 is a perspective view from the lateral side of the illuminating member.
- Figure 7 is a perspective view from the lateral side of a diffuser of the illuminating member.
- Figure 8 is a perspective view from the lateral side of a light source of the illuminating member.

**[0026]** The invention relates to a cooking device (1) comprising a hinge (7) particularly a hinge bearing (71) with an illuminating member (3).

**[0027]** Figure 1 is a perspective view from the front of a cooking device (1) particularly a hob (13). Figure 2 (Detail A) is a detail view taken from figure-1. Figure 3 is a perspective view from the front of a cooking device (1). The cooking device (1) can be structured as a hob (13) or an

oven having at least one cooking chamber (12) or a cooking device with the oven and the hob integrated on the same body (11). A hob (13) of this kind of a cooking device is set on a top plate (14). The top plate (14) is integrated to the body (11). There is a pan-support (16) which will support cooking pans, pots etc. on the top plate (14). A control panel (17) is disposed on a front side of the body (11) where easy to reach. Buttons (18) provides to adjust properly heat of the cooking chamber (12) and/or gas flow for the burners (15), are disposed on the control panel (17).

**[0028]** A hinge (7) provides to pivot a cover (19) of the cooking device (1) on the body (11) or on the top plate (14) of the cooking device (1). The cover (19) can be structured as a cover which can be closed onto the hob (13) (figure-1). The cover (19) is pivoted onto the body (11) of the cooking device (1), detachably. A hinge bearing (71) of the hinge (7) provides to fix the hinge (7) to the body (11). Hence, the hinge bearing (71) is disposed onto the top plate (14) in a manner passing a snap connector (713) of the hinge bearing (71) through a plug-in opening (141) formed on the top plate (14).

**[0029]** An upper profile (23) is formed in a manner being adaptable to an upper side of the cover (19) of an upright position of the cover (19). The upper profile (23) is manufactured from a metal material. The cover (19) is manufactured from a ceramic-based material particularly a glass material. The hinge bearing (71) is manufactured from a non-conductive material particularly a glass-fiber reinforced plastic. In an alternative embodiment, the hinge bearing (71) can be manufactured from a conductive material, in this case, security measures are taken by applying electrical insulation on the hinge bearing (71).

**[0030]** Figure 4 is a perspective view from the front of a hinge bearing (71) having an illuminating member (3). Figure 5 is a perspective view from the lower part of the hinge bearing (71). The hinge bearing (71) comprises a hinge holder (711) and a snap connector (713) integrated to the hinge holder (711). The hinge holder (711) is in a form of similar to a right trapezium having a rounded top part (717) and the snap connector (713) is in a form of similar to a rectangular prism. A mounting groove (712) is formed on the hinge holder (711). A bearing member (73) is fixed to the hinge bearing (71) by means of passing a bearing pin (731) of the bearing member (73) of the hinge (7) through the mounting groove (712). Latching tongues (714) are formed on wall portions (715) of the snap connector (713) in various types. Latching tongues (714) provides to fix the hinge bearing (71) to the top plate (14) by means of latching tongues (714) are passed through the plug-in opening (141). As it can be seen from the figure 4, there is a housing (716) formed on a top part (717) of the hinge bearing (71). The housing (716) is as extending towards inside of the hinge bearing (71) as an opening where the diffuser (31) of the illuminating member (3) can be disposed in a fit manner.

**[0031]** Bearing member (73) is mounted to the hinge bearing (71) by the bearing pin (731). The bearing mem-

ber (73) comprises a profile part (732) integrated to the bearing member (73) and disposed at a rear side of the bearing member (73), facing to the cover (19). The profile part (732) is formed like having a "U" cross-section and as extending along the bearing member (73). A cover housing (733) is formed on the profile part (732). The cover housing (733) has a U-shaped cross section. The cover (19) fits on the profile part (732) by means of one edge of the cover (19) is passed into the cover housing (733). Thus, the cover (19) is mounted to the hinge (7) detachably. The cover (19) is mounted to the body (11) by attaching the one edge of the cover (19) by two hinges (7). The cover (19) is mounted and fixed to the profile part (732) of the bearing member (73). The cover (19) is detachable to the profile part (732) (figure-1, Figure-2 (Detail A)).

**[0032]** Figure 6 is a perspective view from the lateral side of the illuminating member (3). The illuminating member (3) comprises a diffuser (31) and a light source (33). In an embodiment of the invention, the illuminating member (3) is LED and the light source (33) has LED, LED PCB card and a socket (35) wherein the LED and the LED PCB card is disposed. And also the PCB card with an Aluminum block cooler is used as a cooling member for the LED. The electrical transmission is provided through the hinge bearing (71) by electrical transmission means. The electrical transmission means comprises at least one electrical terminal connected to the light source (33) particularly to the socket (34).

**[0033]** In an embodiment of the invention, electrical transmission means is a cable. The snap connector (713) of the hinge bearing (71) is hollow. Thus, the light source (33) and the socket (35) and cable terminals are disposed in an inner part (718) of the hinge bearing (71) (not shown in the figures). By the way the inner part (718) can be seen from the figure-5. There is enough space to dispose the light source (33) and to pass through the cables inside the hinge bearing (71) for connecting the light source (33).

**[0034]** In an unclaimed alternative, the illuminating member (3) may be a power LED or a halogen lamp or another kind of lamps.

**[0035]** Figure 7 is a perspective view from the lateral side of the diffuser (31) of the illuminating member (3). The diffuser (31) is designed as an angled diffuser. The shape of the angled diffuser (31) is like a semi circular and has sectional cuts at both sides corresponding to each other. The semi circular form of the diffuser (31) is formed and extending nearly or exactly with 180° angle. The diffuser (31) provides to diffuse the light beams along 180° angle of the diffuser (31). Light beams are being diffused at many directions along the 180° angle. The diffuser (31) diffuses the light homogenously and secures the light source (33). The diffuser (31) has high temperature endurance. The high temperatures can be operating temperatures for the burners (15) of the hob (13). There is a distance between the burners (15) and the hinges (7). But during the cooking period of time, the

hinges (7) and also the diffuser (31) can overheat. For this reason the diffuser (31) is manufactured from a kind of material having high temperature endurance. The diffuser (31) can be manufactured from an opal glass or an opaque plastic. And also, a prismatic member can be used in the diffuser (31) for controlling or focusing to the light beams.

**[0036]** Figure 8 is a perspective view from the lateral side of the light source (33) of the illuminating member (3). The socket (35) of the light source (33) comprises at least one mounting opening (34). The diffuser (31) has at least one mounting tab (32). The mounting tab (32) of the diffuser (31) is passed through the mounting opening (34) for fixing the light source (33) to the diffuser (31). Light can be arranged or chosen at desired light intensity and the angle of the light source (33) can be provided at desired angle before fixing the light source (33). The illuminating member (3) particularly the diffuser (31) is mounted to the housing (716) of the bearing member (73). There is a sealing between the housing (716) and boundaries of the diffuser (31) where the diffuser (31) contacts to the housing (716). Sealing prevents water or other fluid leakages towards inside the bearing member (73) from the housing (716).

**[0037]** And also the similar sealing is provided between the hinge bearing (71) and the plug-in opening (141) of the top plate (14). Thus, sealing prevents water or other fluid leakages towards inside the top plate (14) from the plug-in opening (141).

**[0038]** In a detailed description of an embodiment of the invention the subject matter cooking device (1) operates as explained below. The cooking device (1) comprises hinge bearings (71) with the illuminating members (3). The hinge bearings (71) provide to fix the bearing members (73) of the hinges (7) and also the cover (19) onto the top plate (14) pivotally. The cover (19) is movable pivotally between a horizontal position covering an upper side of the top plate (14) and an upright position in which the top plate (14) is exposed. The horizontal position of the cover (19) can be called a closed position and the upright position of the cover (19) can be called an open position. The illuminating members (3) on the hinge bearings (71) illuminate the cover (19) and also the top plate (14) and provide an esthetical view for the cooking device (1). The diffuser (31) of the illuminating member (3) provides to diffuse the light beams along 180° angle of the diffuser (31). Light beams are being diffused at many directions along the 180° angle. Activation of the illuminating member (3) can be realized by a switching member (21) and the switching member (21) is set on the control panel (17).

**[0039]** In an opened position of the cover (19) on the top plate (14), an angle between the cover (19) and the top plate (14) is 90° or approximately 100°.

**[0040]** In an unclaimed alternative, in a closed position of the cover (19) in which position of the cover (19) is closed down onto the top plate (14), a switch for the illuminating member (3) can be switched off automatically

by the movement of the cover (19). However in an unclaimed alternative, the switch can be arranged as switching on and providing electrical current transmission when the cover (19) is in a closed position on the top plate (14) automatically by the movement of the cover (19).

**[0041]** In an unclaimed alternative, the form of the diffuser (31) can be changed and light diffusing angles of the diffuser (31) can be varying.

**[0042]** In an unclaimed alternative of the present invention, the top plate (14) of the hob (13) can be formed and mentioned as the body (11) of the cooking device (1) where the cover (19) is hinged by hinges (7).

**[0043]** An electronic card (22) can be disposed in the body (11) of the cooking device (1) for controlling the illuminating member (3). The electronic card (22) controls an electric circuit for the illuminating member (3).

#### Reference Numbers

##### [0044]

- 1. Cooking device
- 11. Body
- 12. Cooking chamber
- 13. Hob
- 14. Top plate
- 141. Plug-in opening
- 15. Burner
- 16. Pan-support
- 17. Control panel
- 18. Button
- 19. Cover

- 21. Switching member
- 22. Electronic card
- 23. Upper profile

- 3. Illuminating member
- 31. Diffuser
- 32. Mounting tab
- 33. Light source
- 34. Mounting opening
- 35. Socket

- 7. Hinge
- 71. Hinge bearing
- 711. Hinge holder
- 712. Mounting groove
- 713. Snap connector
- 714. Latching tongue
- 715. Wall portion
- 716. Housing
- 717. Top part
- 718. Inner part
- 73. Bearing member
- 731. Bearing pin
- 732. Profile part

733. Cover housing

#### Claims

- 5 1. A cooking device (1) comprising a hob (13) having a top plate (14); a cover (19) hinged to the top plate (14) and movable between a closed position and an open position and a hinge (7) pivoting the cover (19) onto the top plate (14) **characterized in that**; a hinge bearing (71) of the hinge (7) has at least one illuminating member (3) for providing illumination of the cover (19) or the top plate (14) of the cooking device.
- 10 2. The cooking device (1) according to claim 1, wherein the illuminating member (3) comprises a diffuser (31) and a light source (33) positioned under the diffuser (31).
- 15 3. The cooking device (1) according to claim 2, wherein the light source (33) comprises at least one mounting opening (34).
- 20 4. The cooking device (1) according to claim 3, wherein the diffuser (31) comprises at least one mounting tab (32) formed as corresponding to the mounting opening (34).
- 25 5. The cooking device (1) according to claim 2 or 4, wherein the diffuser (31) is in a form like a semi circle.
- 30 6. The cooking device (1) according to anyone of the preceding claims, wherein the diffuser (31) is formed as being angled.
- 35 7. The cooking device (1) according to claim 6, wherein the angle of the diffuser (31) is arranged as diffusing the light from the light source (33) to many directions towards to the top plate (14) and the cover (19).
- 40 8. The cooking device (1) according to anyone of the preceding claims, wherein the hinge bearing (71) comprises a housing (716) for disposing the illuminating member (3).
- 45 9. The cooking device (1) according to claim 2 and 8, wherein the diffuser (31) is disposed as embedded in the housing (716) of the hinge bearing (71).
- 50 10. The cooking device (1) according to claim 8 or 9, wherein the housing (716) is formed at a top part (717) of the hinge bearing (71).
- 55 11. The cooking device (1) according to anyone of the preceding claims, wherein the cooking device (1) comprises at least one electrical transmission means connected to the illuminating member (3) for transmitting electrical energy to the illuminating

member (3).

12. The cooking device (1) according to claim 11, wherein the electrical transmission means comprises at least one electrical terminal connected to the light source (33).
13. The cooking device (1) according to claim 12, wherein the electrical terminal is disposed at an inner part (718) of the hinge bearing (71).
14. The cooking device (1) according to anyone of the claim 11-13, wherein the electrical transmission means is a cable.
15. The cooking device (1) according to anyone of the claim 8-14, wherein the cooking device (1) comprises a sealing between the housing (716) and boundaries of the diffuser (31) where the diffuser (31) contacts to the housing (716).

#### Patentansprüche

1. Kochgerät (1), das ein Kochfeld (13) mit einer oberen Platte (14), einem an der oberen Platte (14) angelenkten und zwischen einer geschlossenen und einer offenen Position beweglichen Deckel (19) und ein Scharnier (7) umfasst, an dem sich der Deckel (19) auf die obere Platte (14) schwenken lässt, **dadurch gekennzeichnet, dass** ein Scharnierlager (71) des Scharniers (7) mindestens ein Beleuchtungselement (3) zum Beleuchten des Deckels (19) oder der oberen Platte (14) des Kochgeräts aufweist.
2. Kochgerät (1) nach Anspruch 1, wobei das Beleuchtungselement (3) einen Diffusor (31) und eine unter dem Diffusor (31) positionierte Lichtquelle (33) umfasst.
3. Kochgerät (1) nach Anspruch 2, wobei die Lichtquelle (33) mindestens eine Befestigungsöffnung (34) umfasst.
4. Kochgerät (1) nach Anspruch 3, wobei der Diffusor (31) mindestens einen Befestigungsdorn (32) umfasst, der der Befestigungsöffnung (34) entsprechend geformt ist.
5. Kochgerät (1) nach Anspruch 2 oder 4, wobei der Diffusor (31) eine Form wie ein Halbkreis aufweist.
6. Kochgerät (1) nach einem der vorhergehenden Ansprüche, wobei der Diffusor (31) abgewinkelt ausgebildet ist.
7. Kochgerät (1) nach Anspruch 6, wobei der Winkel des Diffusors (31) so angeordnet ist, dass er das

Licht aus der Lichtquelle (33) in viele Richtungen zur oberen Platte (14) und zum Deckel (19) hin streut.

8. Kochgerät (1) nach einem der vorhergehenden Ansprüche, wobei das Scharnierlager (71) ein Gehäuse (716) zum Anordnen des Beleuchtungselements (3) umfasst.
9. Kochgerät (1) nach Anspruch 2 und 8, wobei der Diffusor (31) in das Gehäuse (716) des Scharnierlagers (71) integriert angeordnet ist.
10. Kochgerät (1) nach Anspruch 8 oder 9, wobei das Gehäuse (716) an einem oberen Teil (717) des Scharnierlagers (71) ausgebildet ist.
11. Kochgerät (1) nach einem der vorhergehenden Ansprüche, wobei das Kochgerät (1) mindestens ein mit dem Beleuchtungselement (3) verbundenes elektrisches Übertragungsmittel zum Übertragen von elektrischer Energie zu dem Beleuchtungselement (3) umfasst.
12. Kochgerät (1) nach Anspruch 11, wobei das elektrische Übertragungsmittel mindestens einen mit der Lichtquelle (33) verbundenen elektrischen Anschluss umfasst.
13. Kochgerät (1) nach Anspruch 12, wobei der elektrische Anschluss an einem Innenteil (718) des Scharnierlagers (71) angeordnet ist.
14. Kochgerät (1) nach einem der Ansprüche 11 bis 13, wobei es sich bei dem elektrischen Übertragungsmittel um ein Kabel handelt.
15. Kochgerät (1) nach einem der Ansprüche 8 bis 14, wobei das Kochgerät (1) eine Dichtung zwischen dem Gehäuse (716) und Rändern des Diffusors (31) umfasst, an denen der Diffusor (31) das Gehäuse (716) berührt.

#### Revendications

1. Appareil de cuisson (1) comprenant une table de cuisson (13) possédant une plaque supérieure (14) ; un couvercle (19) articulé sur la plaque supérieure (14) et déplaçable entre une position fermée et une position ouverte et une charnière (7) faisant pivoter le couvercle (19) sur la plaque supérieure (14), **caractérisé en ce qu'un** support de charnière (71) de la charnière (7) possède au moins un élément lumineux (3) afin d'illuminer le couvercle (19) ou la plaque supérieure (14) de l'appareil de cuisson.
2. Appareil de cuisson (1) selon la revendication 1, dans lequel l'élément lumineux (3) comprend un dif-

fuseur (31) et une source lumineuse (33) positionnée sous le diffuseur (31).

3. Appareil de cuisson (1) selon la revendication 2, dans lequel la source lumineuse (33) comprend au moins un orifice de montage (34). 5
4. Appareil de cuisson (1) selon la revendication 3, dans lequel le diffuseur (31) comprend au moins un ergot de montage (32) formé de manière à correspondre à l'orifice de montage (34). 10
5. Appareil de cuisson (1) selon la revendication 2 ou 4, dans lequel le diffuseur (31) présente une forme comparable à celle d'un demi-cercle. 15
6. Appareil de cuisson (1) selon l'une quelconque des revendications précédentes, dans lequel le diffuseur (31) est formé de manière à décrire un angle. 20
7. Appareil de cuisson (1) selon la revendication 6, dans lequel l'angle du diffuseur (31) est disposé de manière à diffuser la lumière de la source lumineuse (33) en de nombreuses directions vers la plaque supérieure (14) et le couvercle (19). 25
8. Appareil de cuisson (1) selon l'une quelconque des revendications précédentes, dans lequel le support de charnière (71) comprend un logement (716) afin d'y disposer l'élément lumineux (3). 30
9. Appareil de cuisson (1) selon la revendication 2 et 8, dans lequel le diffuseur (31) est disposé de manière à être inséré dans le logement (716) du support de charnière (71). 35
10. Appareil de cuisson (1) selon la revendication 8 ou 9, dans lequel le logement (716) est formé sur une partie supérieure (717) du support de charnière (71). 40
11. Appareil de cuisson (1) selon l'une quelconque des revendications précédentes, dans lequel l'appareil de cuisson (1) comprend au moins un moyen de transmission électrique connecté à l'élément lumineux (3) pour transmettre de l'énergie électrique à l'élément lumineux (3). 45
12. Appareil de cuisson (1) selon la revendication 11, dans lequel le moyen de transmission électrique comprend au moins une borne électrique connectée à la source lumineuse (33). 50
13. Appareil de cuisson (1) selon la revendication 12, dans lequel la borne électrique est disposée sur une partie intérieure (718) du support de charnière (71). 55
14. Appareil de cuisson (1) selon l'une quelconque des revendications 11 à 13, dans lequel le moyen de

transmission électrique est un câble.

15. Appareil de cuisson (1) selon l'une quelconque des revendications 8 à 14, dans lequel l'appareil de cuisson (1) comprend un joint d'étanchéité entre le logement (716) et les limites du diffuseur (31), où le diffuseur (31) touche le logement (716).

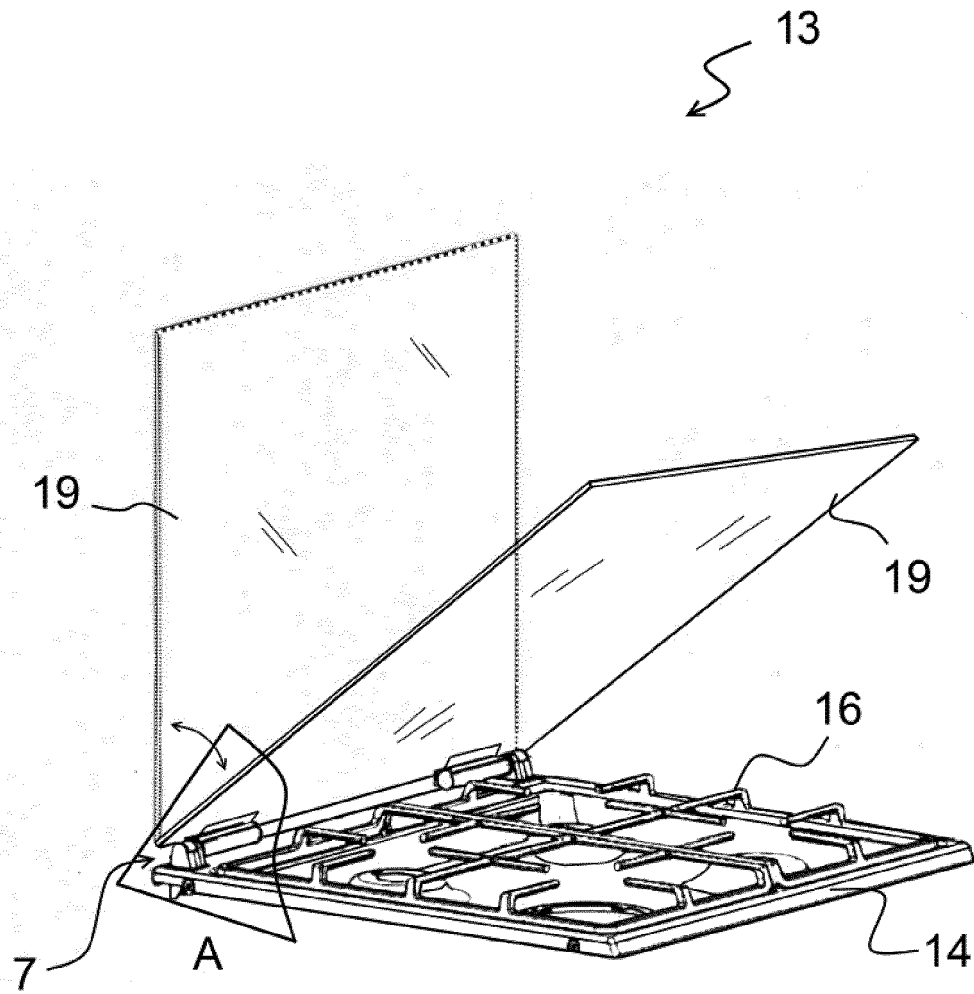


Figure-1

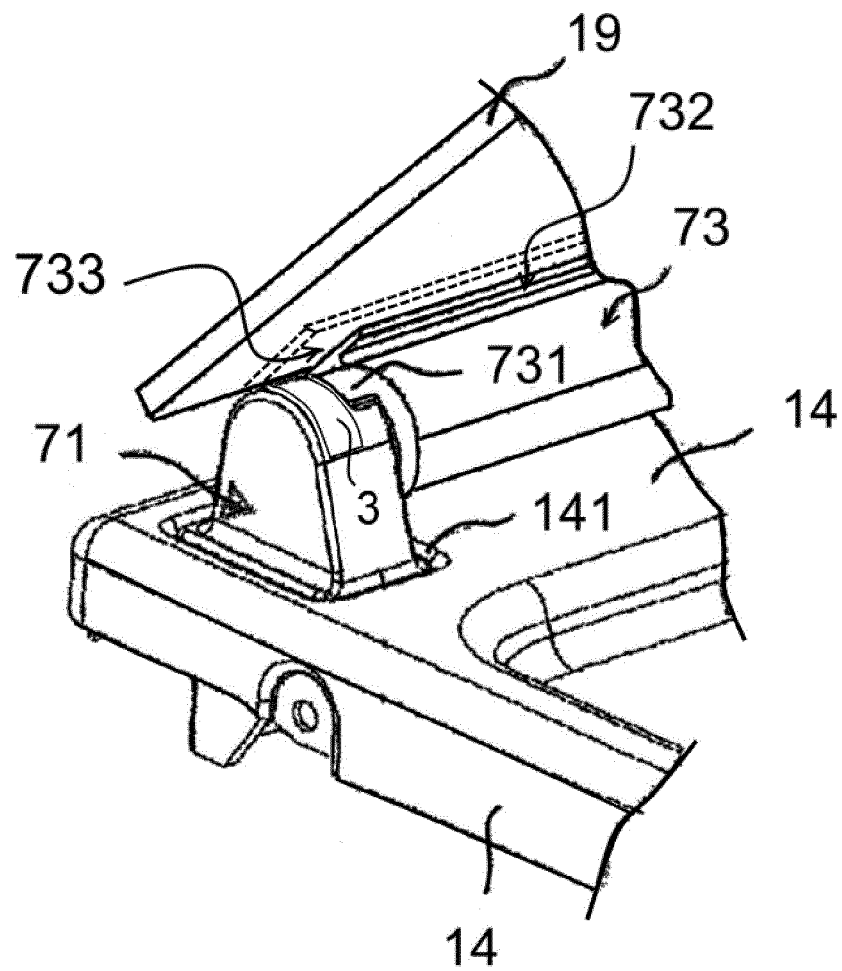


Figure-2  
(Detail A)

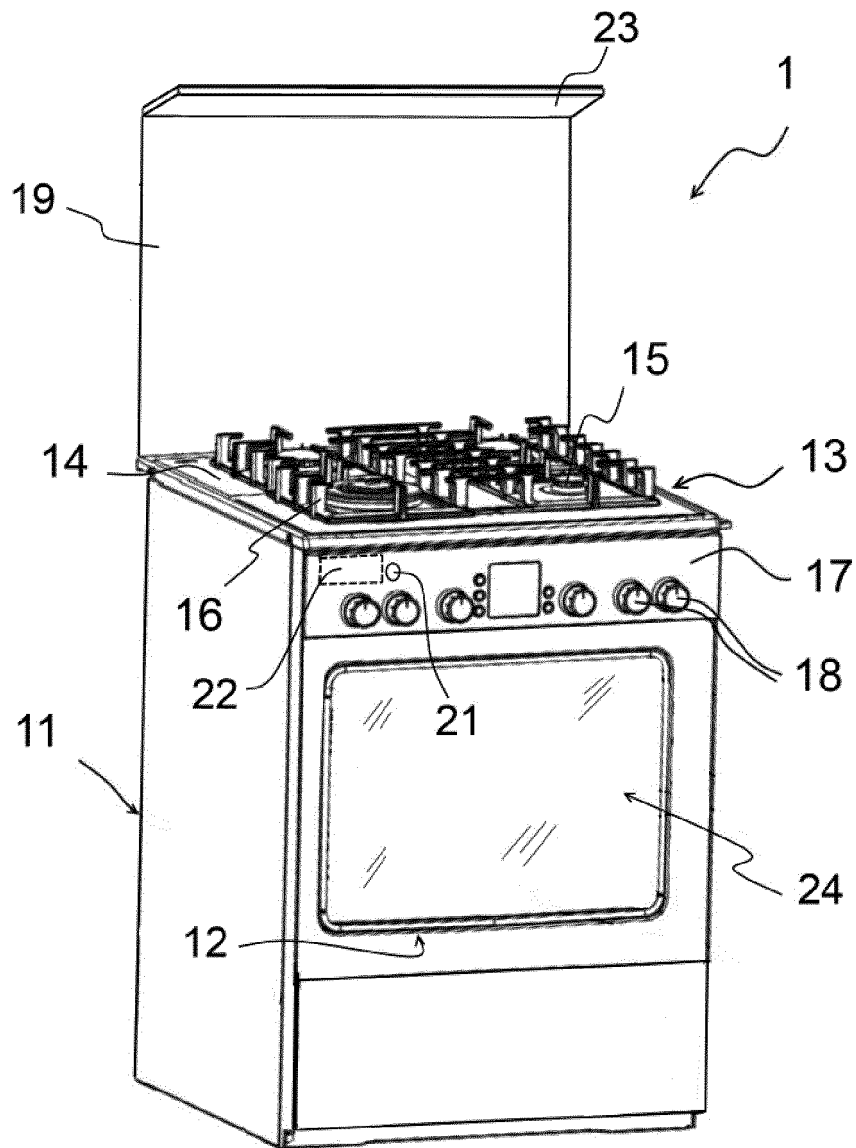


Figure-3

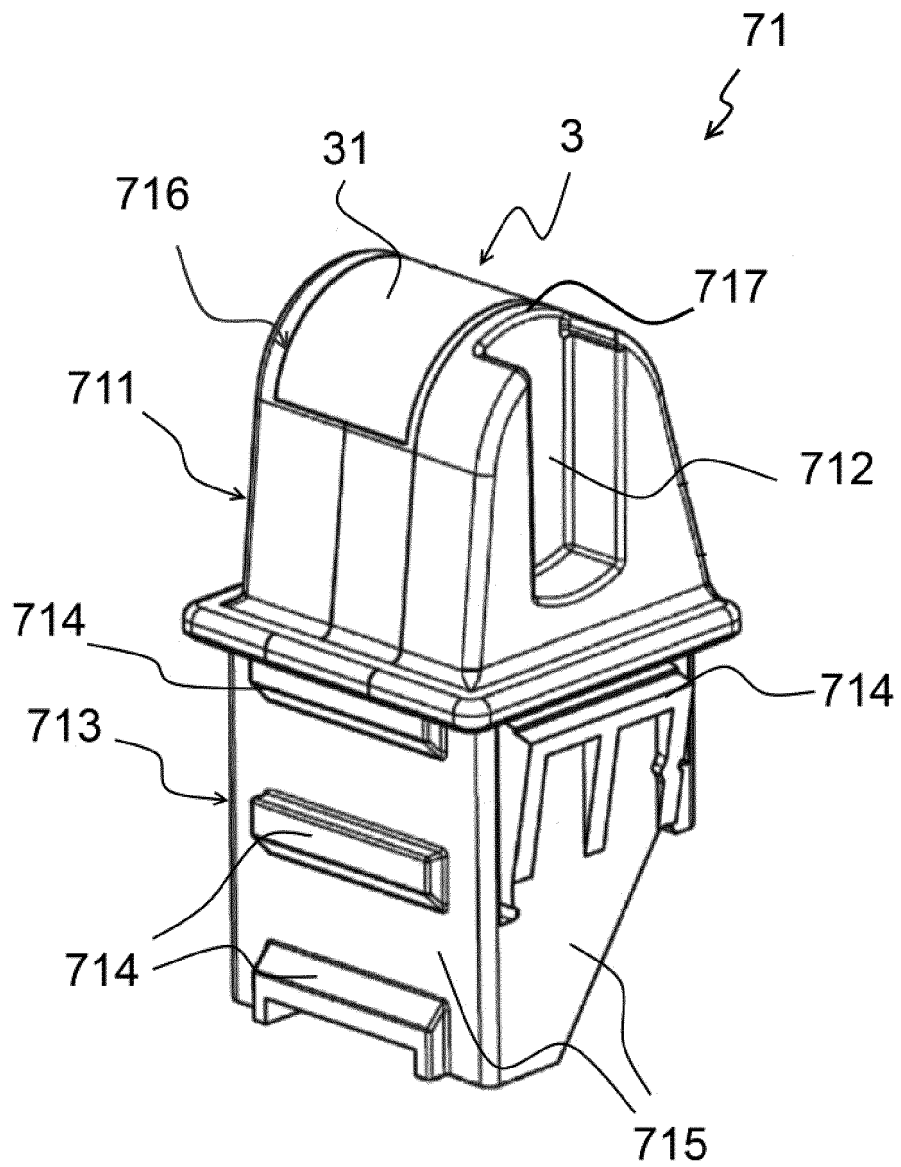


Figure-4

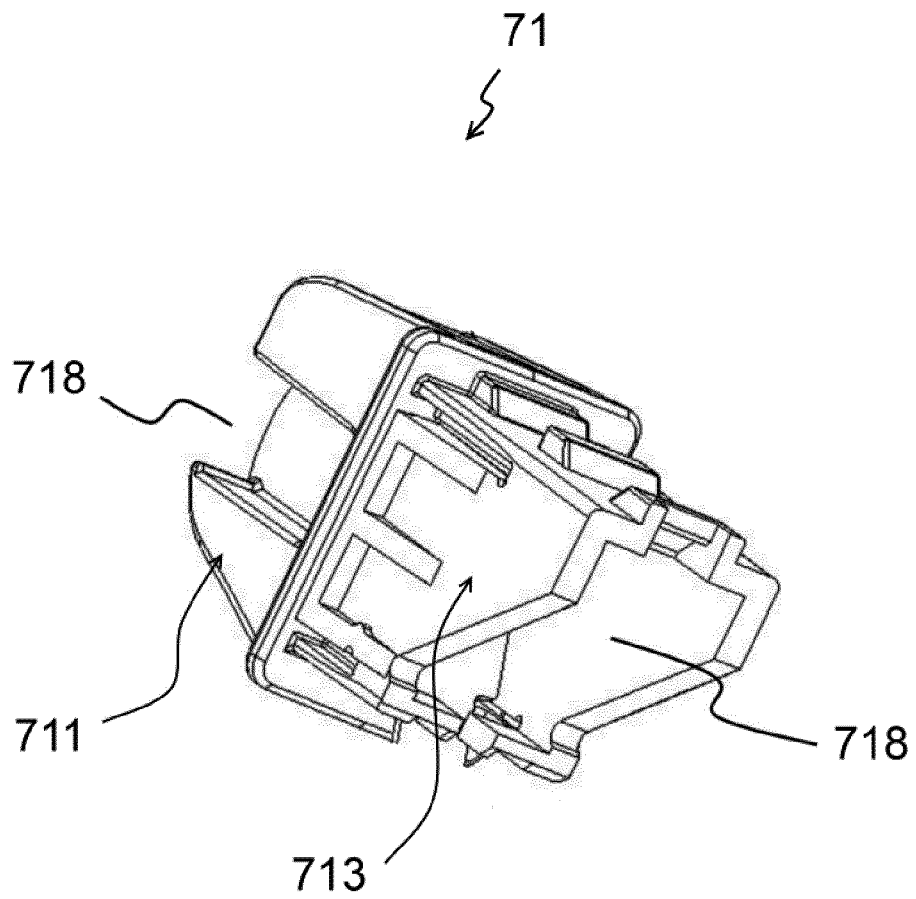


Figure-5

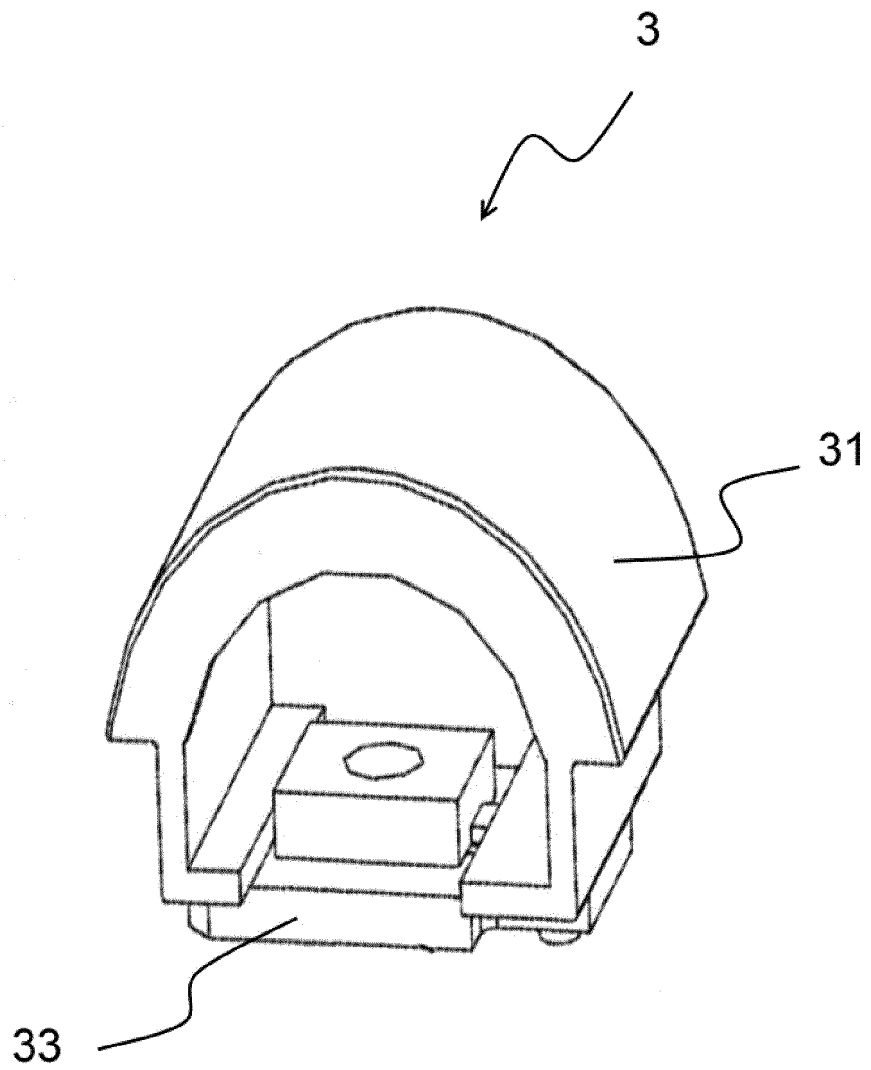
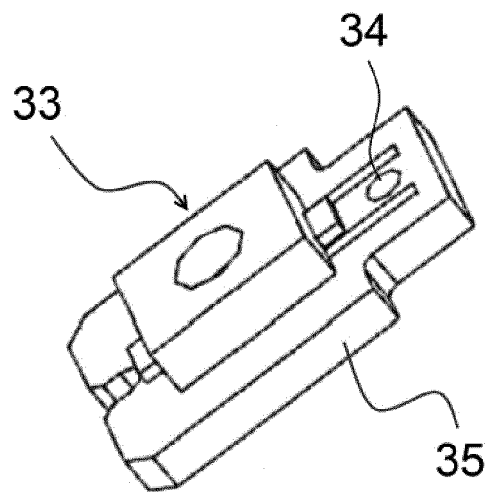
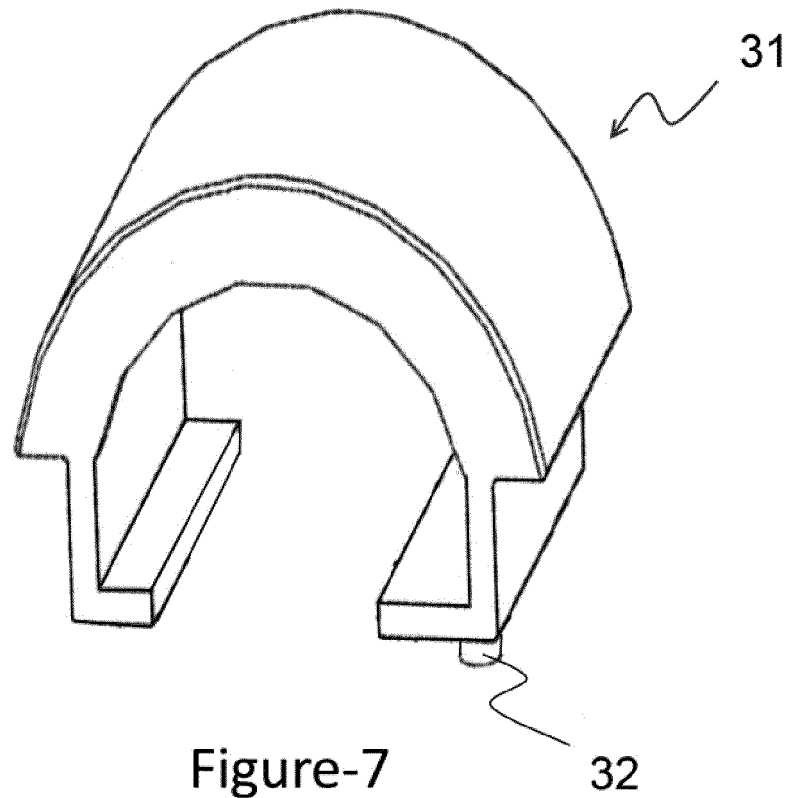


Figure-6



**REFERENCES CITED IN THE DESCRIPTION**

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