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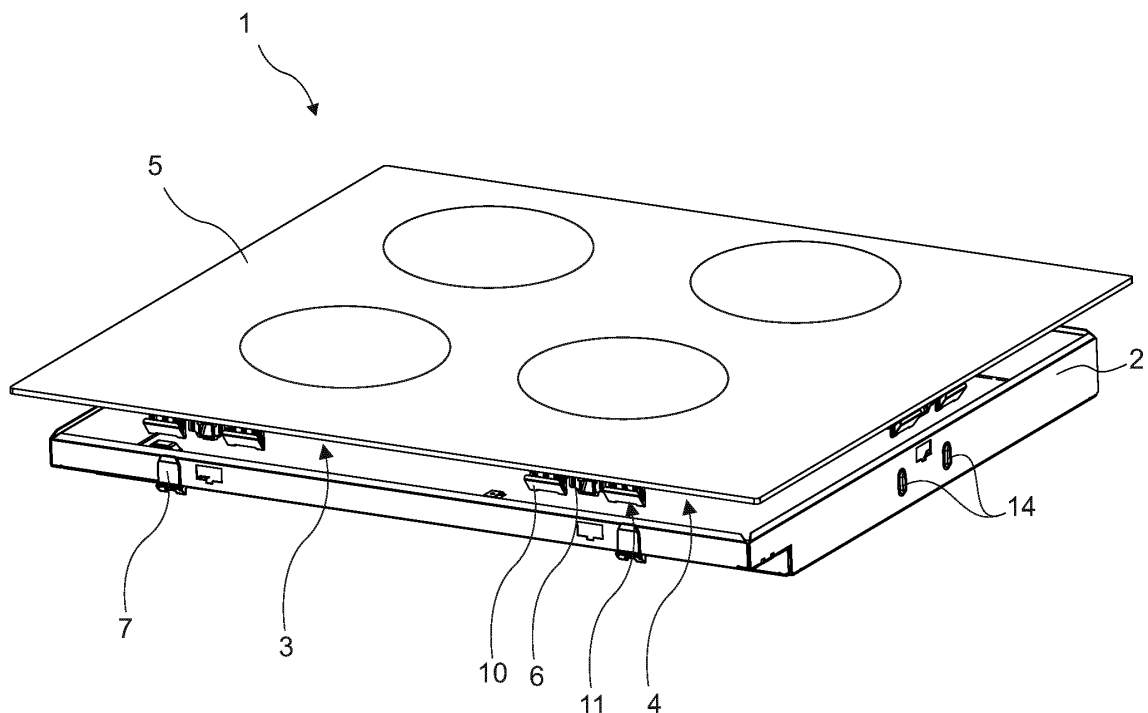
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(54) **A COOKING DEVICE COMPRISING A MOUNTING BRACKET**

(57) The present invention relates to a cooking device (1) comprising a body (2); a plurality of heating members (3) which are provided on the body (2); a control panel (4) which is provided on the body (2); a cooking surface (5) which is mounted so as to completely cover

the heating members (3) and the control panel (4); and at least one connection member (6) which is disposed between the cooking surface (5) and the body (2), which is fixed to the bottom of the cooking surface (5) and which extends towards the body (2).

Figure 1



## Description

**[0001]** The present invention relates to a cooking device comprising a mounting bracket.

**[0002]** There are various cookers known to be used today. Although these are primarily gas cookers, recently the use of electric and induction cookers is also preferred due to their stylish appearance. In electric and induction cookers, heating takes place on the glass top panel. The body part, where the heater and other components are located, is placed under the countertop and only the glass panel part is visible over the countertop. By means of the heating members, the glass panel, which is the cooking surface, is heated and the cooking process is performed. The control panels of cookers having glass panels are usually positioned under the glass, and touch control is provided via the glass. Therefore, it is critical to place and fix the glass on the body. While the body of the cooker is placed in the relevant space on the countertop, one side is fixed and force is applied to the other side so that the cooker can sit on the countertop. While the cooker is being placed on the countertop, the sides of the body are often deformed. As a result of deformation, the body cannot be fixed on the countertop as desired. Moreover, as a result of the applied force, problems such as sliding of the glass panel on the body and screen printing misalignment occur.

**[0003]** In the state of the art European Patent Document No. EP2144009, a connection member is disclosed, which enables the cooker comprising a glass panel to be fixed on the countertop.

**[0004]** The aim of the present invention is the realization of a cooking device which provides ease of mounting.

**[0005]** The cooking device realized in order to attain the aim of the present invention, explicated in the first claims and the respective claims thereof, comprises a body; at least one heating member which is provided on the body and which performs the heating process; a control panel which is provided on the body; a cooking surface which is arranged so as to cover the heating member and the control panel; and a connection member which is fixed to the bottom of the cooking surface and which extends from under the cooking surface towards the body.

**[0006]** The cooking device of the present invention comprises a mounting bracket which extends from under the body towards the connection member so as to enable the connection member to be fixed on the body. By fixing the connection member on the body, the cooking surface, which is connected to the connection member, is also fixed on the body. Thus, the cooking surface remains fixed on the body and the mounting on the countertop is performed.

**[0007]** In an embodiment of the present invention, the cooking device comprises the mounting bracket having a vertical section which is parallel to the side wall of the body when the mounting bracket is attached onto the body and a horizontal section which extends towards un-

der the body when the mounting bracket is attached onto the body. Thus, the mounting bracket is enabled to be fixed on the body.

**[0008]** In an embodiment of the present invention, the cooking device comprises the mounting bracket having a compression member which is provided on the connection member, an opening which is arranged on the compression member and a claw which passes through the opening. The compression member is compressed between the body and the countertop so as to enable the body and the countertop to be fixed to each other. The claw is provided on the vertical section of the mounting bracket and passes through the opening so as to enable the connection member to be fixed on the body.

**[0009]** In an embodiment of the present invention, the cooking device comprises the mounting bracket having at least one protrusion extending from the base of the body in the vertical plane. By means of the protrusion which is positioned to be on the vertical section of the mounting bracket and configured to be longer than the base of the body, the sides of the body are prevented from being deformed while the body is being placed onto the countertop.

**[0010]** In an embodiment of the present invention, the cooking device comprises the protrusion with a inclined form. By means of the inclined form of the protrusion, the body can be easily placed onto the countertop.

**[0011]** By means of the present invention, a cooking device is realized, having a mounting bracket which facilitates the mounting of the body onto the countertop.

**[0012]** A cooking device realized in order to attain the aim of the present invention is illustrated in the attached figures, where:

Figure 1 - is the perspective view of the cooking surface and the body.

Figure 2 - is the sideways view of the cooking surface and the body.

Figure 3 - is the perspective view of the mounting bracket.

Figure 4 - is the sideways view of the mounting bracket.

**[0013]** The elements illustrated in the figures are numbered as follows:

- 1- Cooking device
- 2- Body
- 3- Heating member
- 4- Control panel
- 5- Cooking surface

- 6- Connection member
- 7- Mounting bracket
- 8- Vertical section
- 9- Horizontal section
- 10- Compression member
- 11- Opening
- 12- Claw
- 13- Protrusion
- 14- Guide
- T- Kitchen countertop

**[0014]** The cooking device (1) comprises a body (2); a plurality of heating members (3) which are provided on the body (2); a control panel (4) which is provided on the body (2); a cooking surface (5) which is mounted so as to completely cover the heating members (3) and the control panel (4); and at least one connection member (6) which is disposed between the cooking surface (5) and the body (2), which is fixed to the bottom of the cooking surface (5) and which extends towards the body (2). The cooking surface (5) is manufactured from glass. The heating members (3) and the control panel (4) are positioned under the cooking surface (5). The control panel (4) is visible to the user via the cooking surface (5) and can be touch controlled. Therefore, it is important for the user that the control panel (4) is visible at the correct section of the cooking surface (5). The connection member (6) extends from under the cooking surface (5) towards the body (2). Thus, the cooking surface (5) is enabled to be attached to the body (2).

**[0015]** The cooking device (1) of the present invention comprises a mounting bracket (7) which extends from under the body (2) towards the connection member (6) so as to enable the connection member (6) to be fixed on the body (2). By means of the mounting bracket (7) extending from under the body (2) towards the connection member (6), the cooking surface (5) attached onto the body (2) is prevented from sliding on the body (2). Thus, the control panel (4) is enabled to be correctly fixed to the area on the cooking surface (5) dedicated to the control panel (4). The control panel (4) is enabled to be correctly controlled via the cooking surface (5) and any serigraphy misalignments are prevented. Moreover, by means of the mounting bracket (7), the body (2) is enabled to be easily mounted onto the countertop (T).

**[0016]** In an embodiment of the present invention, the cooking device (1) comprises the mounting bracket (7) having a vertical section (8) which is parallel to the side wall of the body (2) when the mounting bracket (7) is

attached onto the body (2) and a horizontal section (9) which extends towards under the body (2) when the mounting bracket (7) is attached onto the body (2). The mounting bracket (7) is composed of two parts: the horizontal section (9) and the vertical section (8). The vertical section (8) extends from the side wall of the body (2) towards the connection member (6). The horizontal section (9) extends towards under the body (2) and completely grasps the body (2). Thus, the body (2) and the cooking surface (5) are enabled to be completely fixed.

**[0017]** In an embodiment of the present invention, the cooking device (1) comprises the mounting bracket (7) having at least one compression member (10) which is provided on the connection member (6) and which is compressed between the countertop (T) and the body (2) when the body (2) is placed onto the countertop (T) so as to enable the body (2) to be fixed, at least one opening (11) which is arranged on the compression member (10) and at least one claw (12) which is provided on the vertical section (8) and which passes through the opening (11) so as to prevent the connection member (6) from moving on the body (2). By means of the compression member (10) provided on the connection member (6), the body (2) is fixed so as not to move on the countertop (T). The compression member (10) is in the form of a spring. The opening (11) is arranged on the compression member (10). By means of the claw (12) passing through the opening (11), the connection member (6) is enabled to be fixed on the body (2). Thus, the cooking surface (5) is fixed so as not slide on the body (2).

**[0018]** In an embodiment of the present invention, the cooking device (1) comprises the mounting bracket (7) having at least one protrusion (13) which extends from the base of the body (2) towards the countertop (T) while the body (2) is being placed onto the countertop (T) and which enables the body (2) to be placed onto the countertop (T). The protrusion (13) extends from the vertical section (8) of the mounting bracket (7) in the vertical plane towards the body (2) and forms a protrusion (13) under the body (2). While the body (2) is being mounted onto the countertop (T), the side of the countertop (T) contacts the protrusion (13). Thus, the mounting process is performed without deforming the sides of the body (2). Moreover, the body (2) is enabled to be aligned.

**[0019]** In an embodiment of the present invention, the cooking device (1) comprises the mounting bracket (7) having the inclined protrusion (13) so as to facilitate the placement of the body (2) onto the countertop (T). By means of the inclined form of the protrusion (13), when the same contacts the countertop (T), the body (2) is enabled to slid to be placed onto the countertop (T).

**[0020]** In an embodiment of the present invention, the cooking device (1) comprises at least one guide (14) which is provided on the body (2) so as to align with the connection member (6) and which enables the body (2) to be correctly positioned on the countertop (T). By means of the guide (14), the body (2) is centered while being placed onto the countertop (T), providing ease of

mounting.

**[0021]** By means of the present invention, a cooking device (1) is realized, comprising the mounting bracket (7) which enables the cooking surface (5) to be fixed onto the body (2) and enables the body (2) be placed onto the countertop (T) more easily.. By means of the mounting bracket (7), the cooking surface (5) is fixed so as to prevent any serigraphy misalignments, and is mounted onto the countertop (T) without deforming the body (2).

**by** the mounting bracket (7) comprising the inclined protrusion (13) so as to enable the body (2) to slid over and be placed onto the countertop (T).

- 5    **6.** A cooking device (1) as in any one of the above claims, **characterized by** at least one guide (14) which is provided on the body (2) so as to align with the connection member (6) and which enables the body (2) to be correctly positioned on the countertop (T).  
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## Claims

1. A cooking device (1) **comprising** a body (2); a plurality of heating members (3) which are provided on the body (2); a control panel (4) which is provided on the body (2); a cooking surface (5) which is mounted so as to completely cover the heating members (3) and the control panel (4); and at least one connection member (6) which is disposed between the cooking surface (5) and the body (2), which is fixed to the bottom of the cooking surface (5) and which extends towards the body (2), **characterized by** a mounting bracket (7) which extends from under the body (2) towards the connection member (6) so as to enable the connection member (6) to be fixed on the body (2).  
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2. A cooking device as in Claim 1, **characterized by** the mounting bracket (7) having a vertical section (8) which is parallel to the side wall of the body (2) when the mounting bracket (7) is attached onto the body (2) and a horizontal section (9) which extends towards under the body (2) when the mounting bracket (7) is attached onto the body (2).  
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3. A cooking device (1) as in Claim 2, **characterized by** the mounting bracket (7) having at least one compression member (10) which is provided on the connection member (6) and which is compressed between the countertop (T) and the body (2) when the body (2) is placed onto the countertop (T) so as to enable the body (2) to be fixed, at least one opening (11) which is arranged on the compression member (10) and at least one claw (12) which is provided on the vertical section (8) and which passes through the opening (11) so as to prevent the connection member (6) from moving on the body (2).  
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4. A cooking device (1) as in Claim 1 or Claim 2, **characterized by** the mounting bracket (7) having at least one protrusion (13) which extends from the base of the body (2) towards the countertop (T) while the body (2) is being placed onto the countertop (T) and which enables the body (2) to be placed onto the countertop (T).  
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5. A cooking device (1) as in Claim 4, **characterized**

Figure 1

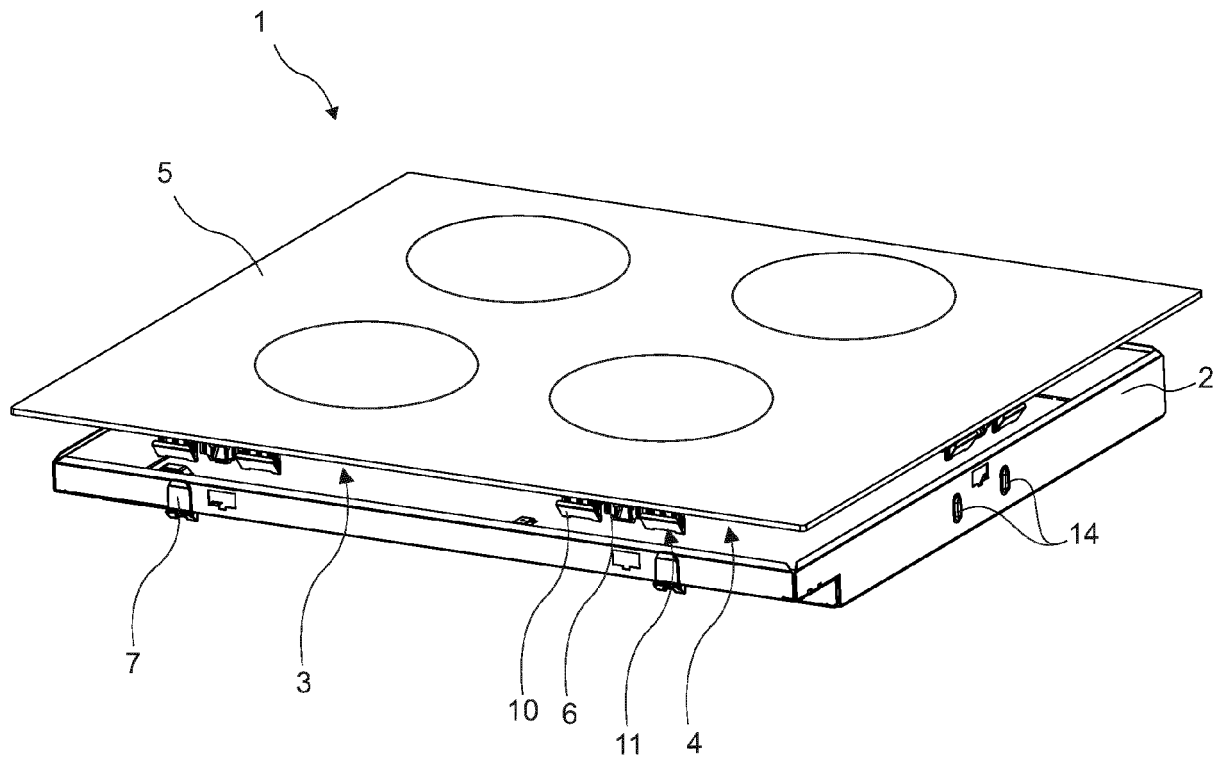


Figure 2

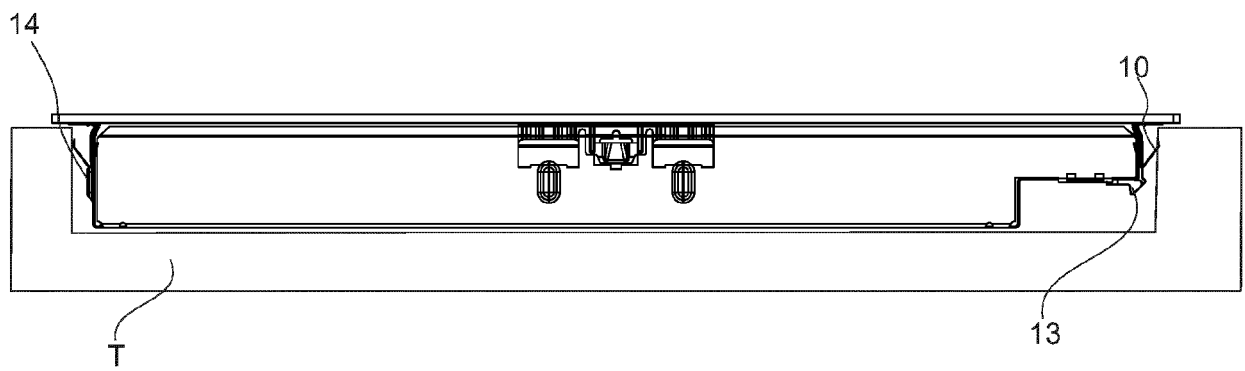


Figure 3

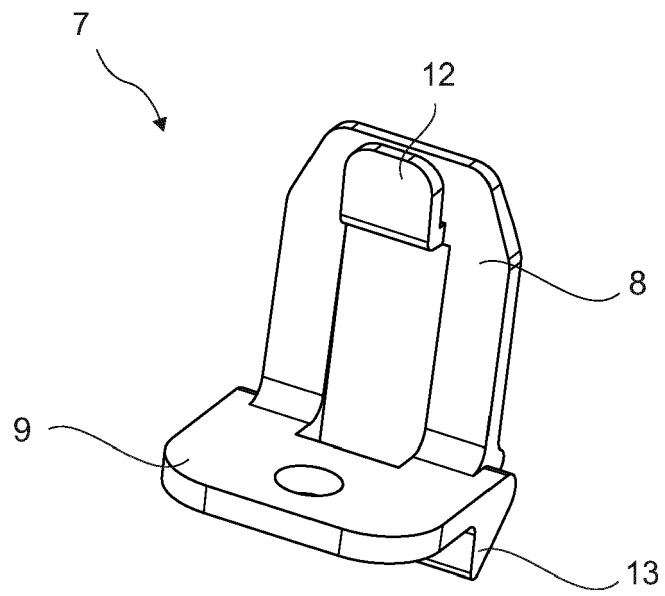
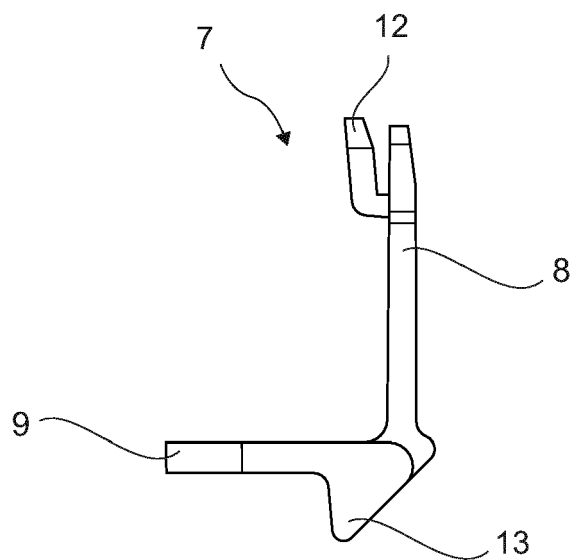


Figure 4





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