

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 84830322.8

51 Int. Cl.<sup>4</sup>: **F 24 C 15/36**

22 Date of filing: 29.11.84

43 Date of publication of application:  
11.06.86 Bulletin 86/24

84 Designated Contracting States:  
AT BE CH DE FR GB IT LI LU NL SE

71 Applicant: **Pavarin, Beniamino**  
**via Sette Casoni**  
**Rivarotta di Pasiano Pordenone(IT)**

72 Inventor: **Pavarin, Beniamino**  
**via Sette Casoni**  
**Rivarotta di Pasiano Pordenone(IT)**

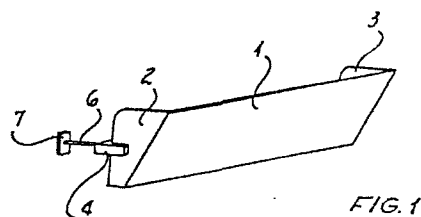
74 Representative: **Sassatelli, Franco**  
**INIP via Ruggi 5**  
**I-40137 Bologna(IT)**

54 **Fencing screen for children at the cooking plane and the kitchen cooking control.**

57 The screen can be fitted on the side walls of the control panel through distance threaded pins which allow the positioning regulation and disassembling.

Formed by a flat front shape (1) in slanting position, with inside space and side containment sectors (2, 3), the above screen acts as interposition and fencing structure to the approach of children and determinates a front cavity to reach from above for the knobs employ.

It can be manufactured in light type materials and can be particularly used for cooking foods put in battery.



- 1 -

Fencing screen for children at the cooking plane and the kitchen cooking control.

The invention refers to a screening device to mount on the control panel in kitchens to prevent from reaching the knobs and the cooking plane by children.

The means is particularly efficient in the cooking devices set in battery. It is well known that the cooking equipments are dangerous for children: these ones, in fact, though of low stature, can act on the knobs of the control board or reach the cooking plane, thus interfering with the home activities, with the possibility of giving rise to heavy damage to themselves and to others, for instance by upsetting a pot filled with boiling liquid or by allowing gas issue by turning the knobs.

The invented device, from the presupposition of the child's lower stature in comparison with the adult's, foresees the employ of a screening structure which can be reached exclusively by a person with an adult's stature. This enables the children to enter the kitchen room without any specific attending to them.

The invented device is substantially formed by a continuous wall screen  
ing shape in light material to fit on the control panel for the cooking  
equipment by means of distance threaded pins. For presetting, cavities  
are carried out in the wished position and then the screen is fitted  
25 by insertion and by screwing the distance pins into them. The flat front  
shape in slanting position forms an inside cavity contained in the lateral  
sectors; this front cavity, that can be reached by an adult with the  
hand from above, will allow the conventional use of the knobs.

30 By properly regulating the screen on the pin holding it, its position  
can be regulated according to the actual employ requirements.

As soon as the necessity of using the screen leaves away, it can be  
removed by unscrewing the distance pins and by closing the relevant  
35 bores with the special small plates equipped with insertion pins.

An execution form is illustrated in a merely indicative way by the  
drawings of Table 1, where Fig. 1 is the perspective view of the  
screen manufactured in anodized aluminium plate and on which one of the  
40 fixing elements can be observed as well as the wide front cavity which  
can be reached from above for acting on the knobs. Fig. 2 is the side  
view of a food cooking device with the screen fitted on it, the two  
line supports can be noticed which bind its adjustable position. Fig.  
3 is the front view of the cooking device without screen, and the  
45 four small plates can be noted which cover the relevant support bores  
for the screen. Fig. 4 is the view of one knob actioning on the control  
board; it will be noted that the wide front opening performed by the  
screen enables an easy movement. Fig. 5 is the view of the regulation  
system for the distance of the screen mounting, which permits either  
50 the return or the going out of the distance pivot from the control  
board.

The version employs the shape with the continuous form of plate and

flat front wall 1 with inward inclination and lateral symmetrical con-  
55 tainment sectors 2 and 3. The screen thus formed is fitted with four  
devices with initial body 4 and with regulation knob 5 for the out-  
going of the threaded pin 6 introduced through the bored plate 7 into  
the bore on the control board 8. The screen can be manufactured in  
plate and other light materials, such as metals, their alloys or other.  
60 The supporting and regulation means can be foreseen otherwise.

Claims.

1) Fencing screen for children at the cooking plane and the kitchen cooking control, characterized by the fact that it is substantially formed by a continuous wall screening shape in light material to fit on the control panel of the cooking equipment by means of distance threaded pins. For presetting, cavities are carried out in the wished position and then the screen is fitted by insertion and by screwing the distance pins into them. The flat front shape in slanting position forms an inside cavity contained in the lateral sectors; this front cavity, that can be reached by an adult with the hand from above, will allow the conventional use of the knobs.

2) Fencing screen for children at the cooking plane and the kitchen cooking control, as to the claim 1, characterized by the fact that by properly regulating the screen on the pin holding it, its position can be regulated according to the actual employ requirements.

3) Fencing screen for children at the cooking plane and the kitchen cooking control, as to the claim 1, characterized by the fact that as soon as the necessity of using the screen leaves away, it can be removed by unscrewing the distance pins and by closing the relevant bores with the special small plates equipped with insertion pins.

1/1

0183887

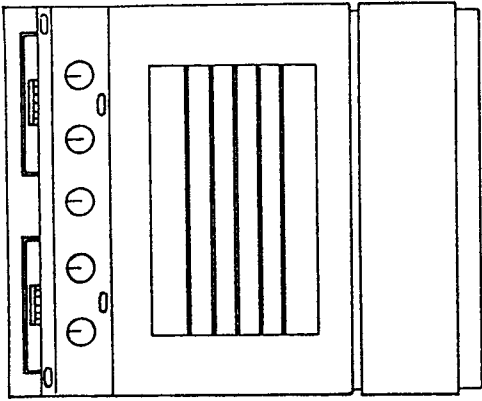


FIG. 3

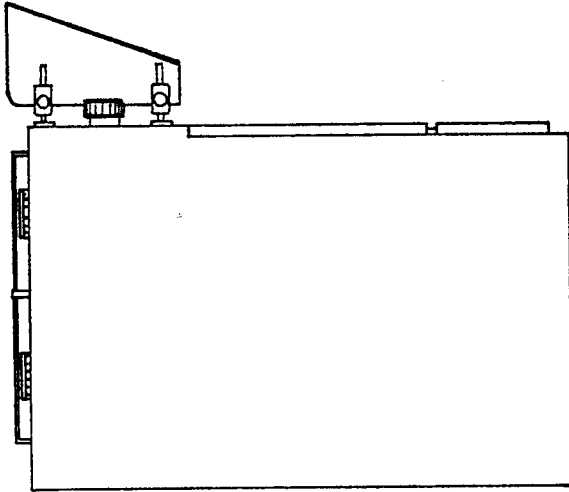


FIG. 2

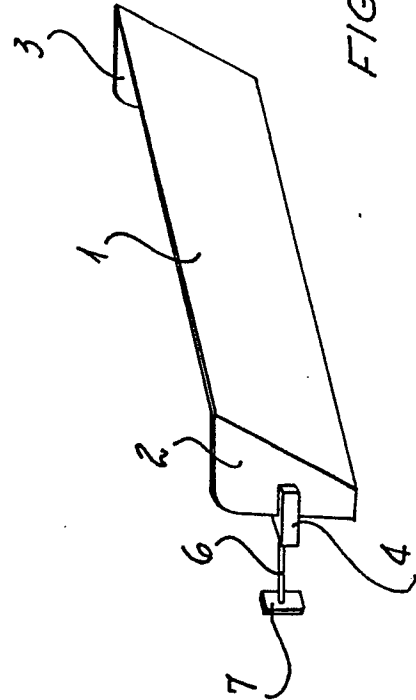


FIG. 1

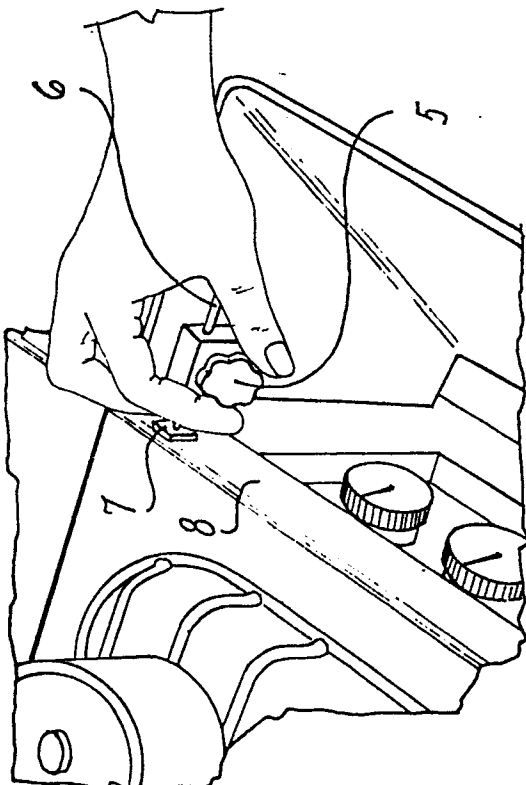


FIG. 5

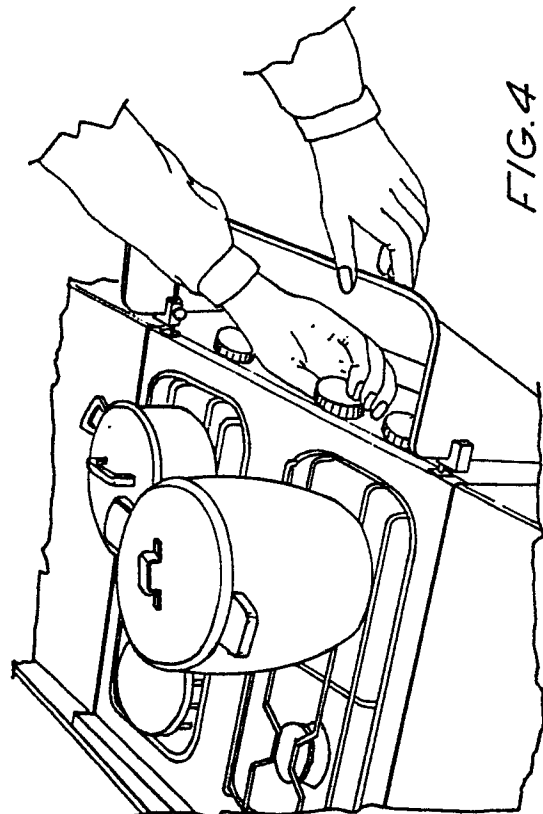


FIG. 4



European Patent  
Office

# EUROPEAN SEARCH REPORT

0183887

Application number

EP 84 83 0322

## DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	GB-A- 770 292 (MOORE) * Page 1, lines 42-85 *	1,3	F 24 C 15/36
Y	--- GB-A- 942 382 (WALES GAS BOARD) * Page 1, lines 50-82 *	1	
Y	--- DE-U-1 831 371 (SIEMENS-ELECTROGERÄTE AG) * Figure 1; reference number 1 *	1	
	-----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 24 C 15/00
Place of search BERLIN		Date of completion of the search 16-07-1985	Examiner PIEPER C

### CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone  
Y : particularly relevant if combined with another document of the same category  
A : technological background  
O : non-written disclosure  
P : intermediate document

T : theory or principle underlying the invention  
E : earlier patent document, but published on, or after the filing date  
D : document cited in the application  
L : document cited for other reasons  
& : member of the same patent family, corresponding document