



(11) **EP 2 068 085 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**20.10.2010 Bulletin 2010/42**

(51) Int Cl.:  
**F24C 7/08 (2006.01)**

(43) Date of publication A2:  
**10.06.2009 Bulletin 2009/24**

(21) Application number: **08468012.3**

(22) Date of filing: **01.12.2008**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT  
RO SE SI SK TR**  
Designated Extension States:  
**AL BA MK RS**

(72) Inventor: **Kreca, Marko**  
**3312 Prebold (SI)**

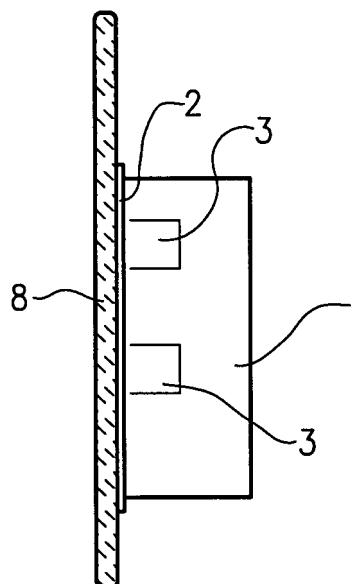
(74) Representative: **Ivancic, Bojan**  
**Inventio d.o.o.**  
**Dolenjska cesta 11**  
**P.O. Box 2410**  
**1001 Ljubljana (SI)**

(30) Priority: **04.12.2007 SI 200700314**

(71) Applicant: **Gorenje Gospodinjski aparati d.d.**  
**3503 Velenje (SI)**

(54) **Electronic control unit for household appliances, in particular for cooking ranges and ovens**

(57) The present invention refers to the field of household appliances, in particular cooking ranges and ovens and more particular to a touch manipulated electronic control unit for household appliances, in particular for cooking ranges and ovens comprising either a metal or a glass control panel. It is provided, according to the invention, that an electronic control unit (1) comprises a front cover plate (2), said plate (2) covers the electronic control unit (1) on the side which faces the user when said plate (2) is installed, said control unit (1) comprises a display (1') and sensor fields (3) arranged behind the plate (2) and incorporated into said control unit (1).



**Fig. 4**



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 46 8012

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 4 894 493 A (GENERAL ELECTRIC COMPANY) 16 January 1990 (1990-01-16)	1,2,4	INV. F24C7/08
A	* column 1, line 53 - column 4, line 4; figures 1-5 *	3	
X	US 3 983 553 A (GENERAL MOTORS CORPORATION) 28 September 1976 (1976-09-28)	1,2,4	
A	* column 8, line 36 - column 9, line 24; figures *	3	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			H05B F24C G08C
Place of search		Date of completion of the search	Examiner
Munich		23 August 2010	Rohr, Peter
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

2

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 46 8012

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-08-2010

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4894493	A	16-01-1990	CA	1313217 C	26-01-1993
-----					
US 3983553	A	28-09-1976	NONE		
-----					