

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 908 913 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
15.03.2000 Bulletin 2000/11

(51) Int Cl.7: **H01H 37/36**

(43) Date of publication A2:
14.04.1999 Bulletin 1999/15

(21) Application number: **98830249.3**

(22) Date of filing: **27.04.1998**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Pollina, Antonio**
20091 Bresso, Milano (IT)

(74) Representative: **Cicogna, Franco**
Ufficio Internazionale Brevetti
Dott.Prof. Franco Cicogna
Via Visconti di Modrone, 14/A
20122 Milano (IT)

(30) Priority: **09.10.1997 IT MI970720 U**

(71) Applicant: **PRODIGY ITALIANA S.r.l.**
20091 Bresso (Milano) (IT)

(54) **Thermostat for adjusting the temperature in electric appliances**

(57) The invention relates to a thermostat for adjusting the temperature in electric appliances, of the type comprising a temperature probe holding a liquid herein, the volume of said liquid changing depending on the temperature and a capillary element transmitting the volume variation to a membrane held inside a box-like body. The membrane transmits its volume variation to a non conductive material pad, through a metal lever, piv-

oted to a side of the box-like body, to which it is rigidly applied, so that the pad is caused to drive a metal blade from a first position, in which the blade provides an electrical connection between an input terminal and a first output terminal, and a second position, in which the blade provides an electrical connection between the input terminal and a second output terminal, in order to drive an alternative device.

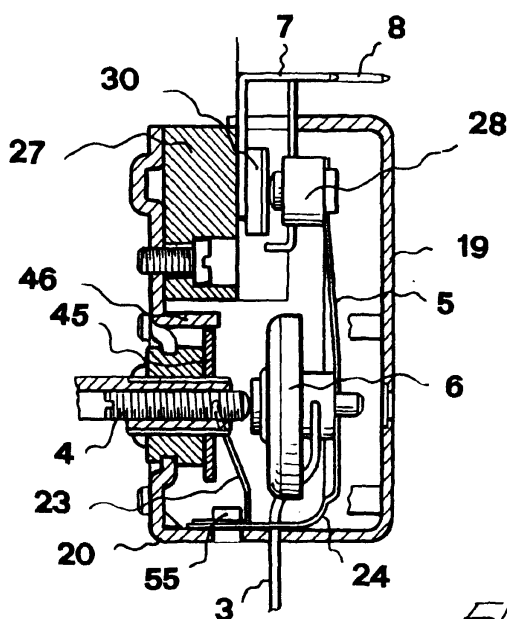


FIG. 3

EP 0 908 913 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 83 0249

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.6)
X	DE 27 24 527 A (EMERSON ELECTRIC GMBH) 14 December 1978 (1978-12-14) * page 9-11; figure 1 *	1-3, 7, 12	H01H37/36
X	DE 76 39 275 U (EMERSON) 24 March 1977 (1977-03-24) * page 4-7; figure 1 *	1-3, 7	
A	FR 1 288 506 A (THE BRITISH THERMOSTAT CY LTD) 8 August 1962 (1962-08-08) * the whole document *	12	
A	FR 1 532 638 A (SOPAC) 3 December 1968 (1968-12-03) * figures *	1-3, 7, 12	
		7, 10, 12, 14	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		25 January 2000	Janssens De Vroom, P
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			

EPO FORM 1503 03/82 (P04C01)

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

EP 98 83 0249

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.

25-01-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2724527	A	14-12-1978	NONE	
DE 7639275	U	24-03-1977	NONE	
FR 1288506	A	08-08-1962	GB 908189 A	
FR 1532638	A	03-12-1968	NONE	