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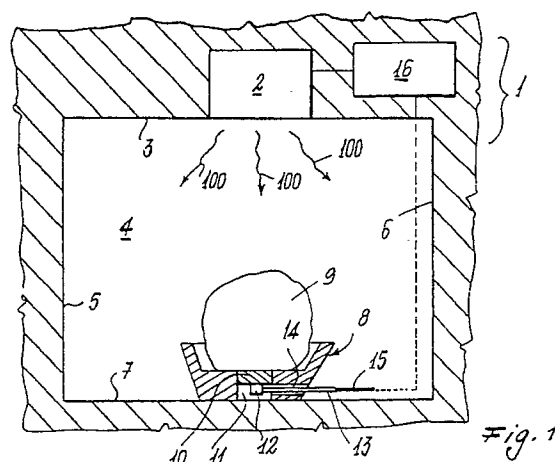
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(54) **Device for automatically controlling food preparation in a microwave oven.**

(57) A device for automatically controlling the preparation of a food (9) in a microwave oven, comprising at least one temperature sensor means (12) connected to a microprocessor (16) arranged to act on the microwave generator (2) so as to halt it or at least vary its power during operation, the device being characterised in that the sensor means (12) is disposed in heat conducting relationship with a metal element (10) which is constructed of a good temperature-conducting but microwave-impermeable material and is housed in a support (8) for, and in contact with, the food (9).



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EUROPEAN SEARCH REPORT

Application Number

EP 89 20 2345

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.5)
A	FR-A-2 362 340 (GENERAL ELECTRIC COMPANY) * page 5, line 31 - page 6, line 8; figures 1, 3 * - - -	1-3	H 05 B 6/68 H 05 B 6/80
A	US-A-4 125 752 (WEGENER) * column 1, line 56 - column 2, line 29; figures 1-3 * - - -	1,2,5	
A	FR-A-2 562 662 (VALEO) * page 5, line 9 - page 6, line 27; figures 1, 2 * - - -	1	
P,X	EP-A-0 313 141 (LABORATOIRES D'ELECTRONIQUE ET DE PHYSIQUE APPLIQUEE L.E.P.) * column 5, lines 12 - 32; figures 2a, 2b * - - -	1,2	
A	US-A-4 341 937 (STAATS) - - -		
A	EP-A-0 031 589 (MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.) - - -		
A	US-A-4 309 584 (TERAKAMI) - - -		
A	US-A-4 122 322 (OHKUBO ET AL.) - - -		
A	US-A-3 987 267 (MOORE) - - - - -		
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 28 June 91	Examiner RAUSCH R.G.
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			