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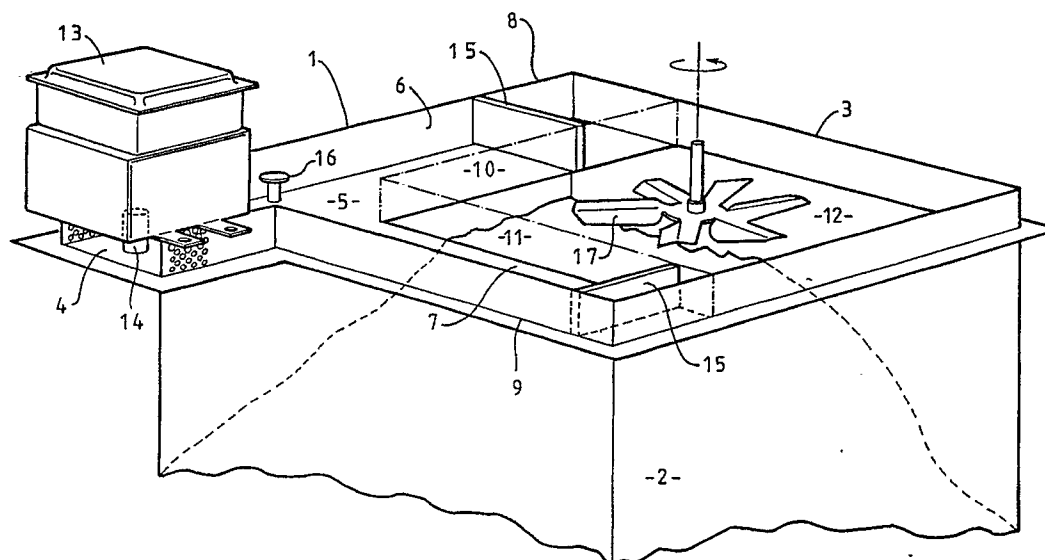
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(54) **Microwave ovens.**

(57) A microwave oven comprises a waveguide system (1) which constitutes the top surface of an oven cavity (2), the waveguide system (1) affording a pair of waveguides (6) and (7) which are disposed at right angles to one another and by means of which

microwave energy is launched into the oven cavity (2) from a magnetron assembly (13) which is located to one side of the oven cavity (2), thereby enabling a further cavity (not shown) to be located immediately over the oven cavity (2).



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EUROPEAN SEARCH REPORT

Application Number

EP 89 31 2176

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	EP-A-0 021 045 (LITTON SYSTEMES, INC.) * page 4, line 13 - page 5, line 34; figure 1 ** -- --	1-3,5,6,8	H 05 B 6/70
A	CH-A-5 546 28 (HUSQVARNA VAPENFABRIKS AK-TIEBOLAG) * column 3, line 35 - column 4, line 46; figures 2,3 ** -- --	1,2	
A	DE-A-3 024 178 (LICENTIA PATENT-VERWALTUNGS-GMBH) * page 5, line 6 - page 6, line 8; figures 1,2 ** -- --	1,6	
A	DE-A-2 151 655 (HUSQVARNA VAPENFABRIKS AK-TIEBOLAG) -- --		
A	US-A-3 949 184 (FREEDMAN) -- -- -- --		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 05 B
Place of search		Date of completion of search	Examiner
The Hague		18 October 91	RAUSCH R.G.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
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P: intermediate document		&: member of the same patent family, corresponding document	
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