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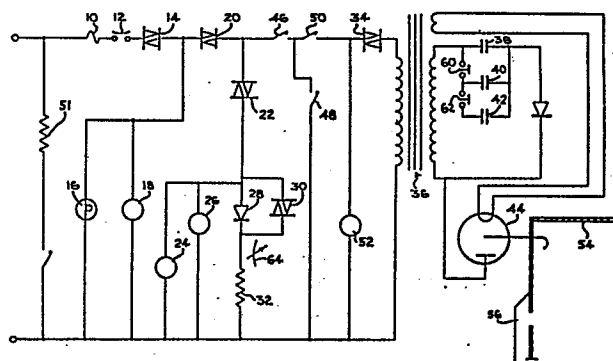
84 Designated Contracting States: **BE DE FR GB IT SE**

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54 **Microwave ovens and methods of cooking food.**

57 A microwave oven has a magnetron (44) for supplying microwave power to the oven cavity and a fan and electrical resistance heating element (32) for supplying a forced flow of recirculating hot air through the oven cavity. To increase the penetration of microwave power into the food, and thereby shorten the cooking time, the magnetron (44) has an operating frequency such as 896 or 915 Megahertz which is lower than is conventionally used in microwave ovens.





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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)
P, D, Y	GB - A - 2 137 860 (MICROWAVE OVENS LIMITED) * Totality *	1,3-7	F 24 C 7/02 H 05 B 6/64 H 05 B 11/00
Y	US - A - 4 221 948 (JEAN) * Column 1, lines 6-22 *	1,3-7	
A	DE - A1 - 2 555 154 (ELEKTRO-MASCHINEN AG) * Page 5, last paragraph - page 9, line 6; fig. 1-3 *	1,2,5-7	
A	GB - A - 2 081 060 (SPECIAL METALS) * Page 1, lines 6-11 *	1-3,5-7	
A	US - A - 3 699 976 (ABE) * Abstract *	1-3,5-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 24 C H 05 B
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 28-06-1985	Examiner TSILIDIS
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			

