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(54) **Microwave oven.**

(57) A microwave oven includes an inner barrier (28) mounted for electric wave shielding on a frame (20) of a door (13) for opening and closing a cooking chamber (12). The inner barrier (28) includes a transparent base plate (30) and a mesh conductor pattern (31) formed on a counter cooking chamber side of the base plate (30). The conductor pattern (31) includes a portion (33, 34) disposed along the peripheral edge of the base plate (30). The portion (33, 34) of the conductor pattern (31) has a line width larger than the other portion of the base plate (30). The portion (33, 34) of the conductor pattern (31) is in contact with the frame (20) of the door (13).

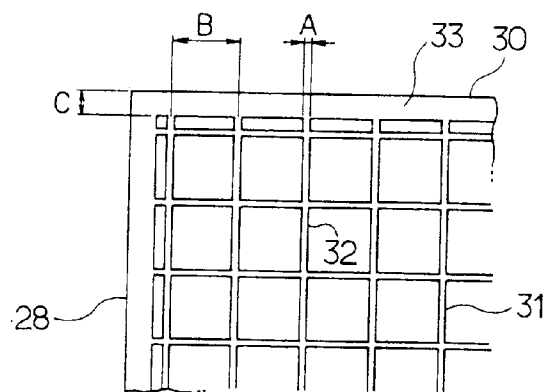


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 2033

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)
Y	FR-A-2 484 397 (VERRERIES DE TROIS FONTAINES) * page 2, line 29 - page 3, line 19; figure 1 * ---	1, 2, 7	H05B6/76 F24C15/04
Y	EP-A-0 131 324 (I.R.E. INDUSTRIE RIUNITE EURODOMESTICI S.P.A.) * page 3, line 23 - page 4, line 29; figure 2 * ---	1, 2, 7	
A	WORLD PATENTS INDEX LATEST Section Ch, Week 8750, Derwent Publications Ltd., London, GB; Class A, AN 87352749 & JP-A-62 256 969 (MITSUBISHI DENKI K.K.) 9 November 1987 * abstract * ---	4	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 345 (C-386)20 November 1986 & JP-A-61 146 737 (MIE YUSHI KAKO K.K.) 4 July 1986 * abstract * ---	5	
A	EP-A-0 406 728 (BOSCH-SIEMENS HAUSGERATE GMBH) * column 2, line 18 - line 54; figures 1, 2 * ---	4, 6	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	PATENT ABSTRACTS OF JAPAN vol. 14, no. 65 (E-884)6 February 1990 & JP-A-1 286 286 (MATSUSHITA ELECTRIC INDUSTRIAL CO.) 17 November 1989 * abstract * -----		H05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 SEPTEMBER 1992	Examiner ALBERTSSON E. 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	

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