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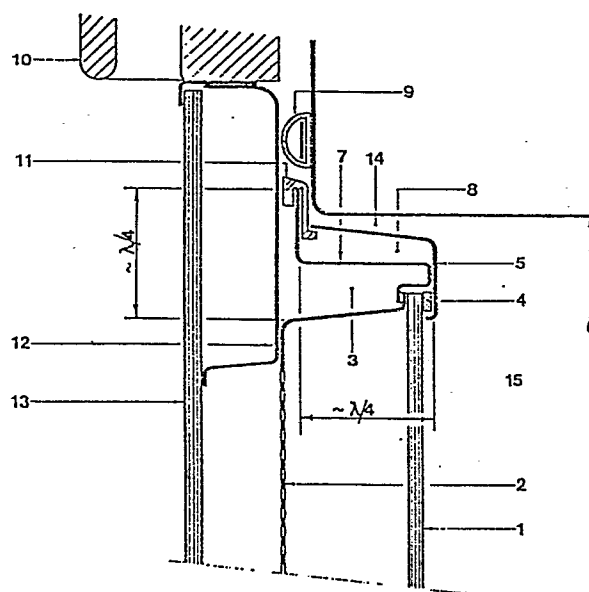
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⑤④ **A door for a combination gas or electric and microwave oven.**

⑤⑦ Described is a door for a gas or electric and microwave oven, comprising an outer peripheral frame having a first glass window (13) secured thereto, an inner door provided with a second glass window (1), and a perforate metal screen (2) interposed between the two windows. According to the invention, the inner door is detachably secured to the outer door frame and formed of first and second frame members arranged so as to form first and second microwave traps each having a length equal to about one quarter of the wavelength of the radiation employed and being oriented in mutually perpendicular directions. The invention permits a conventional door for a gas or electric oven to be readily modified for use with a combined gas/electric and microwave oven so as to guard against the escape therefrom of microwave energy.





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. 3)
Y	DE-A-2 854 993 (LICENTIA) * Page 5, line 3 - page 6, line 3; figure 3 *	1	H 05 B 6/76
Y	FR-A-2 084 066 (MATSUSHITA) * Page 7, lines 25-33; figures 2,7 *	1	
A	US-A-4 313 044 (STAATS) * Column 3, paragraph 3; figure 2 *	2	
A	FR-A-2 391 345 (MILLS PROD.)		
A	FR-A-2 275 108 (AMANA REFRIG.)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 3) H 05 B 6/00 F 24 C 15/00
Place of search THE HAGUE		Date of completion of the search 18-12-1984	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
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