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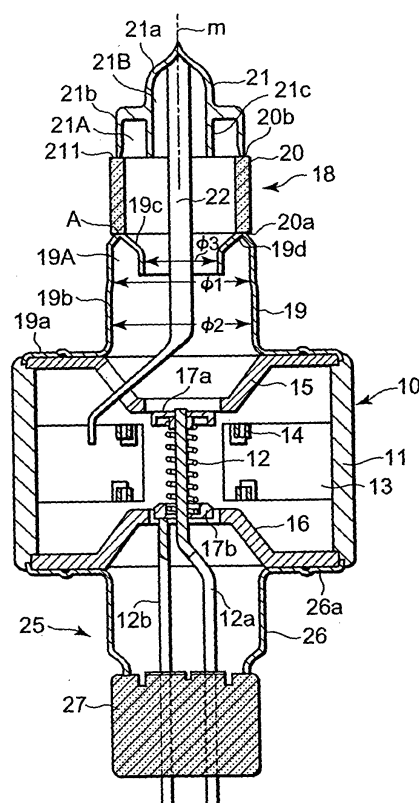
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(54) **Magnetron for microwave oven**

(57) A magnetron for microwave oven comprising a metallic sealing member (19) forming a high frequency choke having a cylindrical double wall structural portion, an insulating cylinder (20) joined to the metallic sealing member (19) and an antenna lead (22) passing through the inside of both the metallic sealing member (19) and the insulating cylinder (20), a flat surface (19a) is provided on the annular joining region of the metallic sealing member (19) to the insulating cylinder (20), and further an inside tapered portion whose inner diameter varies gradually and gets close to the antenna lead (22) is provided on the inner wall structural portion, which becomes a double wall structural portion, of the metallic sealing member (19) as is continuing into the annular flat surface.

FIG. 1a





European Patent
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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 November 2007	Examiner MARTIN VICENTE, A
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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