

Title (en)

Magnetron for microwave oven.

Title (de)

Magnetron für einen Mikrowellenherd.

Title (fr)

Magnétron pour un four à micro-ondes.

Publication

EP 0543687 A1 19930526 (EN)

Application

EP 92402719 A 19921006

Priority

KR 910019974 U 19911120

Abstract (en)

A magnetron for a microwave oven comprising a spacer (30) having a disc shape fitted between a lower pole piece (11') and a F-seal (4) supporting the lower pole piece (11'). The spacer (30) has a pair of lead holes (31,32) through which a center lead (17) and a side lead (18) extend, respectively. At the upper surface of the space, a metal coating (33) is formed which defines an attenuation cavity (36). The provision of the attenuation cavity (36) makes it possible to remove effectively leaked microwaves. Since the spacer (30) is firmly fitted between the lower pole piece (11') and the F-seal (4), it is also possible to avoid a lateral vibration of the lead assembly. <IMAGE>

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IPC 8 full level

H01J 23/14 (2006.01); **H01J 23/15** (2006.01)

CPC (source: EP)

H01J 23/14 (2013.01); **H01J 23/15** (2013.01)

Citation (search report)

- [A] EP 0339374 A1 19891102 - MATSUSHITA ELECTRONICS CORP [JP]
- [AD] US 4684845 A 19870804 - TSUZURAHARA MAMORU [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 32 (E-96)(910) 26 February 1982 & JP-A-56 152 139 (SANYO DENKI K.K.)

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EP 0543687 A1 19930526; EP 0543687 B1 19960814; DE 69212775 D1 19960919; DE 69212775 T2 19970116

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