

Title (en)

MICROWAVE HEATING APPARATUS WITH DOOR SEALING FOR PREVENTING LEAKAGE OF MICROWAVES

Publication

**EP 0049817 B1 19860430 (DE)**

Application

**EP 81107757 A 19810930**

Priority

JP 13894280 A 19801003

Abstract (en)

[origin: US4449025A] A microwave leakage-preventive device for use with a high frequency heating appliance for dielectric heating of an object by high frequency energy has a choke attenuator installed in a door for attenuation of microwaves, the choke attenuator being of the type adapted to enter an oven cavity when the door is closed. A portion of the choke attenuator is received in a recess formed within the door body, so that the choke attenuator entering the oven cavity is made smaller by an amount corresponding to the dimension thereof received in the door body. The width of the recess formed within the door body is made larger than the width of the choke attenuator entering the oven cavity, thereby providing a small-thickness door which is superior in microwave leakage prevention.

IPC 1-7

**H05B 6/76**

IPC 8 full level

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CPC (source: EP US)

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