

Title (en)

A DOOR FOR A COMBINATION GAS OR ELECTRIC AND MICROWAVE OVEN

Publication

EP 0121893 A3 19850424 (EN)

Application

EP 84103654 A 19840403

Priority

IT 3401683 U 19830407

Abstract (en)

[origin: EP0121893A2] Described is a door for a gas or electric and microwave oven, comprising an outer peripheral frame having a first glass window secured thereto, an inner door provided with a second glass window, and a perforate metal screen 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.

IPC 1-7

H05B 6/76

IPC 8 full level

H05B 6/76 (2006.01)

CPC (source: EP)

H05B 6/763 (2013.01)

Citation (search report)

- [Y] DE 2854993 A1 19800710 - LICENTIA GMBH
- [Y] FR 2084066 A5 19711217 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 4313044 A 19820126 - STAATS JAMES E
- [A] FR 2391345 A1 19781215 - MILLS PROD INC [US]
- [A] FR 2275108 A1 19760109 - AMANA REFRIGERATION INC [US]

Cited by

EP0369911A1; FR2649188A1; US2010192935A1; US8413649B2; US6263830B1; US6352050B2; US6412438B2; US6439155B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0121893 A2 19841017; EP 0121893 A3 19850424; ES 278206 U 19851101; ES 278206 Y 19860516; IT 8334016 V0 19830407

DOCDB simple family (application)

EP 84103654 A 19840403; ES 278206 U 19840314; IT 3401683 U 19830407