Title (en)

A wave choke system for a microwave oven

Title (de)

Drosselspulensystem für einen Mikrowellenherd

Title (fr)

Système de support à ondes pour four à micro-ondes

Publication

EP 2466991 A1 20120620 (EN)

Application

EP 12159564 A 20090814

Priority

- EP 12159564 A 20090814
- EP 09010482 A 20090814

Abstract (en)

The present invention relates to a wave choke system for a microwave oven. Said wave choke system comprises at least one elongate channel (10) bordered by side walls (18, 20, 22, 24, 26) made of conductive material and by at least one gap (28). The channel (10) is provided for extending at least partially along the door frame (34) and/or along the cavity frame (36). The channel (10) comprises at least two recesses (12, 14) each provided for a »/4 transformation and a step (16) between said recesses (12, 14), wherein preferably an edge of the step (16) extends parallel to the longitudinal axis of the channel (10). Further, the present invention relates to a microwave oven with at least one above wave choke system.

IPC 8 full level

H05B 6/76 (2006.01)

CPC (source: EP)

H05B 6/763 (2013.01)

Citation (applicant)

US 3678238 A 19720718 - YASUOKA YOSHIO, et al

Citation (search report)

- [XI] US 3678238 A 19720718 - YASUOKA YOSHIO, et al
- [X] EP 0116648 A1 19840829 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] GB 2058529 A 19810408 - BOSCH SIEMENS HAUSGERAETE
- [A] GB 2106360 A 19830407 - HITACHI HEATING APPL [JP]

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DOCDB simple family (publication)

EP 2285181 A1 20110216; EP 2466991 A1 20120620; EP 2466991 B1 20140806

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