

Title (en)

A wave choke system for an oven door of a microwave oven

Title (de)

Drosselspulensystem für eine Herdtür eines Mikrowellenherds

Title (fr)

Système de support à ondes pour porte de four d'un four à micro-ondes

Publication

**EP 2271176 B1 20120627 (EN)**

Application

**EP 09008660 A 20090702**

Priority

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Abstract (en)

[origin: EP2271176A1] The present invention relates to a wave choke system for an oven door of a microwave oven. The wave choke system is provided for a door frame of the oven door. The wave choke system comprises an elongated wave choke recess (10) made of conductive material, an elongated choke portion (12) made of conductive material and arranged parallel to the wave choke recess (10), and at least one elongated cover element (14) made of dielectric material and arranged parallel to the wave choke recess (10) and to the choke portion (12). The wave choke recess (10), the choke portion (12) and the cover element (14) are formed as profile parts. The cross-section of the cover element (14) encloses at least partially the cross-sections of the wave choke recess (10) and the choke portion (12). The cross-section of the choke portion (12) covers at least partially the cross-section of the wave choke recess (10). The wave choke recess (10) and the choke portion (12) are electrically isolated from each other.

IPC 8 full level

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