

Title (en)

Microwave oven with a fan and a mode stirrer mounted on a common driveshaft

Title (de)

Mikrowellenofen mit auf einer gemeinsamen Antriebswelle montierten Lüfter und Feldverteilungselement

Title (fr)

Four à micro-ondes avec un ventilateur et un brasseur d'ondes montés sur un arbre d'entraînement comun

Publication

EP 1515591 A1 20050316 (EN)

Application

EP 04255425 A 20040907

Priority

US 50135203 P 20030909

Abstract (en)

A microwave oven comprises a magnetron for delivering microwave power to a cavity of the oven, a rotatable phase modulator (19) an electrical resistance heating element (12) and a rotatable fan (20) for forcing air over the resistance heating element (12) and through the cavity. The phase modulator (19) and the fan (20) are mounted on a common driveshaft (18). A matchplate (9) is mounted in the cavity. <IMAGE>

IPC 1-7

H05B 6/80; **H05B 6/74**

IPC 8 full level

H05B 6/74 (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)

H05B 6/6473 (2013.01); **H05B 6/74** (2013.01); **H05B 6/745** (2013.01)

Citation (search report)

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