

Title (en)

Microwave oven providing a security to the high-voltage-transformer

Title (de)

Mikrowellenherd versehen mit eine Sicherungseinrichtung für den Hochspannungstransformator

Title (fr)

Four à micro-ondes comportant une sécurité protégeant le transformateur haute tension

Publication

EP 0981265 B1 20040630 (EN)

Application

EP 99302489 A 19990330

Priority

KR 19980033738 A 19980820

Abstract (en)

[origin: EP0981265A1] A microwave oven has a power supply that provides protection against an initial overcurrent condition. The overcurrent protection is provided by a relay (21) in parallel with a resistor (23). The relay (21) is initially open so that the current supplied to the oven's high-voltage transformer (9) is initially limited by the resistor (23). The relay (21) closes when the current in its coil (17) has increased sufficiently. The mains applied to the oven is reduced, rectified and smoothed before being applied to the coil (17). <IMAGE>

IPC 1-7

H05B 6/66

IPC 8 full level

H05B 6/68 (2006.01); **H05B 6/66** (2006.01)

CPC (source: EP KR)

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Cited by

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