

Title (en)
MULTI-SHELVED CONVECTION MICROWAVE OVEN

Title (de)
KONVEKTIONS- UND MIKROWELLENOFEN MIT MEHREREN EINSCHÜBEN

Title (fr)
FOUR A MICRO-ONDES/CONVECTION MULTI-PLATEAUX

Publication
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Application
EP 00926174 A 20000419

Priority
• US 0010624 W 20000419
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Abstract (en)
[origin: WO0064219B1] An oven, is provided that includes multiple heat transfer means, including convection and microwave heat transfer means. The oven includes a cooking chamber, a blower and at least a shelf disposed within the cooking chamber. The shelf is designed to act as a food support as well as a conduit through which heated air passes into the cooking chamber. The microwave heating means comprises a microwave source and wave guide through which microwaves travel. The wave guide includes a plurality of openings through which microwaves can pass into said cooking chamber. In the preferred embodiment, the openings in the wave guide are positioned to correspond with the predetermined minima or maxima for the microwave wavelength propagating within the wave guide. An electric heating element may also be disposed within the cooking chamber to provide an alternative heating source.

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Cited by
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