

Title (en)

Micro-wave oven equipped with a field distributor.

Title (de)

Mikrowellenofen, welcher mit einem Feldverteiler versehen ist.

Title (fr)

Four à micro-ondes équipé d'un répartiteur d'ondes.

Publication

EP 0346194 A1 19891213 (FR)

Application

EP 89401526 A 19890602

Priority

FR 8807554 A 19880607

Abstract (en)

The microwave oven according to the invention comprises an enclosure (1) in which is arranged a receptacle (2), at least one microwave source (3) arranged above the receptacle, and a field distributor (5) mounted so as to rotate between the microwave source and the inside of the receptacle. The field distributor comprises at least one tubular waveguide (12, 13) arranged substantially vertically and extending inside the receptacle and containing at least one wave-receiving aperture in the vicinity of its upper part, and at least one wave-diffusing aperture (16, 17) opening out inside the receptacle; the oven also comprises means (25) of immobilising the receptacle against rotation about a vertical axis. <IMAGE>

IPC 1-7

H05B 6/72

IPC 8 full level

H05B 6/72 (2006.01)

CPC (source: EP US)

H05B 6/72 (2013.01 - EP US)

Citation (search report)

- [A] FR 2312165 A1 19761217 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] US 4571473 A 19860218 - WYSLOUZIL WALTER [CA], et al
- [A] GB 2065458 A 19810701 - MANN B L S
- [A] EP 0225307 A2 19870610 - SKANDINAVISK TORKTEKNIK AB [SE]

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DOCDB simple family (publication)

EP 0346194 A1 19891213; EP 0346194 B1 19930113; CA 1312121 C 19921229; DE 68904357 D1 19930225; DE 68904357 T2 19930819; ES 2037440 T3 19930616; FR 2632476 A1 19891208; FR 2632476 B1 19900831; GR 3007259 T3 19930730; US 4937418 A 19900626

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