

Title (en)

Microwave oven with rotating antenna

Title (de)

Mikrowellenherd mit Drehantenne

Title (fr)

Four à micro-ondes à antenne rotative

Publication

EP 2136605 B1 20150225 (FR)

Application

EP 09290456 A 20090617

Priority

FR 0853978 A 20080617

Abstract (en)

[origin: EP2136605A1] The oven has a wave guide (30) for supplying high frequency energy in a heating chamber (10) from a magnetron (20). A rotary antenna (40) has a rod emerging on the guide in a lateral wall (12) of the chamber, where the rod is extended along axis. The wall has a housing (60), where the rod is opened in the housing. The antenna has a plate (70) extended in the housing, where the plate has a radiating slot arranged at a distance from a fixation point (72) of the plate.

IPC 8 full level

H05B 6/74 (2006.01)

CPC (source: EP)

H05B 6/725 (2013.01); **H05B 6/74** (2013.01)

Cited by

CN109780585A; US2022086971A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2136605 A1 20091223; EP 2136605 B1 20150225; ES 2538186 T3 20150617; FR 2932641 A1 20091218; FR 2932641 B1 20150529

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