

Title (en)
Combination convection and microwave oven.

Title (de)
Kombinierter Konvektions- und Mikrowellenofen.

Title (fr)
Four combiné à convection et à micro-ondes.

Publication
EP 0121892 A2 19841017 (EN)

Application
EP 84103652 A 19840403

Priority
IT 4571283 A 19830407

Abstract (en)
A combination convection and microwave oven, in which a microwave generator (3) is located in the lower part of a housing (19) and the radiation of the microwave energy takes place from a zone adjacent the rear wall of the oven cavity (17) by means of the shaft (12) of a motor (6) driving a fan (11) within the oven cavity. The shaft (12) of the motor (6) extends through a waveguid conduit (5), and the motor is adapted to operate at two different speeds, so that the fan (11) is selectively operable as a microwave field agitator and as a fan proper for circulating the air within the oven cavity in the convection heat cooking mode.

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H05B 6/80

IPC 8 full level
H05B 6/72 (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)
H05B 6/6473 (2013.01); **H05B 6/725** (2013.01)

Cited by
DE102012004080A1; KR100402497B1; EP0362022A1; FR2637053A1; GB2174876A; US4661669A; EP0747638A1; EP1467154A3; FR2618529A1

Designated contracting state (EPC)
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