

Title (en)

Control system for microwave oven.

Title (de)

Steuervorrichtung für Mikrowellenofen.

Title (fr)

Dispositif de commande d'un four à micro-ondes.

Publication

EP 0489383 B1 19941019 (FR)

Application

EP 91120660 A 19911202

Priority

FR 9015221 A 19901205

Abstract (en)

[origin: EP0489383A2] The invention relates to a control system for the electrical supply circuit of a microwave oven with three operating modes (microwave or grill or grill and microwave combined) comprising a movable knob placed on the external front face of the case of the said microwave oven and which, when activated, enables one of the three operating modes to be chosen. According to the invention, the control system includes two micro-switches (A-B), on the one hand, each including a control key (3-4) actuating a movable contact (21-24) located between two fixed contacts (22, 23-25, 26) controlled by actuating means carried by the said movable knob so as selectively to obtain one of the three operating modes chosen by positioning the movable knob and, on the other hand, positioned inside the said oven in a regulation and supply device allowing the microwave oven to operate. Application to microwave ovens. <IMAGE>

IPC 1-7

H05B 6/68; H01H 21/82

IPC 8 full level

H05B 6/68 (2006.01)

CPC (source: EP KR)

F24C 7/08 (2013.01 - KR); **H05B 6/6482** (2013.01 - EP)

Cited by

EP0756440A1; EP0750445A3; US5728996A; EP0609161A1; FR2701094A1

Designated contracting state (EPC)

AT CH DE ES GB LI NL SE

DOCDB simple family (publication)

EP 0489383 A2 19920610; EP 0489383 A3 19920930; EP 0489383 B1 19941019; AT E113155 T1 19941115; DE 69104697 D1 19941124; DE 69104697 T2 19950316; ES 2064028 T3 19950116; FR 2670273 A1 19920612; FR 2670273 B1 19980306; KR 100220255 B1 19990915; KR 920012824 A 19920727; PT 99682 A 19940131; PT 99682 B 19990226

DOCDB simple family (application)

EP 91120660 A 19911202; AT 91120660 T 19911202; DE 69104697 T 19911202; ES 91120660 T 19911202; FR 9015221 A 19901205; KR 910022031 A 19911203; PT 9968291 A 19911204