

Title (en)

Method and device for controlling a microwave oven.

Title (de)

Verfahren und Apparat für die Steuerung eines Mikrowellenofens.

Title (fr)

Procédé de commande d'un four à micro-ondes, et four à micro-ondes mettant en oeuvre de ce procédé.

Publication

EP 0433158 B1 19941130 (FR)

Application

EP 90403521 A 19901211

Priority

FR 8916613 A 19891215

Abstract (en)

[origin: EP0433158A1] Method of controlling a microwave oven having a microwave-producing tube such as a magnetron, characterised in that it consists: - at the start of a cycle of processing a foodstuff or a drink, in operating the microwave-producing tube at its maximum power P_n for a time at most equal to a time for reheating this microwave-producing tube or one or more accessories for powering and cooling this tube, and taken as a reference, such as a transformer, that is to say the temperature rise time, from its or their rest temperature, to its or their predetermined operating temperature limit and - in the remainder of this processing cycle, in operating the microwave-producing tube at a preset power for normal working, less than its maximum power P_n. Microwave oven implementing this method. <IMAGE>

IPC 1-7

H05B 6/68

IPC 8 full level

H05B 6/66 (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP)

H05B 6/666 (2013.01)

Cited by

EP0655877A3; US5625520A; EP0504025A1; FR2673801A1; EP0921712A1; FR2772208A1; US6049071A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0433158 A1 19910619; EP 0433158 B1 19941130; AT E114926 T1 19941215; DE 69014570 D1 19950112; DE 69014570 T2 19950413; DK 0433158 T3 19950116; ES 2064694 T3 19950201; FR 2656191 A1 19910621; FR 2656191 B1 19960607; FR 2673349 A1 19920828; FR 2673349 B1 19930716; HK 34297 A 19970327

DOCDB simple family (application)

EP 90403521 A 19901211; AT 90403521 T 19901211; DE 69014570 T 19901211; DK 90403521 T 19901211; ES 90403521 T 19901211; FR 8916613 A 19891215; FR 9115166 A 19911206; HK 34297 A 19970320