Title (en)
  Method of preheating microwave oven

Title (de)
  Verfahren zum Vorwärmen eines Mikrowellenherds

Title (fr)
  Procédé de préchauffage de four à micro-ondes

Publication
  EP 2009958 A3 20110330 (EN)

Application
  EP 08158882 A 20080624

Priority
  KR 20070062032 A 20070625

Abstract (en)
  [origin: EP2009958A2] Disclosed herein is a method of preheating a microwave oven. The method includes driving a cooling fan motor for a predetermined preheating duration if a preheating operation is performed by setting a preheating temperature and inputting a preheating signal; determining whether an internal temperature of a cooking chamber reaches the preheating temperature while continuously driving all available heaters of the microwave oven; and maintaining the preheating temperature for a preheating temperature maintaining duration by driving the cooling fan motor while selectively driving the available heaters, if the internal temperature reaches the preheating temperature.

IPC 8 full level
  H05B 6/00 (2006.01)

CPC (source: EP KR)
  F24C 7/046 (2013.01 - KR); **F24C 7/087** (2013.01 - KR); **H05B 6/662** (2013.01 - KR); **H05B 6/666** (2013.01 - KR); **H05B 6/687** (2013.01 - EP KR)

Citation (search report)
  [X] US 7009147 B1 20060307 - SCHULTE ROBERT A [US]

Cited by
  CN108710392A; US9927127B2; US9689576B2

Designated contracting state (EPC)
  AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
  AL BA MK RS

DOCDB simple family (publication)
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