

Title (en)

Automatic temperature boosting system

Title (de)

Automatisches Temperaturerhöhungssystem

Title (fr)

Système d'accélération automatique de la température

Publication

EP 2458286 A1 20120530 (EN)

Application

EP 11189210 A 20111115

Priority

TR 201009625 A 20101123

Abstract (en)

Automatic heat boosting system, developed for a cooking device comprising at least one cooking compartment; at least two heating elements (5a, 5b, 5c, 5d) that heat this cooking compartment; at least one temperature sensor (3) that senses the cooking compartment temperature; at least one switching element (6) that has more than one position and controls the operation of said heating elements (5a, 5b, 5c, 5d) depending on the position selected from said positions; comprises a control unit (1) which is connected to said temperature sensor (3), to said heating elements (5a, 5b, 5c, 5d) and to said switching element (6), and which powers all of the heating elements (5a, 5b, 5c, 5d) independently from the position of the switching element (6) when at least one of the heating elements (5a, 5b, 5c, 5d) is started by changing the position of the switching element (6).

IPC 8 full level

F24C 7/08 (2006.01)

CPC (source: EP)

F24C 7/087 (2013.01)

Citation (applicant)

- US 2010147825 A1 20100617 - BONUSO JENNIFER L [US], et al
- US 2002066724 A1 20020606 - BROWN JOHN SCOTT [US], et al

Citation (search report)

- [X] WO 2008118639 A2 20081002 - ELECTROLUX HOME PROD INC [US], et al
- [X] DE 4029181 A1 19920319 - MIELE & CIE [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2458286 A1 20120530; TR 201009625 A2 20110721

DOCDB simple family (application)

EP 11189210 A 20111115; TR 201009625 A 20101123