Abstract: A cooking appliance includes a cabinet forming an oven cavity, and bake and broil heating elements. A convection system develops a flow of heated air within the cavity. The convection system includes a motor-driven fan, a convection heating element, and a controllable switch for controlling an electrical power circuit for the motor. A user interface device allows user selections of convection bake and convection roast operations. A controller communicates with the interface device and controls activations of the fan and the heating elements. The controller has an output for controlling operations of the controllable switch. During convection baking, the controller activates the bake and convection heating elements and controls the controllable switch so that the fan runs at a first speed. During convection roasting, the controller activates the bake and convection heating elements and controls the controllable switch so that the fan runs at a second, higher speed.
A. CLASSIFICATION OF SUBJECT MATTER

INV. F24C7/08 F24C15/32
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F24C A21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>X</td>
<td>US 7 009 147 B1 (MAYTAG CORP.) 7 March 2006 (2006-03-07) column 3 column 47 - column 9, line 28; figures 1, 4, 5</td>
<td>1-26</td>
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<td>A</td>
<td>DE 26 57 929 A1 (BOSCH SIEMENS HAUSGERAETE) 22 June 1978 (1978-06-22) page 6, line 16 - page 6, line 21; claims</td>
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See patent family annex.

Special categories of cited documents:

*A* document defining the general state of the art which is not considered to be of particular relevance

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*S* document member of the same patent family

Date of the actual completion of the international search
16 July 2010

Date of mailing of the international search report
12/10/2010

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HU Rijswijk
Tel. (+31-70) 342-2040,
Fax (+31-70) 342-3016

Authorized officer
Rohr, Peter
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