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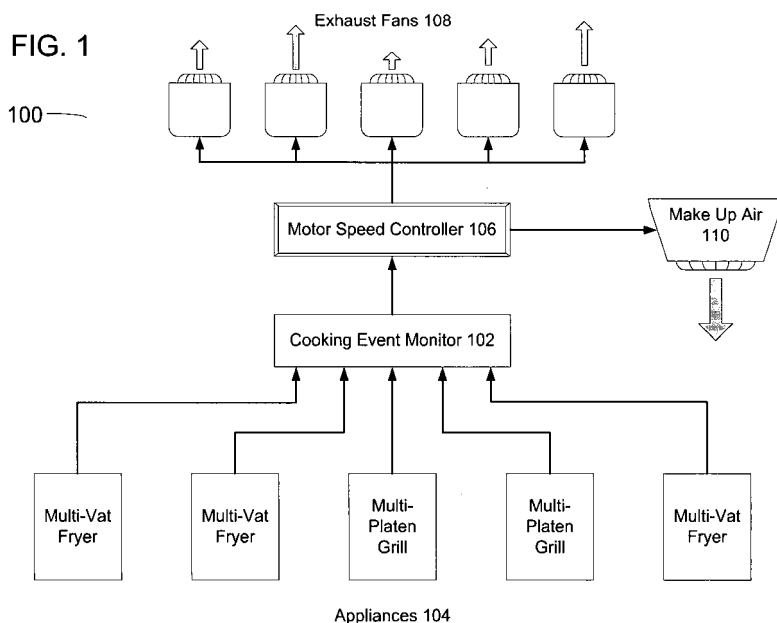
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(54) **Variable ventilation method and system**

(57) A system and method for providing variable ventilation for a cooking environment. The system includes a plurality of cooking appliances, wherein each appliance has various operating parameters indicative of a cooking level of each appliance; a cooking event monitor operably connected to each of the cooking appliances and configured to: (1) determine a level of ventilation for each of the plurality of appliances based upon the cooking level

of each appliance, (2) determine a control signal based upon the determined level of ventilation, and (3) transmit the control signal; a motor speed controller operably connected to the cooking event monitor and configured to receive the control signal; and at least one exhaust fan operably connected to the motor speed controller, wherein the motor speed controller adjusts a speed of the exhaust fan based upon the control signal.





EUROPEAN SEARCH REPORT

Application Number
EP 10 00 9338

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F24C F24F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 May 2012	Examiner Rohr, Peter
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 10 00 9338

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82