



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
15.07.2015 Bulletin 2015/29

(51) Int Cl.:
F25D 23/12 (2006.01) F25D 17/04 (2006.01)

(43) Date of publication A2:
25.11.2009 Bulletin 2009/48

(21) Application number: **09250708.6**

(22) Date of filing: **12.03.2009**

(84) Designated Contracting States:
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 SE SI SK TR
Designated Extension States:
AL BA RS

(30) Priority: **12.03.2008 US 35775**
24.12.2008 US 343682
24.12.2008 US 343690
24.12.2008 US 343696

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(54) **Device and method to produce a modified atmosphere for food preservation**

(57) An appliance system including a module (12) removably mounted to an appliance (10), one or more removable gas canisters operably connected to the module (12), and a food retaining enclosed space operably connected to the module (12). The one or more gas canisters supply a modified atmosphere in the food retaining enclosed space (14) to produce a modified atmosphere that enhances preservation of the food contained in the food retaining enclosed space (14). A method of modifying the atmosphere in a food storage space (14) for food includes the steps of: providing a module (12) capable of being removably engaged to an appliance (10) and typically receiving power from the appliance (10) and at least one removable gas canister; operatively connecting or otherwise engaging the module with the appliance (10); operatively connecting or otherwise engaging the module to a food storage area having an existing atmosphere; and removing at least a portion of the existing atmosphere from the food storage space (14) and replacing it with a modified food storage atmosphere using at least one of the at least one removable gas canisters to supply the modified atmosphere to the food storage area.

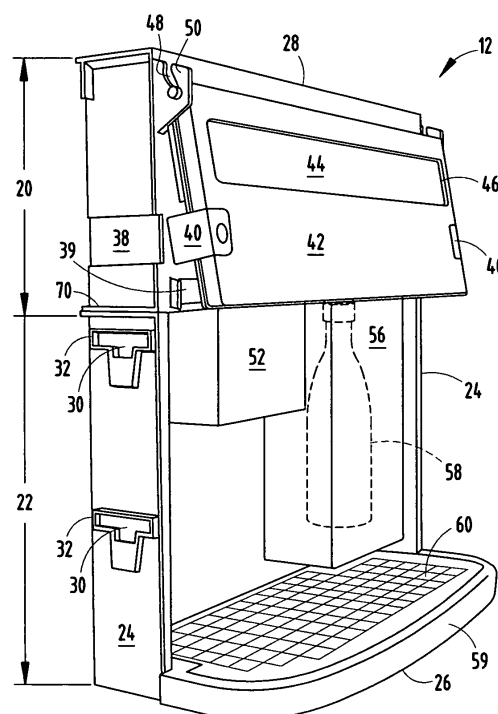


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 09 25 0708

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 29 May 2015	Examiner Correia dos Reis, I
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EPO FORM 1503 03.82 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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