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(54) **Gas cooking household appliance with automatic valves having a safety system**

(57) The present invention relates to a gas cooking household appliance provided with a gas fitting (AG) and one or more gas burners (B1,B2,B3,B4); it comprises a general automatic valve (VG) having an inlet associated with said fitting (AG), one or more individual automatic valves (V1,V2,V3,V4) having outlets respectively asso-

ciated with said one or more burners (B1,B2,B3,B4), and a pipe (TU) which connects the outlet of the general valve (VG) to the inlets of said one or more individual valves (V1,V2,V3,V4); it also comprises an electronic safety system (EL) adapted to detect any malfunctions and/or failures which might cause undesired gas flow at least through said general valve (VG).

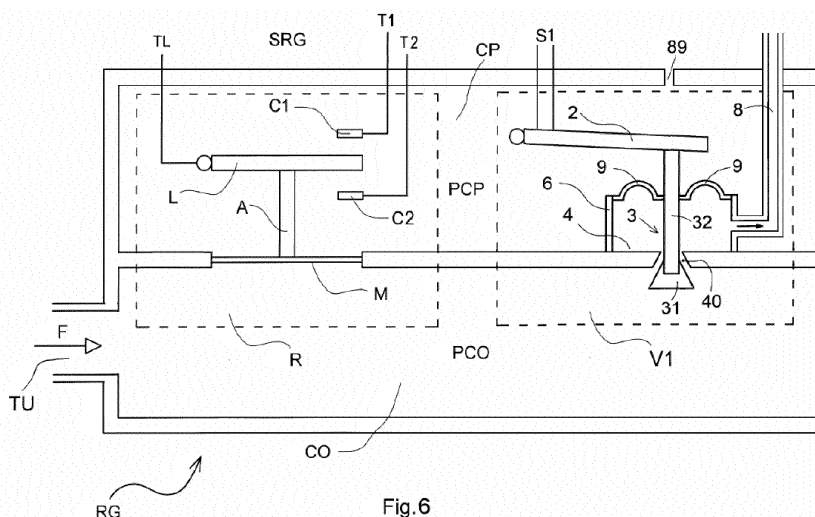


Fig. 6



EUROPEAN SEARCH REPORT

Application Number
EP 12 15 1164

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 June 2012	Examiner von Mittelstaedt, A
CATEGORY OF CITED DOCUMENTS 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 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			

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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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