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(57) An apparatus for automatically turning off a heater is disclosed. A sensor for carbon dioxide and carbon oxide (30), temperature sensor (40), or a timer (13) for the heater is set. When measured data are out of the setting condition, the burner wick (2) is automatically lowered down so that a heater is automatically extinguished. By doing so, lack of oxygen due to carbon dioxide, gas suffocation and possible fire may be prevented.

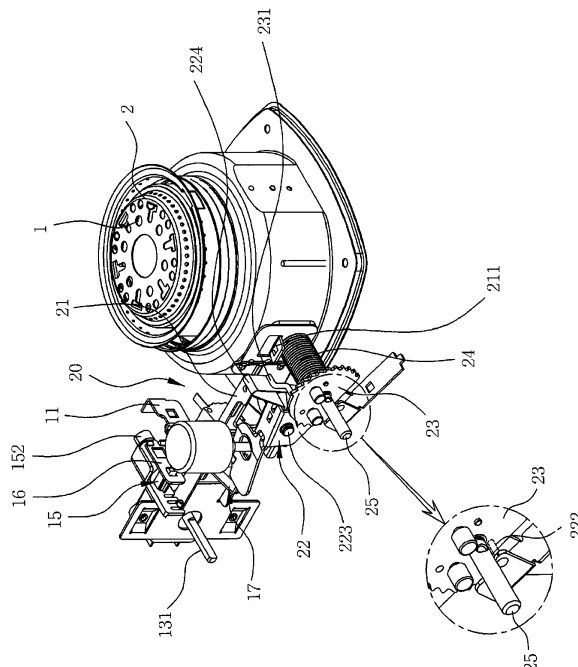


Fig. 6



EUROPEAN SEARCH REPORT

Application Number
EP 11 17 9929

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	KR 100 982 803 B1 (PASECO CO LT) 20 September 2010 (2010-09-20) * paragraphs [0005], [0006], [0007], [0009] * * paragraphs [0018], [0023], [0042] - paragraph [0047]; figures 1, 2 *	1-4	INV. F23D3/26 F23D3/28 F23N5/02 F23N5/24 F23N5/22 F23N5/00
A	US 6 338 624 B1 (KIM YOON-GUK [KR]) 15 January 2002 (2002-01-15) * the whole document *	1	
A	JP S57 164211 A (MARUYAMA SHIZUKO) 8 October 1982 (1982-10-08) * abstract; figure 1 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F23N F23D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 25 November 2015	Examiner Harder, Sebastian
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.
The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82