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(71) Applicant:
Merloni Elettrodomestici S.p.A.
I-60044 Fabriano (AN) (IT)

(72) Inventor: **Alberti, Carlo**
I-60044 Fabriano (AN) (IT)

(54) Improved control and safety device for gas appliances

(57) A control and safety device for burners of gas appliances is described, in particular for domestic use, capable of fulfilling a plurality of cooking functions, comprising all the known elements for their operation, including safety means which are actuated through an axial control given by a shaft of a cock controlling the burner operation.

The main feature of the invention consists in that means (6, 9, 11) are provided for the safety activation, which give the axial control to said shaft through the rotation of the control knob of the cock also when said knob is not directly connected to said shaft, by converting at least a part of the rotary motion of the knob in an axial motion.

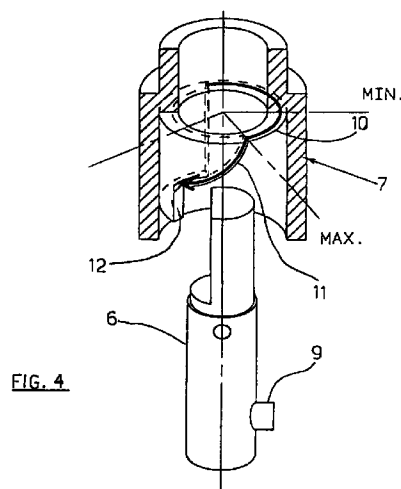


FIG. 4

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 1396

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PATENT ABSTRACTS OF JAPAN vol. 007, no. 102 (M-211), 30 April 1983 & JP 58 024659 A (MATSUSHITA DENKI SANGYO KK), 14 February 1983,	1,2,9	F23D14/72
Y	* abstract *	3,5,8	
Y	GB 2 166 221 A (TI GAS SPARES LTD) * page 2, line 110 - page 3, line 17 * * page 4, line 60 - line 78; figures 1,2,12 *	3,5	
Y	EP 0 412 041 A (ALBILUX SA) * the whole document *	8	
A	US 4 819 907 A (GOSTELOW BENJAMIN F) * figures 12-14 *	3,5	
A	GB 2 081 874 A (CONCENTRIC CONTROLS LTD) * figures 3,4 *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6) F23D F23K F24C
Place of search THE HAGUE		Date of completion of the search 8 January 1998	Examiner Coli, E
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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