



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
10.05.2000 Bulletin 2000/19

(51) Int Cl.7: **F24C 3/12**

(43) Date of publication A2:
27.05.1998 Bulletin 1998/22

(21) Application number: **97500021.7**

(22) Date of filing: **24.01.1997**

(84) Designated Contracting States:
DE FR GB IT

(71) Applicant: **FAGOR, S.Coop**
20500 Mondragon (Guipuzcoa) (ES)

(30) Priority: **23.09.1996 ES 9602011**

(72) Inventor: **Ayastuy Aretxaga, Inaki**
20570 Bergara (Guipuzcoa) (ES)

(54) **Gas distribution box to stove burners**

(57) The gas distribution box to the top burners of a stove comprises a sealed gas distribution conduit (5, 6) in the form of a channel formed between a base (3) and a cover (2) superposed plates, inside which the means (8,9,18,18',20) for controlling the individual flow to each burner are enclosed, forming an element (1) which is compact and indivisible and from which only the oper-

ating shafts (9) and a common gas inlet and individual outlets connectors (30, 31) emerge. The means for regulating the flow to each burner are a valve (8) with an operating shaft (9), and a bypass screw (20). The valves (8) comprises two superposed flat discs (8a,8b), one fixed and the other rotary, fitted between the base (3) and the cover (2). A pusher (10) cooperates with the operating shaft (9).

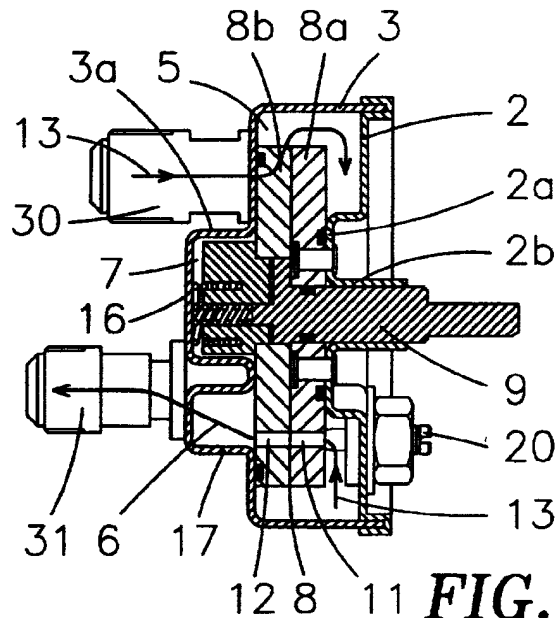


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 50 0021

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			F24C
Place of search	Date of completion of the search	Examiner	
MUNICH	14 March 2000	Filtri, G	
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			

EPO FORM 1503 03/82 (P/94C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82