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(54) **Hood with virtual barrier for the automatic activation of lamps and/or fan**

(57) The present patent application relates to a hood capable of producing a virtual barrier down towards the cooktop, it being provided that the user's interference

with the virtual barrier causes the immediate automatic switching on of the lamps and the increase in the rotation speed of the fan.

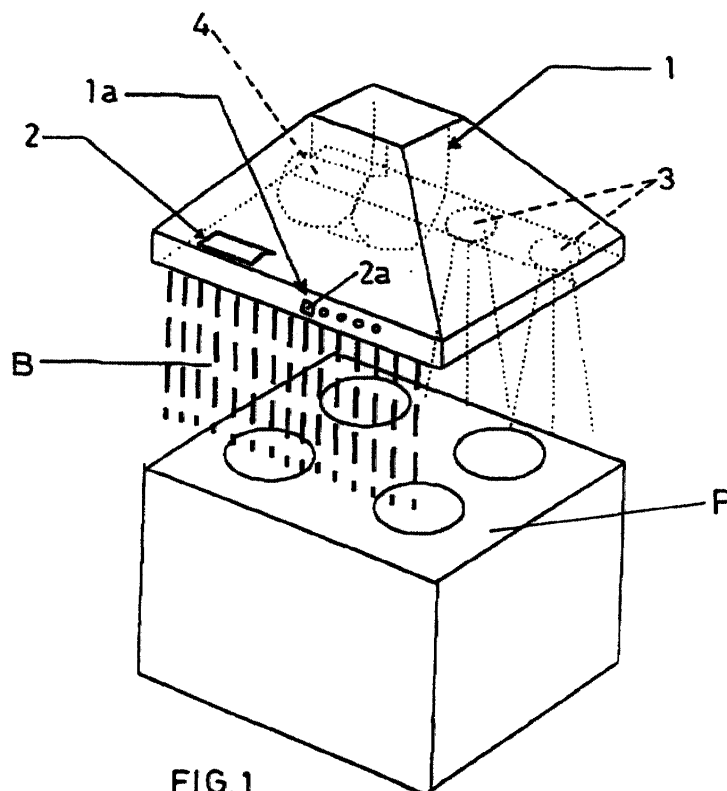


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0116

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.7)
X	EP 0 892 221 A (AEG HAUSGERAETE GMBH) 20 January 1999 (1999-01-20) * the whole document *	1	F24C15/20
A	US 5 406 073 A (SHARP GORDON P ET AL) 11 April 1995 (1995-04-11) * the whole document *	2	
A	US 5 380 985 A (GRAHAM LARRY J) 10 January 1995 (1995-01-10) * the whole document *	1	
A	DE 41 05 807 A (DIEHL GMBH & CO) 27 August 1992 (1992-08-27) * the whole document *	1,3	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) H05B F24C
Place of search MUNICH		Date of completion of the search 4 March 2002	Examiner Filtri, G
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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