

(19)



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(11)

EP 0 705 982 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
09.04.1997 Bulletin 1997/15

(51) Int. Cl.⁶: **F04D 25/08**, F04D 29/62,
F04D 29/42

(43) Date of publication A2:
10.04.1996 Bulletin 1996/15

(21) Application number: **95202642.5**

(22) Date of filing: **02.10.1995**

(84) Designated Contracting States:
**AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
PT SE**

(30) Priority: **30.09.1994 NL 9401608**

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(54) **Fan**

(57) The invention relates to a fan (1) adapted for use as component of a ventilation system for a building or a part thereof, for example a dwelling.

The invention provides a fan (1) of the stated type which has the feature that:

- the motor (4) directly supports the rotor (6);
- the housing (3) has an opening (21) through which the cavity (2) is accessible from outside;
- the motor (4) is supported by a cover (22) with

which the opening (21) can be closed; and

the cover (22) can be coupled to the edge of the opening by means of coupling means (24,25) embodied such that the cover (22) can be coupled without a tool to the opening edge (23), which coupling means (24,25) only form part of the edge (23) and the cover (22), are for instance co-acting screw threads, a bayonet fitting, a snap-coupling.

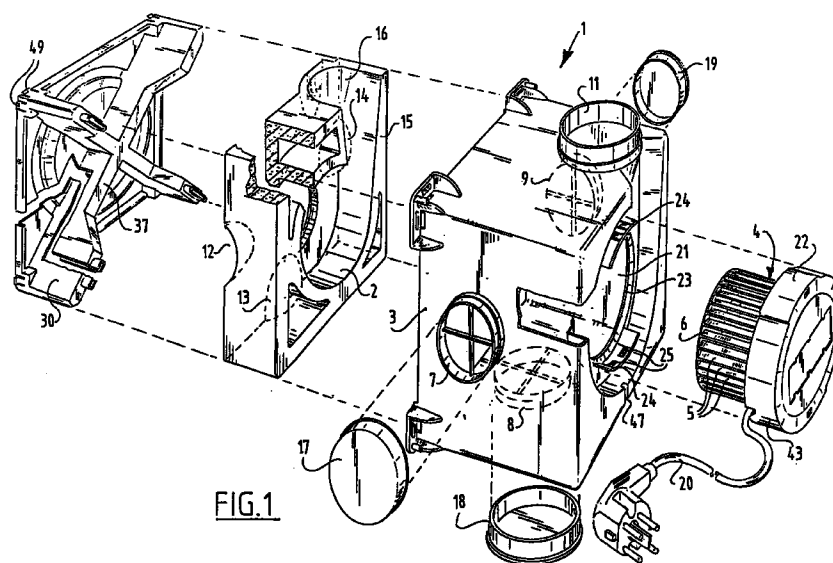


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 20 2642

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	STORK AIR: "Woonhuisventilatoren, type CML (brochure ZAL-80-0594-018748)" May 1994, J.E.STORK VENTILATOREN B.V., ZWOLLE-NL XP002024546 * the whole document *	1-9, 14-17	F04D25/08 F04D29/62 F04D29/42
Y	---	10-13	
Y	US 4 950 133 A (SARGENT) * the whole document *	10-13	
X	---		
X	DE 14 28 225 A (ROTRON) * page 7, line 1 - page 9, line 5; figures 5-7 *	1	
A	---		
A	US 3 537 544 A (KING) * the whole document *	10-13	
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X	FR 2 271 425 A (FIMEC) * the whole document *	1,3-6	
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X	DE 43 21 924 C (SIEGENIA-FRANK) * the whole document *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	---		
A	DE 86 26 016 U (SÜDDEUTSCHE KÜHLERFABRIK JULIUS FR. BEHR) * the whole document *	1,2	F04D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 February 1997	Examiner Teerling, J
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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