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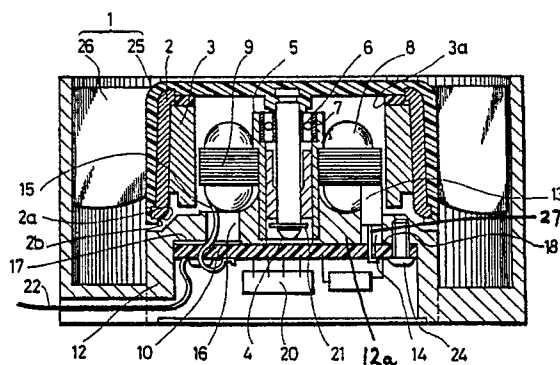
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54 Axial flow fan.

57 An axial flow fan comprising a rotary member (1-4, 25) provided with a fan member (1); a motor portion (8,9) of an electric motor for rotating the rotary member (1-4, 25); a circuit board (10) carrying an electrical component or components (20) for controlling the operation of the motor portion (8,9); and a housing (12) having a housing portion (12a) to one side of which the rotary member (1-4, 25) and the motor portion (8,9) are mounted characterised in that the circuit board (10) is mounted on the opposite side of the housing portion (12a), the axial flow fan having been assembled by introducing the rotary member (1-4,25) and the motor portion (8,9) into the housing (12) from the said one side, and introducing the circuit board (10) into the housing (12) from the said opposite side.

FIG. 2





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. 4)
X	US-A-4 663 549 (SUZUKI) * Figures 4,5,8; column 1, lines 7,8; column 2, lines 8-29; column 3, lines 50-64 * --	1,9	F 04 D 25/06 F 04 D 29/64 F 04 D 29/32
A	EP-A-0 066 158 (NISSAN) * Figures 3,9; page 5, lines 4-9; page 6, lines 17-25 * --	2	
A	FR-A-2 462 596 (SOCIETE DE PARIS ET DU RHONE) * Figures 1,2; page 1, lines 1-3; page 2, lines 10-31 * ----	2,3	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 04 D 19/00 F 04 D 25/00 F 04 D 29/00
THIS SECTION IS NOT TO BE FILLED IN			
Place of search THE HAGUE		Date of completion of the search 31-10-1989	Examiner TEERLING
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	



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
- namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions.

namely:

1. Claims 1,2,3,4,9: Axial flow fan comprising an electric motor and a circuit board, rotor and circuit board mounted from different sides.
2. Claims 5,6,7,8,10: Axial flow fan rotor construction.

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.
- namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.
- namely claims: 1,2,3,4,9