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(54) Direction control apparatus for condenser fan

(57) The condenser fan assembly contains a plurality of independently operated condenser fans, each of which includes a motor (2) that is connected to a fan blade (1) by means of a shaft (3). A housing (7) surrounds the shaft (3) of each motor (2) and in anchored in the end bell (5) of the motor (2). A one-way clutch (6) is mounted in the housing (7) and is connected to the shaft (3) to permit rotation of the motor (2) in one direction and prevent rotation of the motor (2) in the opposite direction.

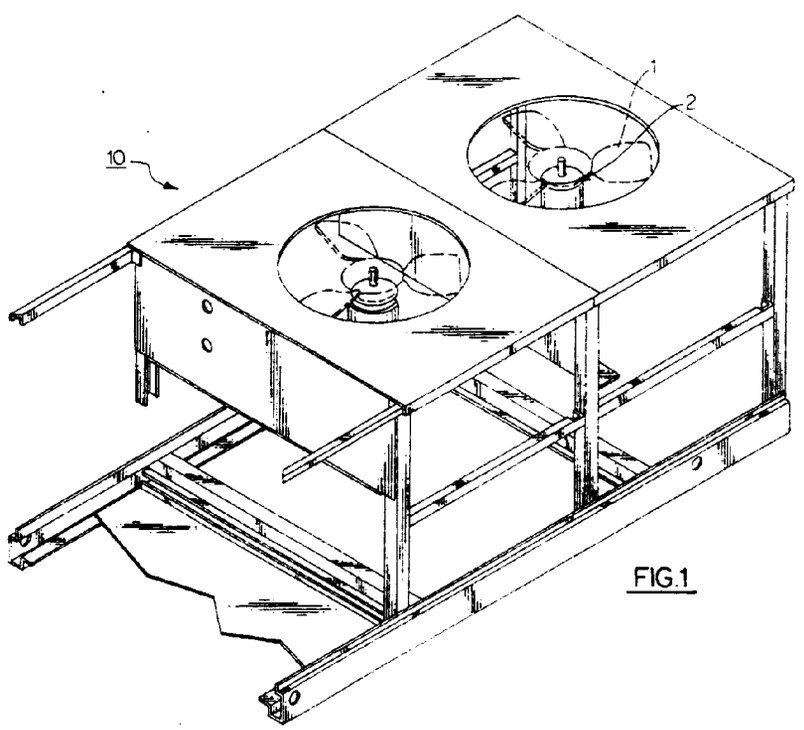


FIG.1

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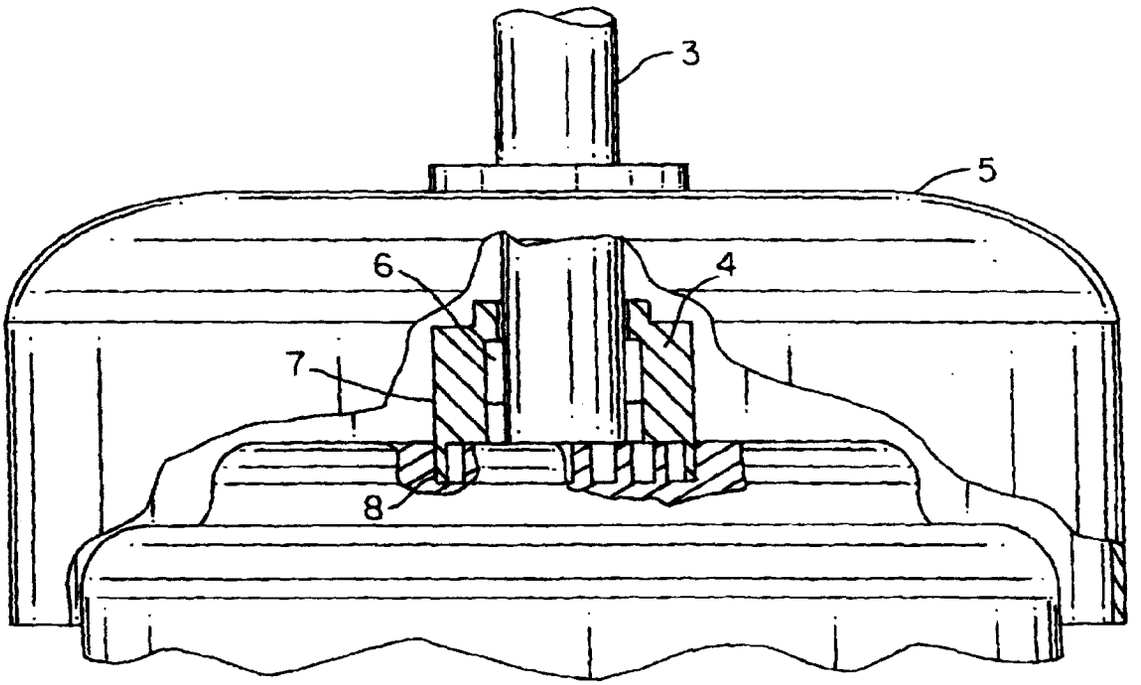


FIG.3

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EUROPEAN SEARCH REPORT

Application Number
EP 97 63 0036

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 Y	US 3 826 934 A (LEACH R) 30 July 1974 * column 1, line 57 - column 2, line 28 * * column 4, line 16 - column 5, line 7; figures 2,3 *	1,2 3-5	F04D27/02
Y	CA 2 127 726 A (AGIUS NICHOLAS V J) 12 January 1996 * page 7, line 13 - page 8, line 34 * * page 9, line 23 - line 25; figure 3 *	3	
Y	US 5 117 143 A (IDDINGS FRANKLIN G) 26 May 1992 * column 1, line 10 - line 18 * * column 2, line 14 - line 61; figures 1,2 *	4,5	
A	US 3 560 109 A (LEWIS JOHN G) 2 February 1971 * column 2, line 53 - column 3, line 30; figures 1-3 *	1,2	

TECHNICAL FIELDS SEARCHED (Int.Cl.6)

F04D

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	10 August 1998	Ingelbrecht, P

CATEGORY OF CITED DOCUMENTS

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