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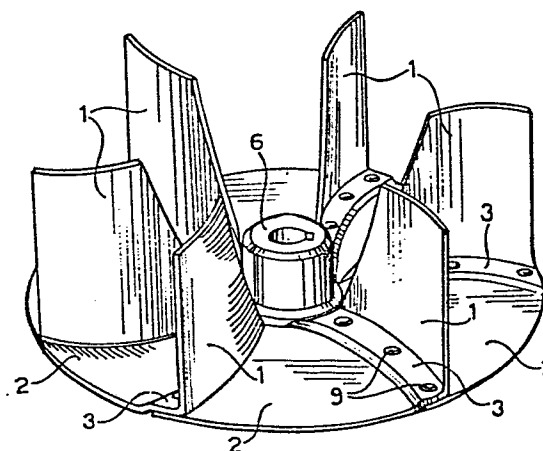
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(54) **Rotor for centrifugal compressors and fans.**

(57) A rotor for centrifugal compressors and fans, of the type comprising a ring of blades (1) connected to a central hub (6) with an annular flange (7), is formed simply and economically by providing the root of each blade (1) with an integral appendage (2) which lies in a plane perpendicular to the axis of rotation and fixing and appendage (2) of each blade (1) to both the appendage of one of the blades adjacent thereto and to the flange (7) of the hub (6).

Each blade (1) and its appendage (2) are conveniently made by pressing from sheet metal and the form of the appendages (2) is such that together they constitute a disc for a rotor of the semi-closed type or one of the discs for a rotor of the closed type.

FIG. 5





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EUROPEAN SEARCH REPORT

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EP 84 83 0232

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)
Y	US-A-1 437 610 (INGERSOLL-RAND COMPANY) * Page 1, lines 8-14, 46-85; figures 1,2,5 *	1-4,6-9	F 04 D 29/28 F 01 D 5/04
Y	DE-C- 968 553 (SIEMENS-SCHUCKERT-WERKE AG) * Page 2, lines 1-43; figures *	1-4,6-9	
A	US-A-1 953 064 (C.A. PARSONS & CO., LTD.) * Page 2, lines 32-34; figures 13-15 *	5	
A	GB-A-1 073 490 (GENERAL MOTORS CO.)		
A	DE-C- 370 845 (SIEMENS-SCHUCKERT-WERKE GmbH)		
A	DE-A-2 520 416 (BOSCH-SIEMENS HAUSGERÄTE GmbH)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4) F 01 D F 04 D
Place of search THE HAGUE		Date of completion of the search 19-03-1985	Examiner HOEPER H.H.
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			