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(54) **Radial-flow turbo machine.**

(57) A radial-flow turbo machine comprising an impeller (10) in which the center line (190) of each moving vane (100) in a cross section perpendicular to the axis of rotation (500) becomes more distant toward the back surface side (130) of the vane from a radial straight line (700) passing through the axis of rotation (500) and through an intersection (600) where the center line (190) of the vane and a hub line intersect as a radius having the axis of rotation (500) as its center increases.

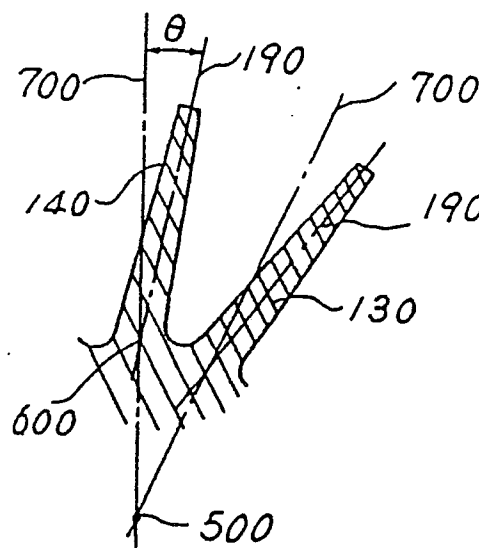


Fig. 2



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 87114238.6
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	<u>DE - A1 - 3 418 946</u> (PUTZ) * Fig. 1,2 * --	1,3	F 01 D 5/04
A	<u>US - A - 3 610 775</u> (SWEARINGEN) * Totality * --	1,3	
A	<u>GB - A - 2 166 808</u> (DAIMLER-BENZ) * Totality * --	1	
A	<u>EP - A2 - 0 080 258</u> (TOKYO SHIBAURA) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 01 D 1/00 F 01 D 5/00
Place of search VIENNA		Date of completion of the search 23-10-1989	Examiner BAUMANN
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	