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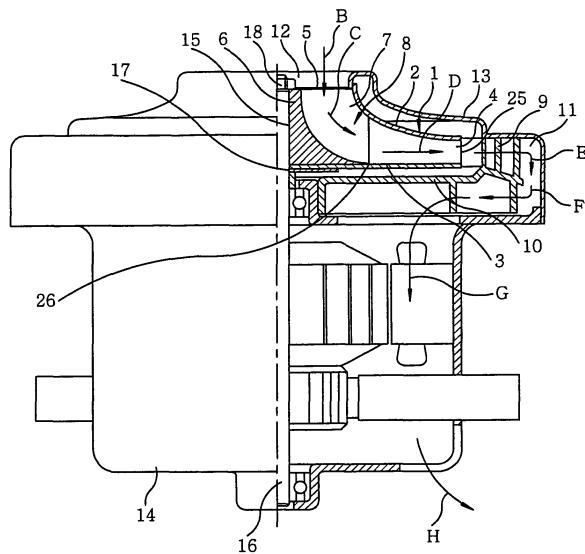
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(54) **Electric blower and electric cleaner using the same**

(57) There is provided an electric blower capable of satisfactorily enhancing the blowing efficiency of an impeller and an electric cleaner having the electric blower. In the electric blower of the present invention, an area of a passage cross-section perpendicular to a center line of a passage, defined by front shroud 2, rear shroud 3

and hub 6 of inducer 8 from inlet 5 to outlet 25 of impeller 1, is monotonically increased from inlet 5 to outlet 25. Accordingly, air flow speed depending on the flow rate in impeller 1 is gradually decreased throughout the whole passage from inlet 5 to outlet 25, so that acceleration or rapid deceleration of the air flow speed is prevented, thereby satisfactorily enhancing the blowing efficiency.

FIG. 1





EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 87/06981 A2 (SAUTER RICHARD JOHN [GB]) SAUTER RICHARD JOHN [US]) 19 November 1987 (1987-11-19) * figures 1,2 * * page 2, line 25 - page 3, line 8 * * page 11, lines 5-15,19-21 * * page 18, lines 13-18 * * claim 1 *	1,3,4, 6-8	INV. F04D29/28 F04D25/08
Y	----- * figures 1,2 * * page 2, line 25 - page 3, line 8 * * page 11, lines 5-15,19-21 * * page 18, lines 13-18 * * claim 1 *	2	
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The present search report has been drawn up for all claims			
2	Place of search The Hague	Date of completion of the search 3 September 2010	Examiner Brouillet, Bernard
EPO FORM 1503/03.92 (F04C01) 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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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