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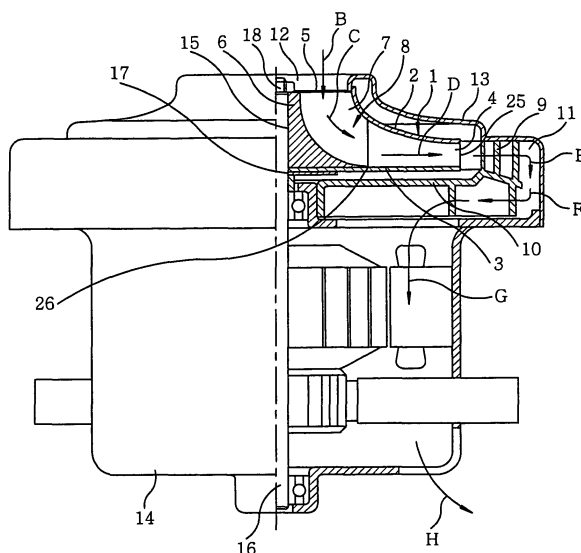
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(54) **Electric blower and electric cleaner using the same**

(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

Application Number  
EP 07 01 2832

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 September 2010	Examiner Brouillet, Bernard
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82