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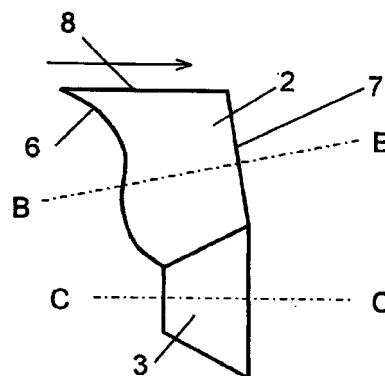
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(54) **Impeller of fan**

(57) An impeller of a fan includes hub (3) mounted with plural blades (2). The fan blows air by spinning the blades. A revolution locus of a leading edge (6) of blade (2) shows a valley in a portion between around a center and tip (8) of blade (2), and shows a peak in a portion between around the center and hub (3), with regard to windward. A cross sectional view of blade (2) in a radial direction shows a valley in a portion between around a center and tip (8), and shows a peak in a portion between around the center of blade (2) and hub (3). This structure realizes to lower the noise level and to increase the static pressure.

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
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Place of search THE HAGUE		Date of completion of the search 5 January 2001	Examiner Teerling, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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