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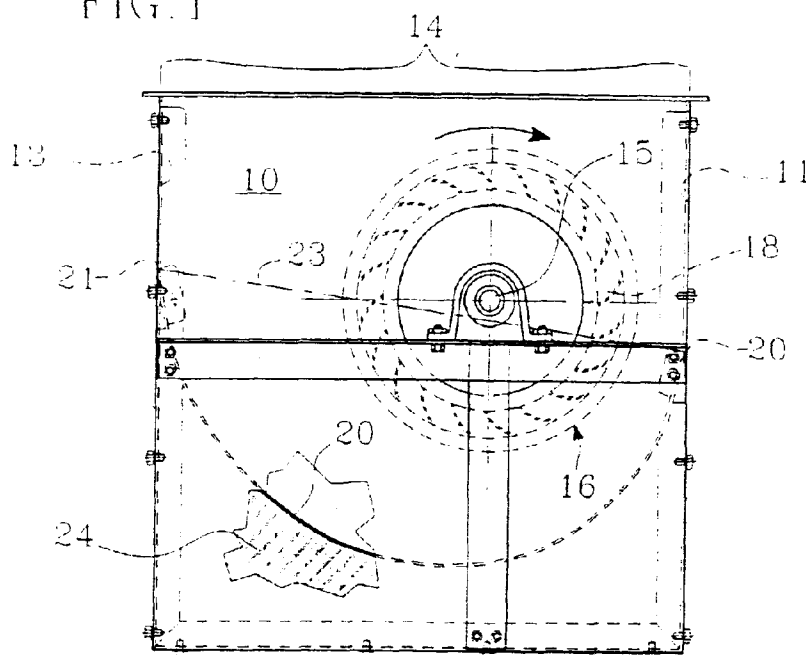
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(54) Fan housing for feeding air to a ventilation system

(57) The present invention relates to a fan housing for feeding air via an outlet (14) to a ventilation system. The fan housing comprises a radial impeller (16) rotatably mounted to a shaft which wheel has at least one centrally arranged inlet (17) and a number of impeller blades (18). Furthermore, there is a wall (20) being sub-

stantially parallel to the rotational axis which wall is curved with a monotonous increasing radius in relation to said shaft, between a first end edge (21) at a certain distance from said impeller and a second end edge (22) at a larger distance from said impeller. An imagined, straight line (23) between the two end edges (21, 22) extends through the impeller (16).

FIG. 1



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Place of search THE HAGUE		Date of completion of the search 25 September 1998	Examiner Ingelbrecht, P
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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