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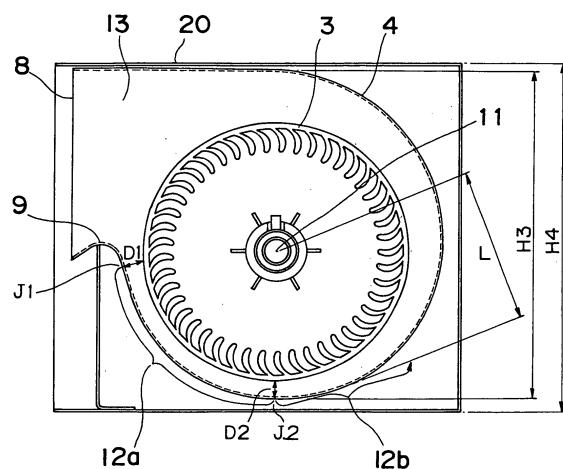
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(54) Blower

(57) A blower includes a multiblade fan (3) and a scroll casing (4) accommodating the multiblade fan (3) therein. The scroll casing (4) has two side walls (13) opposed to each other, a curved peripheral wall (12a, 12b), and a tongue (9) continuous with the curved peripheral wall (12a, 12b). The scroll casing (4) also has an intake opening defined in one of the two opposed side walls (13) and a discharge opening (8) delimited by the two side walls (13), the curved peripheral wall (12a, 12b), and the tongue (9). The curved peripheral wall (12a, 12b) has a first peripheral wall (12a) continuous with the tongue (9) and a second peripheral wall (12b) formed on a downstream side of the first peripheral wall (12a) with respect to the direction of travel of air so as to be continuous with the first peripheral wall (12a). The first peripheral wall (12a) is concentric with the multiblade fan (3) and has a constant radius of curvature, while the second peripheral wall (12b) has an expansion angle such that a distance (L) between a center (11) of the multiblade fan (3) and the second peripheral wall (12b) increases towards the discharge opening (8).

Fig. 1





## EUROPEAN SEARCH REPORT

Application Number  
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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	
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X	FR 2 534 981 A1 (ROEHR WERNER DR KG [DE]) 27 April 1984 (1984-04-27) * page 1, line 20 - line 24 * * page 2, line 25 - line 34; figure 1 *	1	TECHNICAL FIELDS SEARCHED (IPC)
			F04D
The present search report has been drawn up for all claims			
3	Place of search Munich	Date of completion of the search 12 February 2010	Examiner Di Giorgio, F
<b>CATEGORY OF CITED DOCUMENTS</b> <p>     X : particularly relevant if taken alone      Y : particularly relevant if combined with another document of the same category      A : technological background      C : 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      .....      &amp; : member of the same patent family, corresponding document   </p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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