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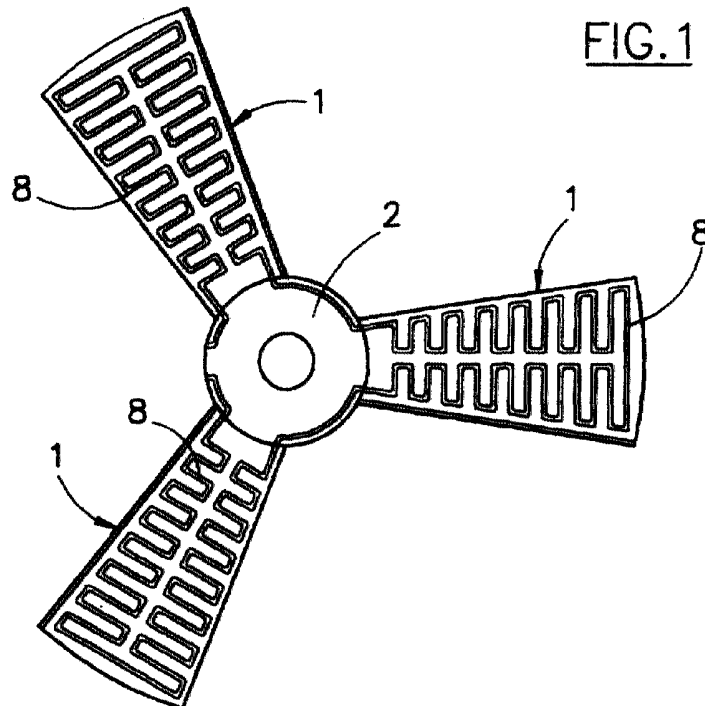
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(54) **Electrically heated fan**

(57) A series of fans for hot air conveyors with rotating fan has the common characteristics to have blades (1; 16; 33) with resistive electric paths (8; 16; 34) that are electrically supplied in order to generate by them-

selves heat for the heating of the conveyed air. The resistive electric paths can be made of resistors (8; 34) that are applied to the blades (1; 33) or else they can be defined by the same blades (16), made of electrically conductive material.



**FIG. 1**



European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 99 20 1581

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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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X	US 1 737 912 A (BOGARD FRANK T) 3 December 1929 (1929-12-03) * page 1, line 8-10,21 * * page 1, line 84-100 * * page 2, line 1-7 * * page 2, line 15-17,88 *	1,2,5	
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E	WO 99 49700 A (THERMO & BULL) 30 September 1999 (1999-09-30) * claims 1,2,5,6 *	1,2,5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F24H
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 24 April 2002	Examiner García Moncayo, O
CATEGORY OF CITED DOCUMENTS		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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82