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(54) **A composite fan rotor for a tangential fan**

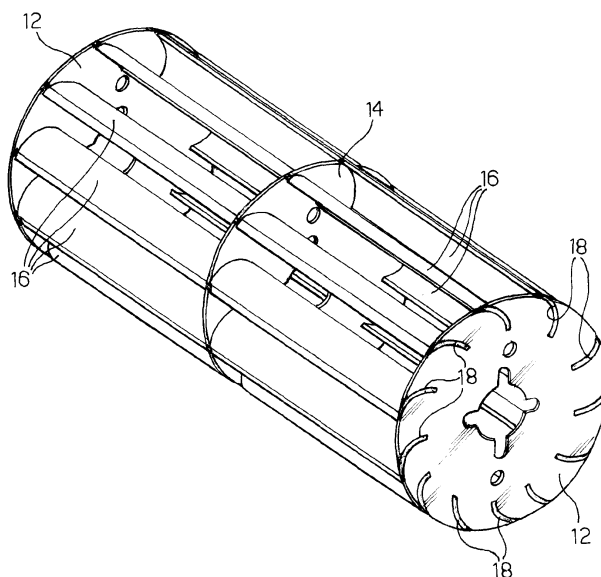
(57) A fan rotor, in particular for a tangential fan, comprises

two transverse terminal elements (12), substantially perpendicular to the axis of rotation of the rotor;
a plurality of longitudinal blades (16) arranged circumferentially about the axis of rotation of the fan rotor,

parallel both to each other and to the axis, and which extend longitudinally between the transverse terminal elements (12); and in which

the transverse terminal elements (12) are made of metal and the blades (16) are moulded of a plastics material and fixed to the periphery of the transverse terminal elements (12).

FIG. 2





EUROPEAN SEARCH REPORT

Application Number
EP 05 10 6204

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 476 365 A (KOBAYASHI TAKAO [JP]) 19 December 1995 (1995-12-19) * the whole document * * column 2, line 34 - column 3, line 28 * -----	1-7	INV. F04D29/28 F04D29/02
A	JP 55 148998 A (AKAISHI MINEICHI) 19 November 1980 (1980-11-19) * abstract *	1	
A	US 3 536 416 A (GLUCKSMAN DOV Z) 27 October 1970 (1970-10-27) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F04D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 September 2009	Examiner Ingelbrecht, Peter
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
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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07-09-2009

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