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(54) **Axial air movement fans**

(57) An axial air movement fan comprises a hub (1) with a plurality of elongate fan blades (3) extending generally radially outwardly therefrom, each blade (3) including at least one damping mass (11) secured to the fan blade to enable the mass to oscillate relative to the fan blade (3) in response to oscillatory flexing of the fan blade in a first plane, thereby to damp the flexing of the fan blade.

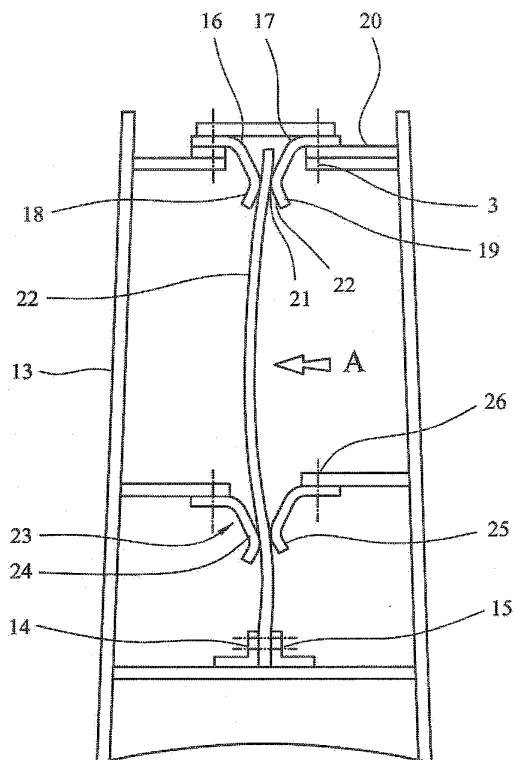


FIG. 3a



EUROPEAN SEARCH REPORT

Application Number
EP 11 07 5270

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 2 689 107 A (ODEGAARD EUGENE A) 14 September 1954 (1954-09-14) * figure 1 * * column 1, lines 1-4 * * column 2, lines 1-11 *	1-14	INV. F01D5/26 F03D11/00 F04D29/66 F04D19/00 F01D5/16 F04D29/38 F04D29/32
A	US 2 920 868 A (ACKERMAN SANFORD S ET AL) 12 January 1960 (1960-01-12) * figures 1,2 * * column 1, line 67 - column 2, line 29 *	1-14	
A	US 2008/085202 A1 (NAMIKI HIROTAKA [JP] ET AL) 10 April 2008 (2008-04-10) * paragraph [0184] * * figure 1 *	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			F04D F01D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 November 2016	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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 11 07 5270

5 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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15-11-2016

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