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- **Sweeney, Paul**
Rustington, West Sussex BN16 3LF (GB)
- **Herne, Stephen**
Rustington, West Sussex BN16 3LF (GB)
- **Kearsley, Paul Nicholas**
Littlehampton, West Sussex BN17 7LUF (GB)

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(74) Representative: **Gardiner, Stephen Robin et al**
Dehns
St Bride's House
10 Salisbury Square
London EC4Y 8JD (GB)

(71) Applicant: **Greenwood Air Management Limited**
Rustington Sussex BN16 3LF (GB)

(72) Inventors:
• **Rahimi, Darius**
Rustington, West Sussex BN16 3LF (GB)

(54) **Fan impeller**

(57) An impeller for a fan, comprising a hub and a plurality of blades extending from the hub, wherein each blade has a leading edge and a trailing edge and wherein each blade has a first portion made from a rigid material and a second portion formed on the leading edge of the first portion and formed from a resilient material. The impeller increases the safety of the impeller by reducing the potential damage or injury caused by collision with the impeller. Consequently, a fan with such an impeller does not require a protective grill in order to meet safety regulations. The absence of a grill increases the efficiency of the fan and reduces the noise caused by turbulence as air passes through the grill. A method of making the impeller is also provided.

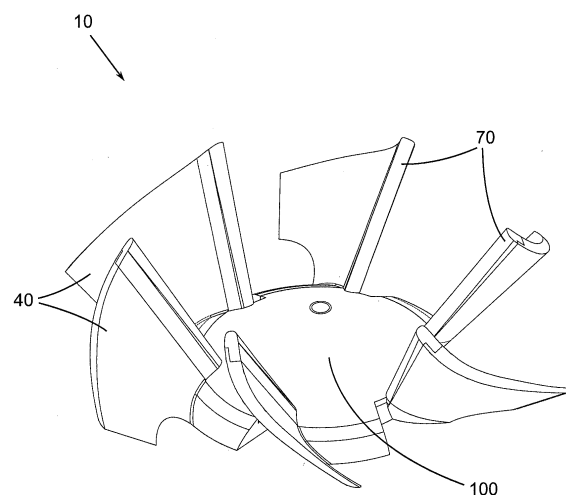


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
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			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 29 May 2015	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
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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