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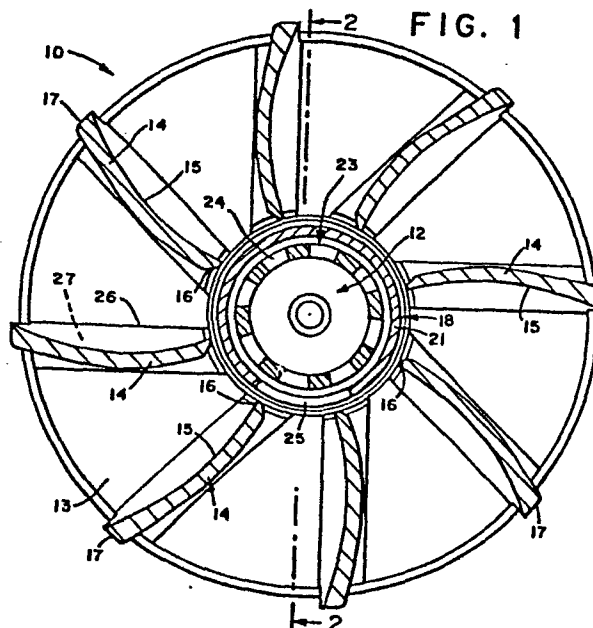
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54 **Flared vane for abrasive blasting wheel.**

57 An abrasive wheel assembly comprising a rotor (12), a runnerhead (13) concentrically mounted on the said rotor for rotation at a predetermined operating RPM, a plurality of spaced radially arranged abrasive particle throwing vanes (14), means detachably securing the said vanes to the face of the said runnerhead, impeller means (18) carried by the said rotor for feeding particulate abrasive material to the said vanes, characterised in that said vanes are provided with an abrasive throwing face (15) having space side portions (29,30) flared away from the abrasive receiving heel end portion (16) of the said vane to the discharge end thereof (17) at a flare angle in the range of from 2° to 7° is disclosed.

An abrasive particle throwing vane for use in a rotatable blasting wheel assembly, the said vane comprising a heel end portion spaced from a discharge end portion, a particle throwing face surface intermediate the said end portions, characterised in that the spaced sides of the said face flare away from the said heel end portion to the said discharge end of the said throwing face at a flare angle in the range of from 2° to 7° is also disclosed.





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# EUROPEAN SEARCH REPORT

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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 (Int. Cl.4)
A	BE-A- 861 175 (COCKERILL)  * Page 9; figure 4 * ---	1-5,7-10	B 24 C 5/06
A	DE-A-2 461 105 (ICHIKAWA)  * Claims; figures *  -----	1,5,6,7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 24 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-02-1986	Examiner ESCHBACH D.P.M.
<b>CATEGORY OF CITED DOCUMENTS</b>			
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			