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(54) **A mixer head**

(57) Mixer head (1) for a portable power-driven compulsory mixer (2), said mixer head (1) comprising a first end (3) remote from the mixer, a second end (4) near the mixer and an axis of rotation (5), the mixer head (1) further comprising mixing means arranged between the first end and the second end.

To provide a more efficient mixer head, the mixer head by rotation about the axis of rotation (5) defines a working space having the shape of a truncated cone with a diameter (d) at the first end (3) being smaller than a diameter (D) at the second end (4).

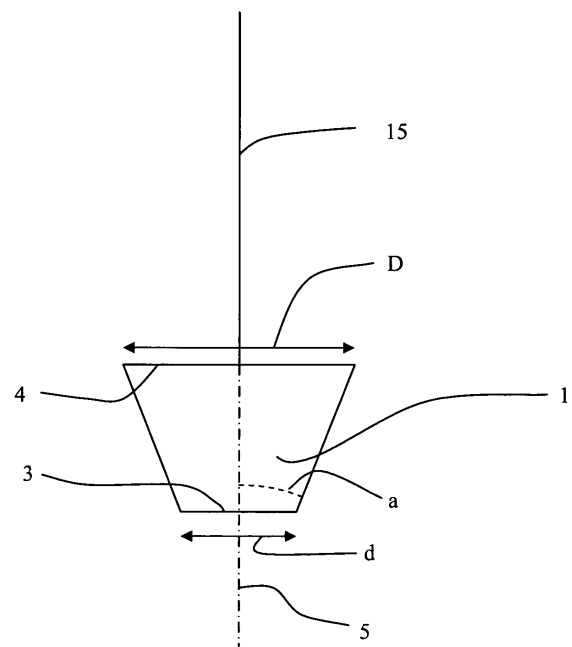


Fig. 3

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# EUROPEAN SEARCH REPORT

Application Number  
EP 05 38 8106

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 3 249 342 A (MIKKELSEN LAURITS A) 3 May 1966 (1966-05-03)	1,3-8	INV. B01F13/00 B01F15/00 B28C5/08
A	* column 2, line 12 - line 35 * * figures 1-4 *	2	
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X	US 5 865 539 A (ROGERS ET AL) 2 February 1999 (1999-02-02)	1,2,5-8	
A	* column 5, line 34 - line 57 * * figure 5 *	3,4	
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X	US 3 185 451 A (SNYDER JOSEPH A) 25 May 1965 (1965-05-25)	1,3-5,8	
A	* column 1, line 8 - line 19 * * column 2, line 48 - column 3, line 3 * * column 4, line 23 - line 35 * * column 4, line 57 - line 69 * * figures *	2,6,7	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)  B01F B28C
Place of search <b>The Hague</b>		Date of completion of the search <b>16 May 2006</b>	Examiner <b>Real Cabrera, R</b>
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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16-05-2006

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82