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(54) Magnetic stirring apparatus and method.

(57) A magnetic stirring apparatus is disclosed which is capable of suspending solids in a liquid medium. The apparatus comprises a vessel (22) for containing fluids and solids, a magnetic impeller (10) and a means (26) for rotating the magnetic impeller.

The impeller comprises a chamber (12) which is buoyant with respect to the fluid (24) contained by the vessel (22) and a magnet (14) placed within the buoyancy chamber (12) thereby forming a buoyant magnetic impeller.

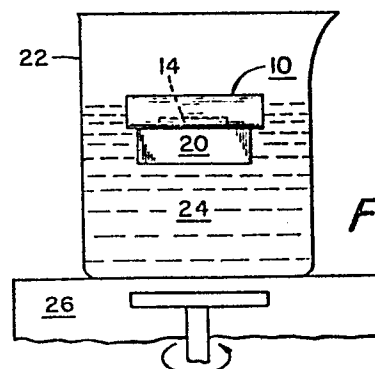


Fig. 5

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EUROPEAN SEARCH REPORT

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Application number

EP 84 30 1536

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. ³)
E	EP-A-0 105 574 (TECHNE) * Whole document * ---	1-4	B 01 F 13/08 C 12 M 1/02
X	DE-A-2 444 328 (GRUHN) * Page 4, paragraph 2; figure 6 * ---	1-4	
X	FR-A-2 449 473 (JEANMOUGIN) * Page 3; figures * ---	1-4	
A	US-A-4 162 855 (BENDER) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			B 01 F A 47 J C 12 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-03-1986	Examiner PEETERS S.
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	