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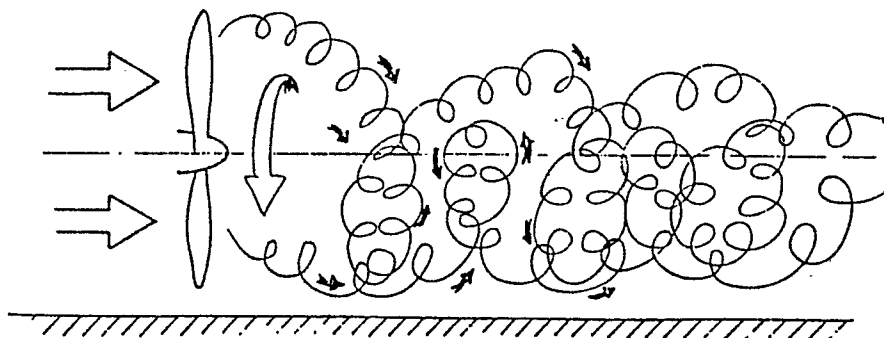
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54 **A method for mixing liquids.**

57 Method for mixing liquids by help of a propeller having a diameter which is at least 40% of the liquid depth of the tank and where the thrust centre of the propeller blades are displaced to a radius of 65-75% of the total radius of the blade from the propeller centre.

The liquid is rotated around the centre axis of the tank and simultaneously being turned around a ring formed axis in a

plane perpendicular to the centre axis in such a way that the liquid flows upwards in the centre of the tank and outwards at the surface, inclined downwards at the periphery of the tank and inwards at the bottom, that is a toroid formed spiral movement, having an upward centre flow filling the tank, or alternatively a counter directed flow, that is a toroid formed spiral movement, having a downward centre flow.



FIGUR 5



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 <sup>3</sup> )
A	GB-A-2 058 597 (VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA) * claim 1; page 1, lines 45-55; figures 1, 2 *	1-4	B 01 F 7/02 B 01 F 7/06 B 01 F 5/10
A	--- US-A-2 089 642 (F.L. CRADDOCK) * figures 3, 6, 8, 9 *	1	
A	--- US-A-3 887 169 (F.L. MAYNARD) * figure 6 *	1	
A	--- DE-C-1 021 335 (B. GORT) * positions 11, 19 *	2	
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			TECHNICAL FIELDS SEARCHED (Int Cl <sup>3</sup> )
			B 01 F 3/04 B 01 F 3/08 B 01 F 3/12 B 01 F 5/10 B 01 F 7/00 B 01 F 7/02 B 01 F 7/04 B 01 F 7/06 B 01 F 7/22 B 01 F 13/04 B 01 F 15/00 C 02 F 3/12 C 02 F 3/18
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 08-08-1986	Examiner KUEHN P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			