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- Surge drum adapted for damping of sinusoidal variations in the feed concentration.
- (g) The present invention is directed toward the dampening of concentration variations in fluid streams, especially concentration variations that are substantially sinusoidal, by subjecting such streams to a plurality of backmixing steps whereby such concentration variations are reduced.

In one embodiment of the present invention, there is provided a surge drum (10) that is divided into a predetermined number of mixing stages (14,15,16,17), each of which is provided with means (18,19, 20,21) to create a fluid jet stream at substantially the inlet of the mixing stage and baffle means (21,22,23,24) positioned with respect to the respective inlet jet (12,18,19,20) for reversing the flow of the jet.

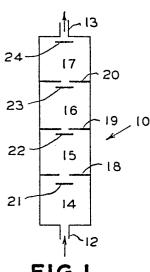


FIG.



## EUROPEAN SEARCH REPORT

EP 88 31 0383

Category	Citation of document with of relevant p	indication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Х	US-A-2 567 998 (G * Whole document *	<del></del>	1,2,4-6	B 01 F 3/08 B 01 F 3/04
A	US-A-3 526 391 (C * Abstract; figure	HURCH) s *	1,2,4,6 -8	B 01 F 3/04
A	GB-A-2 077 124 (C * Figures 10-12 *	OLE)	1	
Α	FR-A- 644 638 (S	TEINHARDT)		
Α	GB-A- 350 716 (M	OORE)		
A	NL-C- 45 004 (B	ILDERBEEK)		
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims  Place of search  Date of completion of the search			Examiner	
THE HÄGUE		28-08-1989	I	ERS S.
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