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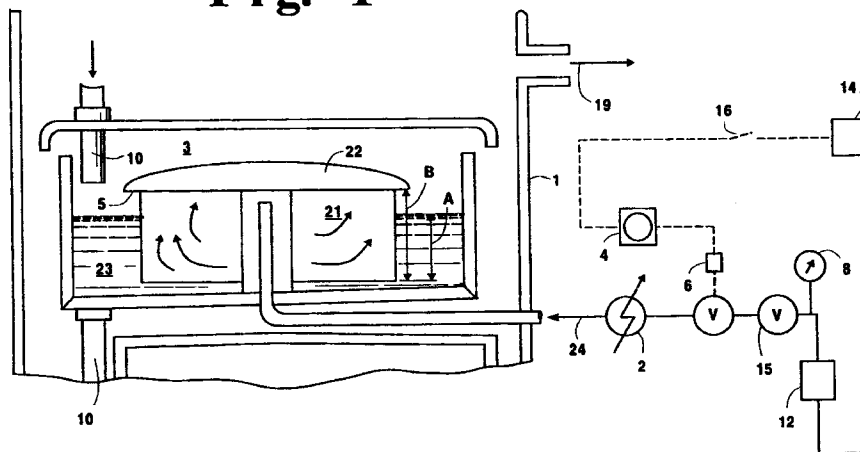
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(54) Pulsation flow to optimize nitrogen consumption

(57) The present invention comprises a process for reducing the quantity of inert gas required to deodorize crude edible oil in a deodorizer, facilitated by intermittently supplying an inert gas, to produce edible quality oil.

In a preferred embodiment, the amount of inert stripping gas required for deodorization is minimized, while still accomplishing both the operation of gas lift umbrella trays in the stripping section of the deodorizer and effective removal of impurities from the edible oil.

Fig. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 96 11 4524

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.6)
D,A	US 5 241 092 A (CHENG ALAN T Y ET AL) * claim 1 *	1	C11B3/14
A	DD 102 406 A (CUKROPROJEKT) * page 5, paragraph 2 * * page 8, paragraph 1 *	1	
A	US 4 665 027 A (DALE M CLARK ET AL) * column 13, line 15 - line 24 *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C11B
Place of search	Date of completion of the search	Examiner	
THE HAGUE	3 October 1997	Dekeirel, M	
CATEGORY OF CITED DOCUMENTS		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	
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		& : member of the same patent family, corresponding document	

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