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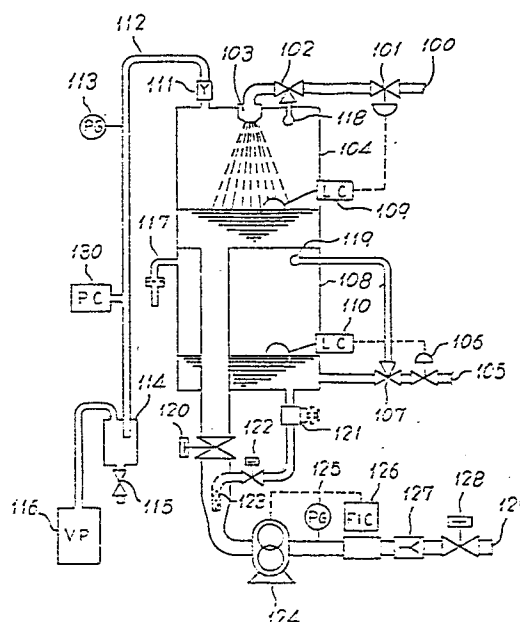
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54 **Method and apparatus for mixing liquid.**

57 The present invention relates to a method and apparatus for mixing two kinds of liquid in a predetermined ratio and more particularly to a method and apparatus for mixing liquid by using a constant volume pump. A first liquid and a second liquid are stored in tanks (104, 108) and maintained to a predetermined pressure, respectively. The first and second liquids are supplied to a suction side or an inlet of the constant volume pump (124) and the second liquid supplied to the pump is measured by a measuring means (121) to adjust it to a predetermined amount so that the first and second liquids are mixed in the predetermined ratio. The method is suitable for mixture of beverages and for this purpose includes a method of evacuating the tank (104) for the first liquid to eliminate oxygen contained in the first liquid. Further, the method includes a method of supplying absorption gas to the first tank (104) with pressure in order to simultaneously perform the evacuation of oxygen from the first liquid and the absorption of gas.





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EUROPEAN SEARCH REPORT

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Application number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85730011.5
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl 4)
X	DE - A - 1 692 739 (NOLL MASCHINEN- FABRIK GMBH) * Claims; fig. * --	1,5	B 01 F 15/04 B 01 F 3/08 B 01 F 3/04 B 01 F 13/06
X	DE - A1 - 3 213 554 (FMC CORP.) * Claims; fig. * --	1,5	B 67 D 5/56
X	DE - A1 - 3 148 859 (VEB KOMBINAT NAGEMA) * Claims; fig. * ----	1,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl 4)
			B 01 F B 67 C B 67 D
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 27-08-1987	Examiner PAMMINGER
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	