

Title (en)

Method and apparatus for mixing liquid.

Title (de)

Verfahren und Vorrichtung zum Mischen einer Flüssigkeit.

Title (fr)

Procédé et dispositif pour mélanger du liquide.

Publication

EP 0153271 A2 19850828 (EN)

Application

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Priority

- JP 1465984 A 19840130
- JP 2770184 A 19840216

Abstract (en)

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 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 and the second liquid supplied to the pump is measured by a measuring means 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 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 with pressure in order to simultaneously perform the evacuation of oxygen from the first liquid and the absorption of gas.

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