

Title (en)

METHOD AND APPARATUS FOR PREPARING LIQUID MIXTURES

Publication

EP 0105842 B1 19860409 (DE)

Application

EP 83810438 A 19830928

Priority

- GB 8228310 A 19821004
- GB 8310702 A 19830420

Abstract (en)

[origin: US4506986A] Liquid mixtures are prepared in first and second containers (3 and 4). The first container (3) has an outlet (6) spaced from the bottom of the container and communicating with an inlet (7) to the second container (4). A measured amount of first liquid is poured into the first container and fills the latter to the height (h1) of the outlet, the remainder flowing under gravity into the second container, whereby the first liquid is distributed between the first and second containers in proportions dependant upon the height (h1) of the outlet (6) and the basal areas of the two containers. A hollow tubular extension (15) is then fitted with one of its ends to said outlet and at the other end has mixture-preventing means (18) for receiving a flow of second liquid and defining an overflow outlet (16) spaced above the outlet (6). The second liquid is introduced into the mixture-preventing means and flows firstly into the first container to fill the latter to the level of the overflow outlet (16) and then flows through said overflow outlet into the second container to fill the latter to a desired level. Thereby mixtures of said first and second liquids are formed in said first and second containers and may be of the same of different strengths. The method and apparatus described are particularly suitable for forming dilute solutions of concentrated liquids such as may be used in photographic developing and fixing, since an operator does not have to measure out quantities of possibly corrosive or hazardous liquids.

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G03D 3/06

IPC 8 full level

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CPC (source: EP US)

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Cited by

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