

Title (en)

SYSTEMS AND METHODS FOR MIXING AND DISPENSING LIQUID MIXTURES

Title (de)

SYSTEME UND VERFAHREN ZUM MISCHEN UND ABGEBEN VON FLÜSSIGKEITSGEMISCHEN

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR MÉLANGER ET DISTRIBUER DES MÉLANGES LIQUIDES

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Application

EP 22702831 A 20220113

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Abstract (en)

[origin: WO2022169574A1] Fluid dispensing system wherein two or more solvent reservoirs 10, 13 containing respective solvents are fluidly connected to two or more mixing channels 11. Two or more ingredient reservoirs 6 are also fluidly connected to the mixing channels 11 wherein mixing with a solvent takes place to form partial mixtures. The mixing channels 11 are in fluid communication with a mixing chamber 7 where mixing of the the partial mixtures takes place, to form the final fluid mixture, which flows to a dispenser from where it is dispensed. A controller is programmed to receive a request for a fluid mixture, and, in response control the system to: mix, in the mixing channels to form an intermediate fluid mixture, a respective predetermined amount of solvent from each of the particular solvent reservoirs and a respective predetermined amount of the ingredients from some of the ingredient reservoirs; flow, to the mixing chamber and then to the dispenser, the intermediate fluid mixture; and dispense the requested fluid mixture (including the intermediate fluid mixture) via the dispenser.

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See references of WO 2022169574A1

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