

Title (en)

MEMBRANE FOR RESERVOIR SEALS IN FLUID MIXTURE DISPENSING SYSTEM

Title (de)

MEMBRAN FÜR RESERVOIRDICHTUNGEN IN EINEM FLÜSSIGKEITSGEMISCHABGABESYSTEM

Title (fr)

MEMBRANE POUR JOINTS DE RÉSERVOIR DANS UN SYSTÈME DE DISTRIBUTION DE MÉLANGE DE FLUIDES

Publication

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Application

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Abstract (en)

[origin: WO2022169540A1] A fluid mixture dispensing system with a pressurised ingredient cartridge (5, 16) comprising multiple reservoirs (6, 6A, 6B), each containing a respective ingredient. The reservoirs are coupled to respective orifices (15) in a plate (40). The respective ingredients are dispensable via the respective orifices. A single membrane (30) selectively seals a plurality of said orifices. The ingredients are dispensed into one or more channels formed between the membrane and the plate. In specific embodiments, the cartridge includes an inlet and an outlet. A diluent flows from the inlet to the outlet through the one or more channels, and the ingredients are dispensed into the solvent in the one or more channels.

IPC 8 full level

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