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(54) Title: PHOSPHATE FLUOROSURFACTANTS FOR USE IN CARBON DIOXIDE

(57) Abstract: A method of removing water from a composition of matter comprises contacting a first composition of matter comprising water with a second composition of matter comprising: (1) at least one surfactant comprising at least one phosphate group and (2) a solvent comprising carbon dioxide, wherein at least a portion of the surfactant is soluble in the solvent, such that the at least one surfactant removes at least a portion of the water from the first composition