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(54) Title: PROCESS FOR POLYMERIZING FLUOROMONOMERS USING A COMBINATION OF FLUORINATED AND NON-FLUORINATED SURFACTANT

(57) Abstract: The present invention discloses a process for polymerizing fluoromonomers in an aqueous medium to form a fluoropolymer, said process comprising the steps of: (a) forming an aqueous solution comprising a first surfactant combination of at least one fluorinated surfactant and at least one non-10 fluorinated surfactant in a polymerization reactor; (b) pressurizing the polymerization reactor with said fluoromonomers; (c) initiating a polymerization reaction of said fluoromonomers to form said fluoropolymer; (d) propagation of said polymerization reaction, wherein a second surfactant combination of at least one fluorinated surfactant and at least one non-fluorinated surfactant is 15 metered or one shot dosed into the polymerization reactor; and (e) termination of said polymerization reaction after consumption of a desired quantity of said fluoromonomers.



WO 2021/229530 A1