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(54) Title: POLYMER PRODUCT AND INTERFACIAL POLYMERISATION PROCESS USING RAFT AGENT

(57) Abstract: The invention provides a method of polymerising monomer to form polymer at the surface of solid particulate material, said method comprising: providing a dispersion of said solid particulate material in a continuous hydrophilic liquid phase, said dispersion comprising a hydrophilic RAFT agent as a stabiliser for said solid particulate material, and said continuous hydrophilic liquid phase comprising one or more ethylenically unsaturated monomers; and polymerising said one or more ethylenically unsaturated monomers under the control of said hydrophilic RAFT agent to thereby form polymer at the surface of said solid particulate material.



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