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(54) Title: **GRAFT COPOLYMERS**

(57) Abstract: A process for the production of a graft copolymer comprises reacting an irradiated polymer in a reaction mixture comprising a first phase and a second phase. The first phase comprises a source of at least one non-water soluble monomer and the second phase comprises water and optionally, a water miscible organic solvent. The first and second phases are substantially immiscible and non-emulsifiable. A high degree of monomer conversion is achieved.

WO 02/36648 A1

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