

Title (en)
HETEROGENEOUS POLYMERIZATIONS IN CARBON DIOXIDE

Title (de)
HETEROGENE POLYMERISATION IN KOHLENDIOXID

Title (fr)
POLYMERISATION HETEROGENE DANS LE CO 2?

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Abstract (en)
[origin: WO9714720A2] A method for the polymerization of a monomer is disclosed. The method includes (a) providing a reaction mixture comprising a monomer, a stabilizer precursor, and a polymerization initiator in a polymerization medium comprising carbon dioxide; and then (b) polymerizing the monomer and the stabilizer precursor in the polymerization medium to form a heterogeneous reaction mixture comprising a polymer in the polymerization medium. The stabilizer precursor is covalently bound to the polymer to provide an intrinsic surfactant in the polymer, which stabilizes the polymer in the heterogeneous reaction mixture.

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