

A B S T R A C T

PREPARATION OF POLYMERS

Process for the preparation of linear polymers of carbon monoxide with one or more olefinically unsaturated compounds, in which polymers the units originating from carbon monoxide and the units originating from the olefinically unsaturated compounds occur in a substantially alternating order, comprising contacting the monomers at elevated temperature and pressure with a solution of a suitable catalyst, in the presence of a liquid, non-polymerizable diluent at least consisting of one or more lower aliphatic alcohols and water. Such polymers having an alcohol content below 4000 ppmw, are novel compounds.