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(54) Title: POLYETHER POLYMERIZATION PROCESS

(57) Abstract: Alkylene oxides are polymerized in the presence of a catalyst system that includes a double metal cyanide catalyst. At least one additive is present. The additive is an alkali metal, ammonium or quaternary ammonium salt of a monocarboxylic acid having up to 24 carbon atoms; monobasic potassium phosphate, a monobasic ammonium or quaternary ammonium phosphate, a dibasic ammonium and quaternary ammonium phosphate or phosphoric acid.