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(54) Title: CATALYST COMPOSITION AND PROCESS THEREWITH

(57) Abstract: A composition that can be used as a catalyst is disclosed. The composition comprises, or is produced by combining, a titanium compound, a glycol, a phosphorus compound, and optionally water. Also disclosed is a process that can be used for producing a polyester. The process comprises contacting, in the presence of a catalyst composition, a carbonyl compound and an alcohol under a condition suitable for esterification, transesterification, or polymerization. The catalyst composition comprises, or is produced by combining, a titanium compound, a glycol, a phosphorus compound, and optionally water.