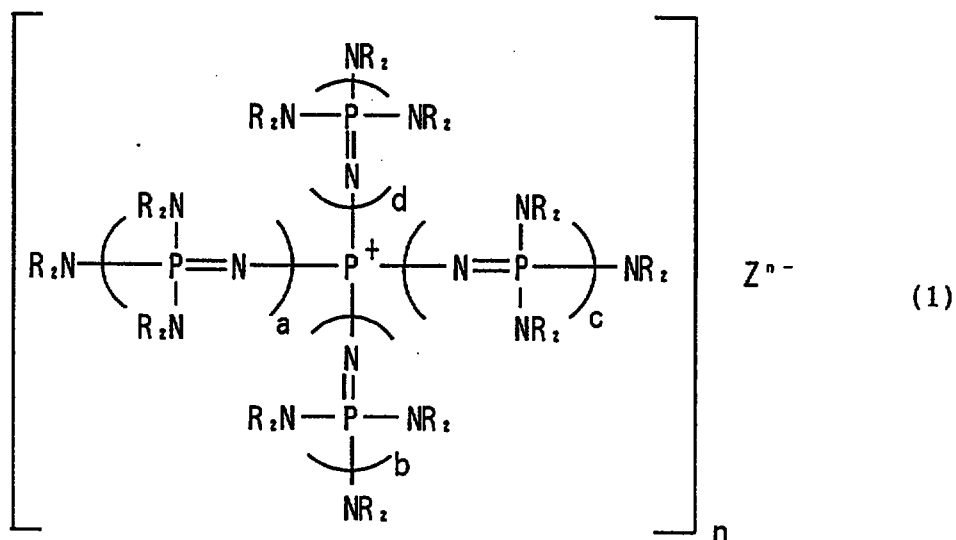


PREPARATION PROCESS OF POLYMER

Abstract of the Disclosure

A preparation process of a polymer comprising conducting ring-opening polymerization of a 4- to 10-membered ring-opening polymerizable cyclic monomer in the presence of a phosphazanium salt of an active hydrogen compound represented by the chemical formula (1) :



wherein n is an integer of 1 to 8 and indicates the number of phosphazanium cations, Z^{n-} is an anion of a n-valent active hydrogen compound derived by releasing n protons from an active hydrogen compound having a maximum of 8 active hydrogen atoms, a, b, c and d are individually a positive integer or 0 and are not all 0 at the same time, R's are the same or different hydrocarbons having 1 to 10 carbon atoms, and two R's located on each common nitrogen atom may be coupled together to form a ring structure ; or in the presence of the phosphazanium salt of the active hydrogen compound and the active hydrogen compound is disclosed.

The process of the invention can prepare polymer by ring-opening polymerization of a 4- to 10-membered ring-opening polymerizable cyclic monomer in the presence of an initiator which causes no specific

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problem on preparation and handling, contains quite no metallic ingredient and has no residual odor.