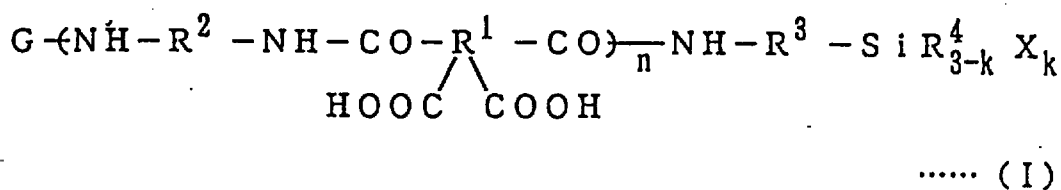


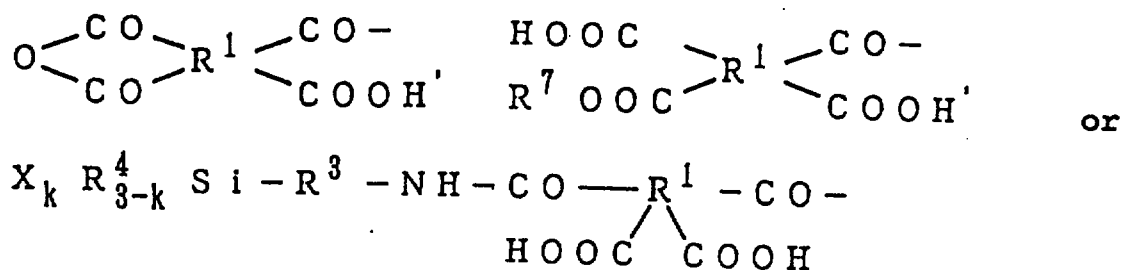
ABSTRACT

A silicon polyimide precursor composition comprises:

0.5 to 40% by weight of a silicon polyimide precursor having a logarithmic viscosity number (as herein defined) of 0.05 to 5 dl/g as measured at a concentration of 0.5 g/dl at $30 \pm 0.01^\circ\text{C}$ in a solvent, and having the formula:



(in which G is a hydrogen (except when n is 0) as a group



(in which R^1 is a tetravalent carbocyclic aromatic group, R^2 is a carbocyclic aromatic group, R^3 is a phenylene group, R^4 is a methyl or phenyl group, R^7 is a hydrogen atom or a C_1 - C_6 alkyl group, X is an alkoxy, acetoxy or hydroxyl group, n is 0 or greater, and k is from 2.5 to 3);

0.5 to 40% by weight of a condensate having a logarithmic viscosity number of 0.01 to 0.5 dl/g, of a silicon compound of the formula:



(in which R^4 and X have the meanings defined above and m is from 3.5 to 4); and

from 50 to 99%, by weight of a solvent.

In a modification, the compound of formula (I) has been imidized, e.g. by heating.

This Sheet Has Been Replaced

