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(54) Title: STABLE ALKENYL OR ALKYNYL-CONTAINING ORGANOSILICON PRECURSOR COMPOSITIONS

(57) Abstract: A method for producing an alkenyl or alkynyl-containing organosilicon precursor composition, the method comprising the steps of distilling at least once a composition comprising an alkenyl or alkynyl-containing organosilicon compound having the formula $R_nSiR^{1}_{4-n}$ wherein R is selected a linear or branched C_2 to C_6 alkenyl group, a linear or branched C_2 to C_6 alkynyl group; R^1 is selected from hydrogen, a linear or branched C_1 to C_{10} alkyl group, and a C_3 to C_{10} cyclic alkyl group; and n is a number selected from 1 to 4, wherein a distilled alkenyl or alkynyl-containing organosilicon precursor composition is produced after distilling; and packaging the distilled alkenyl or alkynyl-containing organosilicon precursor composition in a container, wherein the container permits transmission into the container of no more than 10% of ultraviolet and visible light having a wavelength of between 290 nm to 450 nm.