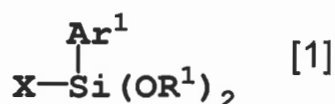


ABSTRACT

POLYMERIZABLE SILANE COMPOUND

There is provided a novel polymerizable silane compound that yields a cured product exhibiting a high refractive index and a low Abbe number and is used in a polymerizable composition suitable for preparing a molded article having higher transparency. A polymerizable silane compound of formula [1] and a polysiloxane being a polycondensation product of the polymerizable silane compound of formula [1]:



(wherein X is a phenyl group having at least one substituent having a polymerizable double bond, a naphthyl group having at least one substituent having a polymerizable double bond, a biphenyl group having at least one substituent having a polymerizable double bond, or a phenanthryl group having at least one group having a polymerizable double bond, Ar¹ is a condensed polycyclic hydrocarbon group (optionally substituted with a C₁₋₆ alkyl group), or a hydrocarbon ring assembly group in which two or more aromatic rings are directly bonded through a single bond (optionally substituted with a C₁₋₆ alkyl group), and R¹ is a methyl group, an ethyl group, or an isopropyl group).

(No drawing to be published)