

ABSTRACT OF THE INVENTION

There are provided a surface-treated infrared absorbing fine particle dispersion liquid in which surface-treated infrared absorbing fine particles with excellent moisture/heat resistance and excellent infrared absorbing properties are dispersed in a liquid medium, and are provided an infrared absorbing transparent substrate having a coating layer in which the surface-treated infrared absorbing fine particles are dispersed. This is a surface-treated infrared absorbing fine particle dispersion liquid in which surface treated infrared absorbing fine particles are dispersed in a liquid medium, wherein the surface-treated infrared absorbing fine particles are infrared absorbing fine particles, each surface of which is coated with a coating layer containing at least one selected from a hydrolysis product of a metal chelate compound, a polymer of the hydrolysis product of the metal chelate compound, a hydrolysis product of a metal cyclic oligomer compound, and a polymer of the hydrolysis product of the metal cyclic oligomer compound, and this is an infrared absorbing transparent substrate prepared using the surface-treated infrared absorbing fine particle dispersion liquid.

(Fig. 1)