

ABSTRACT

METHOD FOR PRODUCING DISPERSION OF MICROPARTICLES OF INORGANIC OXIDE IN ORGANIC SOLVENT

The invention provides a method for producing a dispersion of microparticles of an inorganic oxide in an organic solvent having excellent transparency which comprises mixing an alcohol dispersion of microparticles of inorganic oxide selected from zirconia and titania with a silane coupling agent in the presence of an acid and stirring the resulting mixture to surface-treat the microparticles of the inorganic oxide at a temperature within a range from -20 to 60°C ; and then replacing the alcohol by a lipophilic organic solvent.

No figure