

Title (en)

BRITTLE OXIDE SUBSTRATES STRENGTHENED BY CROSS-LINKABLE SILANES.

Title (de)

SPRÖDE OXIDSUBSTRATE DIE DURCH VERNETZTE SILANE VERSTÄRKT WERDEN.

Title (fr)

SUBSTRATS D'OXYDE CASSANTS RENFORCES PAR DES SILANES RETICULABLES.

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Application

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Abstract (en)

[origin: WO9500259A2] A method is described for strengthening or restoring strength to a brittle oxide substrate which includes the steps of coating the brittle oxide substrate with an aqueous solution containing a silane-based composition, and curing the coating to form a transparent layer on the brittle oxide substrate. Also disclosed are novel compositions used to coat brittle oxide substrates, and silane-coated brittle oxide containers.

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