

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.

Publication

**EP 0655953 A1 19950607 (EN)**

Application

**EP 94921992 A 19940621**

Priority

- US 7881193 A 19930621
- US 9407034 W 19940621

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.

IPC 1-7

**B05D 3/02**

IPC 8 full level

**B05D 5/00** (2006.01); **B05D 7/00** (2006.01); **B05D 7/24** (2006.01); **B32B 9/00** (2006.01); **B32B 17/10** (2006.01); **C03C 17/30** (2006.01); **C09D 183/00** (2006.01); **C09D 183/04** (2006.01)

CPC (source: EP KR)

**B05D 3/02** (2013.01 - KR); **C03C 17/30** (2013.01 - EP KR)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9500259 A2 19950105; WO 9500259 A3 19950209**; AU 687082 B2 19980219; AU 7249394 A 19950117; BR 9405431 A 19990908; CA 2142904 A1 19950105; CN 1113075 A 19951206; CO 4410239 A1 19970109; CZ 45995 A3 19951213; EP 0655953 A1 19950607; EP 0655953 A4 19960904; HU 214504 B 19980330; HU 9500502 D0 19950428; HU T72234 A 19960429; JP H08500771 A 19960130; KR 950702877 A 19950823; LV 10933 A 19951220; LV 10933 B 19960820; MY 111521 A 20000731; PE 56294 A1 19950117; PL 178796 B1 20000630; PL 307564 A1 19950529; RU 95106612 A 19970120; SK 75694 A3 19950711; TW 340134 B 19980911; UY 23792 A1 19941220

DOCDB simple family (application)

**US 9407034 W 19940621**; AU 7249394 A 19940621; BR 9405431 A 19940621; CA 2142904 A 19940621; CN 94190546 A 19940621; CO 94026880 A 19940621; CZ 45995 A 19940621; EP 94921992 A 19940621; HU 9500502 A 19940621; JP 50306394 A 19940621; KR 19950700660 A 19950221; LV 950035 A 19950221; MY PI19941600 A 19940621; PE 24495594 A 19940621; PL 30756494 A 19940621; RU 95106612 A 19950220; SK 75694 A 19940621; TW 83106470 A 19940715; UY 23792 A 19940621