

Title (en)

VITREOUS SURFACE AND COATING PROCESS THEREFOR

Title (de)

GLASOBERFLÄCHE UND BESCHICHTUNGSVERFAHREN DAFÜR

Title (fr)

SURFACE VITREUSE ET PROCEDE DE REVETEMENT

Publication

EP 1098716 A1 20010516 (EN)

Application

EP 99924593 A 19990602

Priority

- AU 9900425 W 19990602
- AU PP386298 A 19980603

Abstract (en)

[origin: WO9962645A1] The invention discloses a method for creating a decorative coating on vitreous surfaces, notably on bottles. The process involves the removal of any existing slip coating using an ammonium bifluoride solution, rinsing and drying the objects concerned. The coating is a polyurethane coating applied as a vapour curable liquid pre-polymer. The resultant coating exhibits improved adhesion and resistance to scratching and decorative finishes can be incorporated into the coating.

IPC 1-7

B05D 3/10; B05D 5/04; B08B 3/08; B44C 1/22

IPC 8 full level

B05D 3/10 (2006.01); **B05D 7/00** (2006.01); **B08B 3/08** (2006.01); **C03C 17/00** (2006.01); **C03C 17/32** (2006.01); **C03C 23/00** (2006.01); **C11D 7/10** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)

B08B 3/08 (2013.01); **C03C 17/005** (2013.01); **C03C 17/32** (2013.01); **C11D 7/10** (2013.01); **C03C 2218/31** (2013.01); **C11D 2111/18** (2024.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9962645 A1 19991209; AU PP386298 A0 19980625; CN 1304339 A 20010718; EP 1098716 A1 20010516; JP 2002516807 A 20020611; NZ 508338 A 20021025; ZA 200006864 B 20010904

DOCDB simple family (application)

AU 9900425 W 19990602; AU PP386298 A 19980603; CN 99806974 A 19990602; EP 99924593 A 19990602; JP 2000551894 A 19990602; NZ 50833899 A 19990602; ZA 200006864 A 20001123