

Title (en)  
SURFACE PRE-TREATMENT FOR THE REMOVAL OF GRAFFITI THEREFROM.

Title (de)  
OBERFLÄCHENVORBEHANDLUNG ZUR ENTFERNUNG VON GRAFFITI.

Title (fr)  
PRETRAITEMENT DE SURFACE FACILITANT L'EFFACEMENT DES GRAFFITI.

Publication  
**EP 0640113 A4 19960313 (EN)**

Application  
**EP 93910936 A 19930430**

Priority  
• US 9304075 W 19930430  
• US 87784092 A 19920501

Abstract (en)  
[origin: WO9322372A1] A system for protecting surfaces and facilitating the removal of unwanted substances therefrom is disclosed, the system including a polymeric coating having a low volatile organics content (VOC) which is safe for the environment, and a cleaner for application to the coating to remove material from the coating, such as graffiti. The coating may be either a water-based epoxy comprising a bisphenol A resin and polyamide resin, or an aliphatic urethane comprising a polymer having reactive sites which react with an isocyanate and an aliphatic isocyanate. The cleaner is suitable for removing all manner of epoxy and urethane based spray paints, indelible inks, industrial chemicals, and the like. The cleaner comprises N-methyl pyrrolidone in a concentration of fifty percent by weight or greater and a surfactant.

IPC 1-7  
**C08K 3/20; C08K 5/3415**

IPC 8 full level  
**B05D 5/00** (2006.01); **B05D 7/00** (2006.01); **C08G 18/42** (2006.01); **C09D 9/04** (2006.01); **C09D 163/00** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP)  
**B05D 5/00** (2013.01); **B05D 7/53** (2013.01); **C08G 18/42** (2013.01); **C09D 9/04** (2013.01); **C09D 163/00** (2013.01); **C09D 175/04** (2013.01)

Citation (search report)  
• [A] GB 2191501 A 19871216 - PROTECTIVE RESEARCH IND LIMITE  
• [A] WO 8808445 A1 19881103 - COROMAN IND INC [US]  
• See references of WO 9322372A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9322372 A1 19931111**; CA 2134780 A1 19931111; CA 2134780 C 20000620; EP 0640113 A1 19950301; EP 0640113 A4 19960313

DOCDB simple family (application)  
**US 9304075 W 19930430**; CA 2134780 A 19930430; EP 93910936 A 19930430