

Title (en)

ADHESION-ENHANCING COATINGS FOR OPTICALLY FUNCTIONAL COATING MATERIALS

Title (de)

BESCHICHTUNGEN ZUR VERBESSERUNG DER HAFTUNG VON OPTISCH FUNKTIONALEN BESCHICHTUNGSMATERIALIEN

Title (fr)

REVETEMENTS CONFERANT UNE ADHERENCE AMELIOREE A DES MATIERES DE REVETEMENT OPTIQUEMENT FONCTIONNELLES

Publication

EP 1051645 A1 20001115 (EN)

Application

EP 98925100 A 19980602

Priority

- US 9811135 W 19980602
- US 1399198 A 19980127

Abstract (en)

[origin: WO9938034A1] An adhesion-enhancing coating is provided that includes an organic matrix with inorganic oxide particles dispersed therein. The coating is formed from a precursor composition that includes a ceramer composition. A ceramer composition can include at least one ethylenically unsaturated monomer, an optional organofunctional silane monomer coupling agent, and inorganic colloidal particles that at least include silica. An alternative ceramer composition includes an organofunctional silane monomer coupling agent and inorganic colloidal particles that at least include silica.

IPC 1-7

G02B 1/11; **G02B 1/10**

IPC 8 full level

G02B 1/10 (2006.01); **B32B 27/20** (2006.01); **C08J 7/04** (2006.01); **C09D 4/00** (2006.01); **C09D 5/00** (2006.01); **C09D 7/12** (2006.01); **C09D 201/00** (2006.01); **G02B 1/11** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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