

Title (en)
COMPOSITE COATING

Title (de)
ÜBERZUG AUS EINEM COMPOSITMATERIAL

Title (fr)
REVETEMENT COMPOSITE

Publication
EP 1183300 A1 20020306 (EN)

Application
EP 00932609 A 20000519

Priority
• US 0013806 W 20000519
• US 13520399 P 19990521

Abstract (en)
[origin: WO0071605A1] A multi-component composite coating is provided which includes: (a) an elastomeric basecoat formed from a curable basecoat composition deposited upon a surface of a substrate; and (b) a topcoat applied over the basecoat, the topcoat being different from the basecoat and being formed from a curable topcoat composition comprising a polythioether material. The topcoat can have a higher tensile strength and percent elongation than the elastomeric basecoat such that when the composite coating is deformed, the basecoat can fracture before the topcoat to permit the topcoat to further deform while maintaining integrity of the topcoat. The composite coating is useful for inhibiting fuel leaks from an aerospace fuel storage container.

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C08G 75/00; **B32B 27/06**

IPC 8 full level
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CPC (source: EP KR US)
B05D 7/00 (2013.01 - KR); **B05D 7/54** (2013.01 - EP US); **C08J 7/04** (2013.01 - KR); **C08J 7/042** (2013.01 - EP); **C09D 7/40** (2017.12 - KR); **C09D 181/02** (2013.01 - EP KR); **C09D 181/04** (2013.01 - EP KR); **C08J 2363/00** (2013.01 - EP); **C08J 2400/26** (2013.01 - EP); **C08J 2481/02** (2013.01 - EP KR); **C08J 2481/04** (2013.01 - EP KR)

Citation (search report)
See references of WO 0071605A1

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