

Title (en)  
Coating method and absorption element

Title (de)  
Beschichtungsverfahren und Adsorberelement

Title (fr)  
Procédé de revêtement et élément d'adsorbeur

Publication  
**EP 2343133 B1 20151202 (DE)**

Application  
**EP 11000070 A 20110106**

Priority  
DE 102010004344 A 20100111

Abstract (en)  
[origin: EP2343133A1] The method involves applying a water-based hybrid paint (2) for formation of a corrosion protection layer on a metallic carrier element (1) i.e. aluminum substrate. The hybrid paint is pre-dried for achieving a partial cross-link. An absorbent layer (3) is applied as a suspension on pre-dried, partial cross linked paint. The paint and the adsorbent layer are thermally cured. The paint exhibits layer thickness that ranges from 5 to 10 micrometer, and the absorbent layer is made of silica gel and zeolite. The paint is utilized as a hybrid expoxi-or polyurethane paint.

IPC 8 full level  
**B05D 7/14** (2006.01); **B05D 7/16** (2006.01)

CPC (source: EP)  
**B05D 7/14** (2013.01); **B05D 7/16** (2013.01)

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