

Title (en)

CARBOXYL-FUNCTIONAL POLYESTER EPOXY RESIN POWDER COATINGS BASED ON 1,3-PROPANEDIOL

Title (de)

PULVERBESCHICHTUNGEN AUS CARBONSÄUREFUNKTIONELLEM POLYESTER-EPOXIDHARZ AUF BASIS VON 1,3-PROPANDIOL

Title (fr)

REVETEMENTS DE POUDRE DE RESINE D'EPOXY POLYESTER CARBOXY-FONCTIONNELLE A BASE DE PROPANEDIOL 1,3

Publication

EP 1268693 A2 20030102 (EN)

Application

EP 01919392 A 20010323

Priority

- EP 0103441 W 20010323
- US 19211100 P 20000324

Abstract (en)

[origin: WO0170893A2] A polyester powder coating composition formed by reacting: a) a polyester resin formed by reacting one or more aliphatic glycols and one or more polycarboxylic acids and/or anhydrides, wherein the aliphatic glycol is comprised of 5 to 90% 1,3-propanediol on a molar basis, in the presence of an esterification catalyst and then endcapping the polyester with an endcapping agent to ensure that the polyester has carboxyl chain ends; and b) an epoxy resin crosslinking agent.

IPC 1-7

C09D 167/00

IPC 8 full level

C09D 5/03 (2006.01); **C09D 163/02** (2006.01); **C09D 167/00** (2006.01); **C09D 167/02** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 0170893A2

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