

Title (en)  
OUTDOOR DURABLE COATING COMPOSITIONS AND ACID FUNCTIONAL POLYESTER RESINS AND POLYGLYCIDYL ESTERS THEREOF  
USABLE THEREFOR

Title (de)  
AUSSEN HALTBARE BESCHICHTUNGSMASSE UND SÄUREFUNKTIONELLE POLYESTERHARZE UND IHRE DAFÜR VERWENDBAREN  
POLYGLYCIDYLESTER

Title (fr)  
COMPOSITIONS DE REVETEMENT POUR L'EXTERIEUR, DURABLES, ET RESINES POLYESTER FONCTIONNELLES ET  
POLYGLYCIDYLESTERS DE CELLES-CI, UTILISABLES DANS CES COMPOSITIONS

Publication  
**EP 0961799 A1 19991208 (EN)**

Application  
**EP 98913606 A 19980220**

Priority  
• EP 98913606 A 19980220  
• EP 9801121 W 19980220  
• EP 97200520 A 19970221  
• EP 97305105 A 19970710

Abstract (en)  
[origin: CA2281750A1] A tertiary carboxyl functional polyester resin obtainable by reaction of: a) at least one aliphatic compound A comprising two aliphatic hydroxyl groups which may each independently be a primary or secondary hydroxyl group and a tertiary carboxyl group; b) optionally one or more hydroxyl compounds B, each compound comprising two aliphatic hydroxyl groups which may each independently be a primary or secondary hydroxyl group; c) at least one cycloaliphatic carboxylic acid compound C comprising two secondary aliphatic carboxyl groups or the anhydride thereof; d) optionally one or more dicarboxylic acid compounds D comprising two aliphatic carboxyl groups or the anhydride thereof; and e) optionally either one or more compounds E comprising one primary or secondary hydroxyl group and optionally a tertiary carboxyl group, or one or more monocarboxylic acid compounds (G) comprising a primary or secondary carboxyl group together with equivalent molecular amounts of one or more compounds (F) selected from the groups for A and B, the molar ratio of compounds (A+B):(C+D):E:F:G being (X-1):X:K:L:M, wherein X ranges from 2 to 14, K ranges from 0 to 2, L ranges from 0 to 2 and M ranges from 0 to the value of L. These polyester resins may be used together with a suitable curing agent for the production of powder coatings, or may be converted into the corresponding glycidylesters, which in combination with a suitable curing agent can be used for the production of powder coatings.

IPC 1-7  
**C08G 63/60**; **C08G 59/12**; **C09D 163/00**; **C09D 167/00**

IPC 8 full level  
**C08G 59/12** (2006.01); **C08G 63/60** (2006.01); **C08G 63/91** (2006.01); **C09D 163/00** (2006.01); **C09D 167/00** (2006.01)

CPC (source: EP US)  
**C08G 59/12** (2013.01 - EP US); **C08G 63/60** (2013.01 - EP); **C08G 63/91** (2013.01 - EP); **C09D 163/00** (2013.01 - EP);  
**Y10T 428/31786** (2015.04 - EP US)

Citation (search report)  
See references of WO 9837119A1

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

DOCDB simple family (publication)  
AU 6824698 A 19980909; AU 730241 B2 20010301; BR 9807705 A 20000502; CA 2281750 A1 19980827; EP 0961799 A1 19991208;  
NZ 336654 A 20000428

DOCDB simple family (application)  
AU 6824698 A 19980220; BR 9807705 A 19980220; CA 2281750 A 19980220; EP 98913606 A 19980220; NZ 33665498 A 19980220