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(21) International Application Number: PCT/EP98/01121 (22) International Filing Date: 20 February 1998 (20.02.98) (30) Priority Data: 97200520.1 ✓ 21 February 1997 (21.02.97) EP (34) Countries for which the regional or international application was filed: GB et al. 97305105.5 ✓ 10 July 1997 (10.07.97) EP (34) Countries for which the regional or international application was filed: GB et al. (71) Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). (72) Inventors: FRERIKS, Jan; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VAN GAALEN, Ronald, Petrus, Clemens; Badhuisweg 3, NL-1031 CM Amsterdam (NL). HITCHINGS, Gregory, John; Badhuisweg 3, NL-1031 CM Amsterdam (NL). KOOLJMAN, Petrus, Gerardus; Badhuisweg 3, NL-1031 CM Amsterdam (NL).		(81) Designated States: AU, BR, CA, CN, HU, ID, KR, NZ, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: OUTDOOR DURABLE COATING COMPOSITIONS AND ACID FUNCTIONAL POLYESTER RESINS AND POLYGLYCIDYL ESTERS THEREOF USABLE THEREFOR		
(57) Abstract 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.		