

Title (en)

EPOXY NOVOLAC RESINS HAVING REDUCED 2-FUNCTIONAL COMPONENTS AND A PROCESS FOR REDUCING 2-FUNCTIONAL COMPONENTS IN NOVOLAC RESINS.

Title (de)

EPOXY-NOVOLAC-HARZE MIT ERMÄSSIGTEN 2-FUNKTIONELLEN KOMPONENTEN UND VERFAHREN.

Title (fr)

RESINES NOVOLAC EPOXY POSSEDANT DES CONSTITUANTS A 2 FONCTIONS REDUITS ET UN PROCEDE POUR REDUIRE LES CONSTITUANTS A 2 FONCTIONS DANS LES RESINES NOVOLAC.

Publication

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Application

EP 86900916 A 19860113

Priority

US 69070285 A 19850111

Abstract (en)

[origin: WO8604075A1] Epoxy novolac resins having reduced 2-functional components and a process for reducing 2-functional components in novolac resin which may be used to prepare the epoxy novolac resins. When 2-functional and 3-functional components are present in an epoxy phenol-formaldehyde novolac resin, the weight ratio of the 2-functional component to the 3-functional component is less than 1.1:1. When 2-functional and 3-functional components are present in an epoxy cresol-formaldehyde novolac resin, the weight ratio of the 2-functional component to the 3-functional component is less than 0.5:1. The epoxy novolac resins of this invention when cured exhibit increased glass transition temperature. These resins are useful in the preparation of composites, molding, castings, coating, adhesives and laminates.

IPC 1-7

C08L 63/04; **C08L 61/06**

IPC 8 full level

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IPC 8 main group level

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CPC (source: EP)

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Citation (search report)

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- [A] FR 2369272 A1 19780526 - TEXACO DEVELOPMENT CORP [US]
- [A] FR 2200314 A1 19740419 - SIR SOC ITALIANA RESINE SPA [IT]
- [A] FR 1240463 A 19600902 - CIBA GEIGY
- [A] DE 1148077 B 19630502 - CIBA GEIGY
- [A] CHEMICAL ABSTRACTS, vol. 72, no. 26, 29th June 1970, page 28, abstract no. 133550n, Columbus, Ohio, US; & JP-B-45 003394 (SANYO CHEMICAL INDUSTRIES LTD) 04-02-1970
- See references of WO 8604075A1

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