

Title (en)

NITROGEN-CONTAINING EPOXY RESINS FOR PHOTOCURABLE COATING APPLICATIONS

Title (de)

STICKSTOFF ENTHALTENDE EPOXIDHARZE GEEIGNET FÜR PHOTOHÄRTBARE BESCHICHTUNGSZWECKE

Title (fr)

RESINES EPOXYDES CONTENANT DE L'AZOTE POUR APPLICATIONS COMME REVETEMENTS PHOTODURCISSABLES

Publication

EP 0977792 A1 20000209 (EN)

Application

EP 98918264 A 19980415

Priority

- GB 9708510 A 19970425
- US 9807610 W 19980415

Abstract (en)

[origin: WO9849214A1] Novel nitrogen-containing epoxy resin compositions suitable for photoimageable coating applications such as solder mask coating formulations are prepared by advancing an epoxy resin such as epoxy novolac resins with a nitrogen-containing compound such as diphenylmethane diisocyanate; then acrylating the advanced epoxy resin with an acrylation material such as acrylic acid, and then esterifying the advanced acrylated epoxy resin such as a novolac acrylate with an anhydride such as methylhexahydrophthalic anhydride.

IPC 1-7

C08G 59/14

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 9849214A1

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