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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08G 8/00		(11) International Publication Number: WO 96/06121
A1		(43) International Publication Date: 29 February 1996 (29.02.96)
(21) International Application Number: PCT/US95/09855		(81) Designated States: CN, JP, KR, SG European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
(22) International Filing Date: 3 August 1995 (03.08.95)		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> RIMP
(30) Priority Data: 08/294,453 23 August 1994 (23.08.94) US		
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(54) Title: METAL ION REDUCTION IN NOVOLAK RESIN SOLUTION USING AN ANION EXCHANGE RESIN		
(57) Abstract The present invention provides methods for producing water insoluble, aqueous alkali soluble novolak resins having a very low level of metals ions, utilizing a specially treated anion exchange resin. A method is also provided for producing photoresist composition having a very low level of metal ions from such novolak resins and for producing semiconductor devices using such photoresist compositions.		