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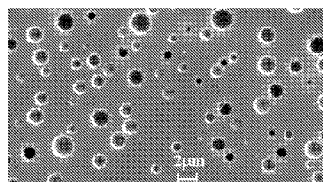
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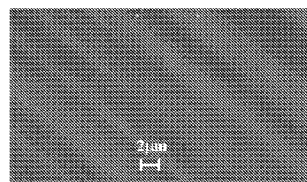
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(54) Title: EPOXYBENZYL-TERMINATED POLY(ARYLENE ETHER)S, METHOD FOR PREPARATION THEREOF, AND CURABLE COMPOSITIONS COMPRISING SAME



(a)



(b)

Fig. 1

(57) Abstract: An epoxybenzyl-terminated poly(arylene ether) has the structure R-W-R wherein W is a divalent poly(arylene ether) residue terminated with phenolic oxygen atoms, and R is an epoxybenzyl group, wherein each occurrence of R is the same or different. The epoxybenzyl terminated poly(arylene ether) is formed by reacting a peroxide-containing reagent with a vinylbenzyl-terminated poly(arylene ether). Also disclosed is a curable composition including the epoxybenzyl-terminated poly(arylene ether)s, a curing promoter, and, optionally, an auxiliary epoxy resin. The curable composition is useful for the preparation of composites, and in particular, composites used in manufacturing printed circuit boards.

