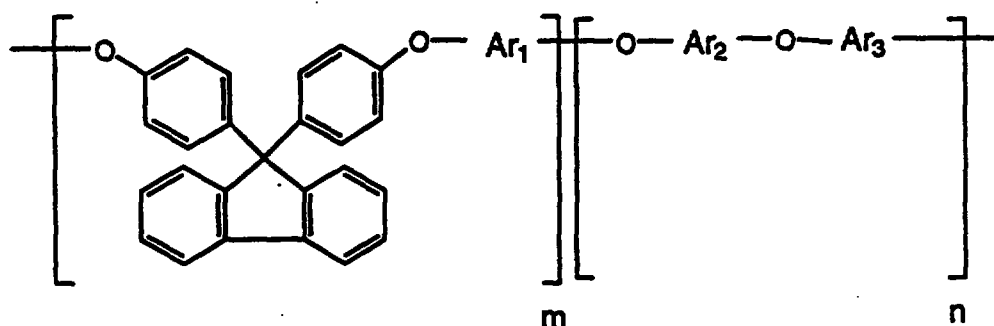


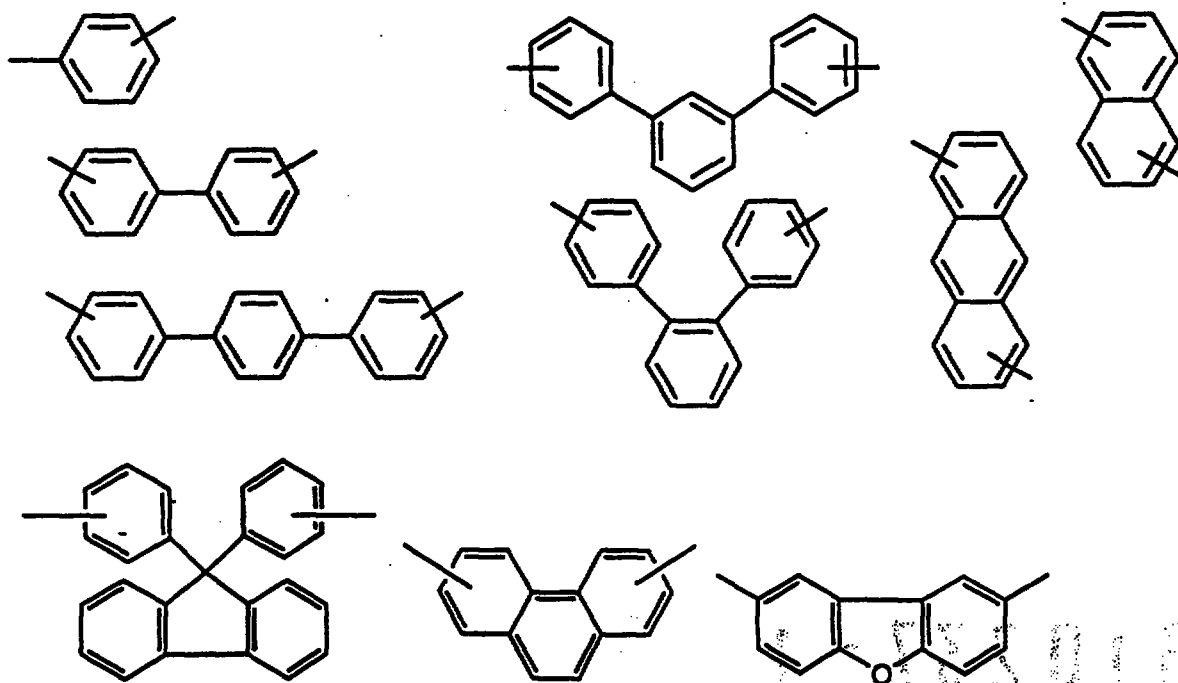
ABSTRACT

NONFUNCTIONALIZED POLY(ARYLENE ETHERS)

The present invention is directed to novel poly(arylene ethers), their synthesis and use in electronics applications as low dielectric insulating layers such as spin-on materials in integrated circuits. The polymers have repeating units of the structure:



wherein $m = 0.2$ to 1.0 ; and $n = 1.0 - m$; and Ar_1 , Ar_2 and Ar_3 are individually divalent arylene radicals selected from the group consisting of;



(Figure 1)