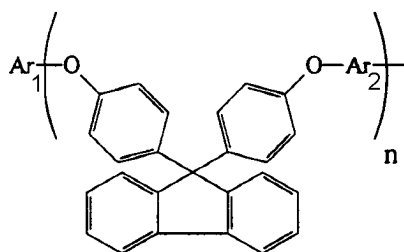


POLY(ARYLENE ETHER) DIELECTRICS

ABSTRACT

The present invention relates to poly(arylene ethers) used as low k dielectric layers in electronic applications and articles containing such poly(arylene ethers) comprising the structure:



wherein $n = 5$ to 10000 and monovalent Ar_1 and divalent Ar_2 are selected from a group of heteroaromatic compounds that incorporate O, N, Se, S, or Te or combinations of the aforesaid elements, including but not limited to:

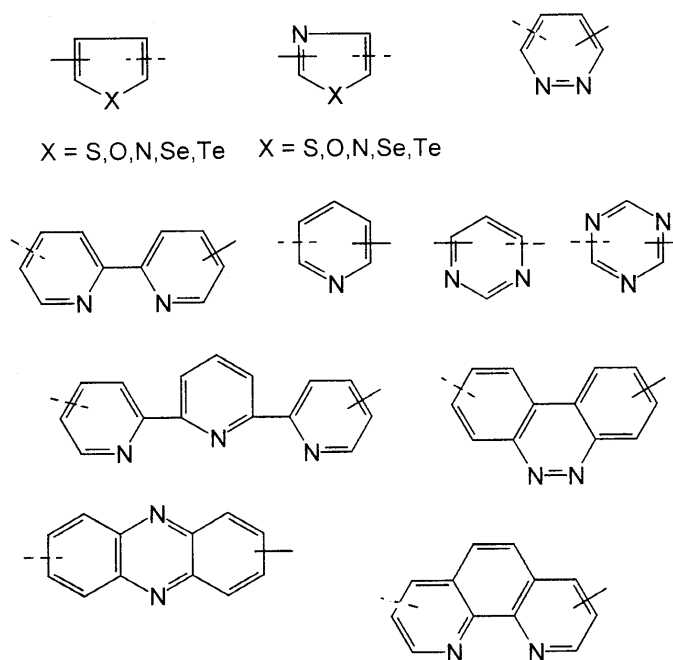


FIG. 2