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(54) Title: CHARGE-ENHANCING ADDITIVES FOR ELECTRETS

(57) Abstract: Materials are disclosed which can enhance the electrostatic charge of electret materials. The materials comprise N-substituted amino carbocyclic aromatic compounds of the formula R1R2N-Ar(G)n where Ar is an aryl group, the group R1 is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroalkyl or substituted alkyl, alkenyl, alkynyl, the group R2 is alkyl, alkenyl, alkynyl, aryl, heteroalkyl or substituted alkyl, and each G is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroalkyl, substituted alkyl, or -NR3R4 where each R3 is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroalkyl or substituted alkyl, and each R4 is independently alkyl, alkenyl, alkynyl, aryl, heteroalkyl or substituted alkyl, and Ar is a phenyl group when n is 5, a naphthalene group when n is 7, and an anthracene group when n is 9.



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