

OXIDATION RESISTANT INDICATOR MOLECULES

ABSTRACT

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Compounds having enhanced oxidation stability are disclosed. The compounds have an aryl boronic acid residue having one or more electron withdrawing groups on the aromatic moiety which contains the boronic acid residue,
10 such that the molecule has enhanced oxidation resistance as compared to a corresponding molecule without the one or more electron withdrawing groups. The compounds are preferably anthracene-based indicator compounds used in the determination of the presence or concentration of glucose.

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Figure No. 1