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(54) Title: NAPHTHALIMIDE DYES AND USES IN NUCLEIC ACID SEQUENCING

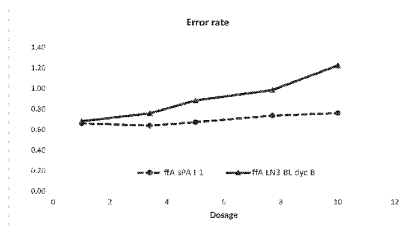
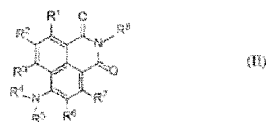
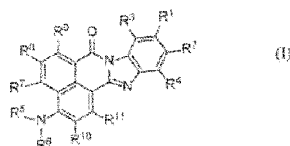


FIG. 2B



(57) Abstract: The present application relates to dyes containing a naphthalimide core and their uses as fluorescent labels. These dyes may be used as fluorescent labels for nucleotides in nucleic acid sequencing applications. The dyes have general formulas (I) and (II) below, provided that the compounds of Formula (I) and (II) comprise one carboxy group.

[Continued on next page]

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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