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[54] HIGH DENSITY ENERGETIC MATERIALS

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[73] Assignee: The United States of America as represented by the Secretary of the Navy, Washington, D.C.

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[52] U.S. Cl. 149/19.1; 149/88; 558/6; 558/8

[58] Field of Search 149/19.1, 88; 558/6, 558/8

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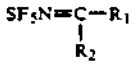
[57] ABSTRACT

Energetic compounds of the formula



wherein R_1 is $-OCH_2CH_2C(NO_2)_3$, $-OCH_2C(NO_2)_2CH_3$, $-OCH_2C(NO_2)_3$, $-OCH_2CF(NO_2)_2$, $-OCH_2CF_2(NO_2)$, or $-OCH_2CF_3$, and wherein R_2 is $-OCH_2CH_2C(NO_2)_3$, $-OCH_2CF(NO_2)_2$, $-OCH_2CF_2(NO_2)$, $-OCH_2CF_3$, $-NH_2$, $-NHCH_2CH_2ONO_2$, or $-N(NO_2)CH_2CH_2ONO_2$.

18 Claims, No Drawings