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(54) **ENERGETIC DETERRENT COATING FOR GUN PROPELLANT**

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(73) Assignee: **The United States of America as represented by the Secretary of the Navy, Washington, DC (US)**

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(57) **ABSTRACT**

Propellant compositions are coated with an energetic deterrent coating which reduces the burning rate at the surface of the propellant grain and causes the propellant to burn progressively. The use of energetic materials, that are slightly soluble in the coating solvent, improve the burning properties of the propellant without decreasing the chemical energy.

17 Claims, No Drawings