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United States Statutory Invention Registration [19]

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[54] **5-CARBOXYL-1,3-DIAMINO-2,4,6-TRINITROBENZENE AND METHOD OF PREPARATION**

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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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[51] **Int. Cl.**[5] **C07C 211/49**

[52] **U.S. Cl.** **558/411**; 562/437; 568/933

[58] **Field of Search** 562/437; 568/933; 558/411

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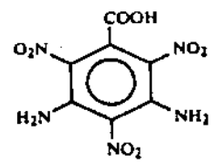
[57] **ABSTRACT**

5-carboxy-1,3-diamino-2,4,6-trinitrobenzene (DATBA),



which is prepared by reacting 5-fluoro-1,3-diamino-2,4,6-trinitrobenzene with cyanotrimethylsilane to form 5-cyano-1,3-diamino-2,4,6-trinitrobenzene which is then hydrolyzed with a strong acid to form the DATBA.

2 Claims, 1 Drawing Sheet

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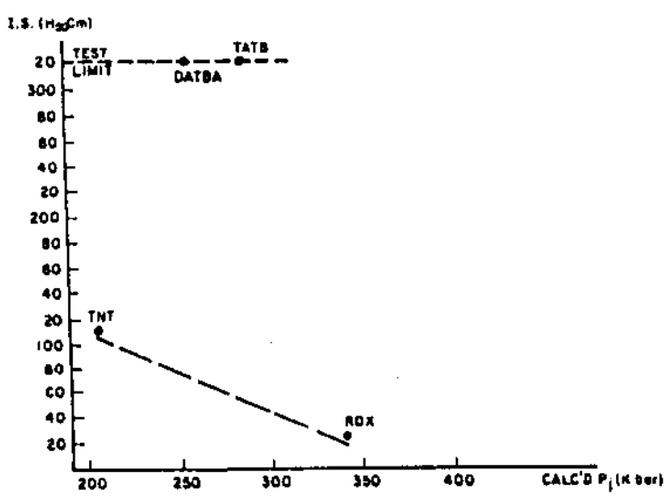

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