

United States Patent [19]

Gill et al.

[11] Patent Number: **4,469,888**

[45] Date of Patent: **Sep. 4, 1984**

66064

- [54] **PROCESS FOR THE PREPARATION OF 2,4-DINITRO-2,4-DIAZAPENTANE**
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- [73] Assignee: **The United States of America as represented by the Secretary of the Navy, Washington, D.C.**
- [21] Appl. No.: **391,902**
- [22] Filed: **Jun. 25, 1982**
- [51] Int. Cl.³ **C07C 111/00**
- [52] U.S. Cl. **564/109; 564/107**
- [58] Field of Search **564/107, 109**

- [56] **References Cited**
U.S. PATENT DOCUMENTS
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[57] **ABSTRACT**
The invention is a process for reacting methylnitramine with formaldehyde in a halogenated solvent and reacting the methylnitramine with formaldehyde in the presence of a strong sulfuric acid catalyst at certain specific temperatures to yield a final product having a yield rate of 70% or greater dimethylmethylenedinitraamine.

5 Claims, No Drawings

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