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United States Patent [19]
Naufflett

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- [54] **METHOD FOR THE PREPARATION OF METHYLNITRAMINE**
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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.:** 394,084
- [22] **Filed:** Jul. 1, 1982
- [51] **Int. Cl.³** C07C 111/00
- [52] **U.S. Cl.** 564/109; 564/33; 564/107
- [58] **Field of Search** 564/33, 107, 109

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[57] **ABSTRACT**
The invention is an improved process for the production of methylnitramine by nitrating dimethylurea with a mixture of sulfuric acid and nitric acid with subsequent separation of 1,3-dimethyl-1,3-dinitrourea by the use of a suitable solvent with recovery of a dimethyl dinitrourea in organic solvent, with hydrolysis of the dimethyldnitrourea with hot water to yield methylnitramine.

12 Claims, No Drawings