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DESCRIPTORS: \*Pentenes, \*Methyl radicals, Molecu-  
lar structure, \*Polymers, Polymerization, Ethylenes.

(Chemistry--Organic, TT, v. 8, no. 3)

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DESCRIPTORS: \*Electrochemistry, \*Electrolytic  
cells, \*Selenium, Vapors, \*Thermodynamics, \*Silver  
compounds, Selenides, Decomposition, Reaction  
kinetics.

In the first part of the present paper the thermodynamics  
of selenium vapor is investigated. In connection with  
this a new kind of method, the electrochemical Knudsen  
(Chemistry--Physical, TT, v. 10, no. 2) (over)

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I. Title: Knudsen cells  
I. Ratchford, R. J.  
II. Rickert, H.

Office of Technical Services

cell, is described. In the second part of the paper the rate of vaporization of selenium from solid  $Ag_2Se$  in vacuo is investigated and discussed as a function of the chemical potential of the silver and of the selenium in  $Ag_2Se$ .



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DESCRIPTORS: \*Chemotherapeutic agents, \*Amines,  
Benzene, \*Benzidine sulfate.

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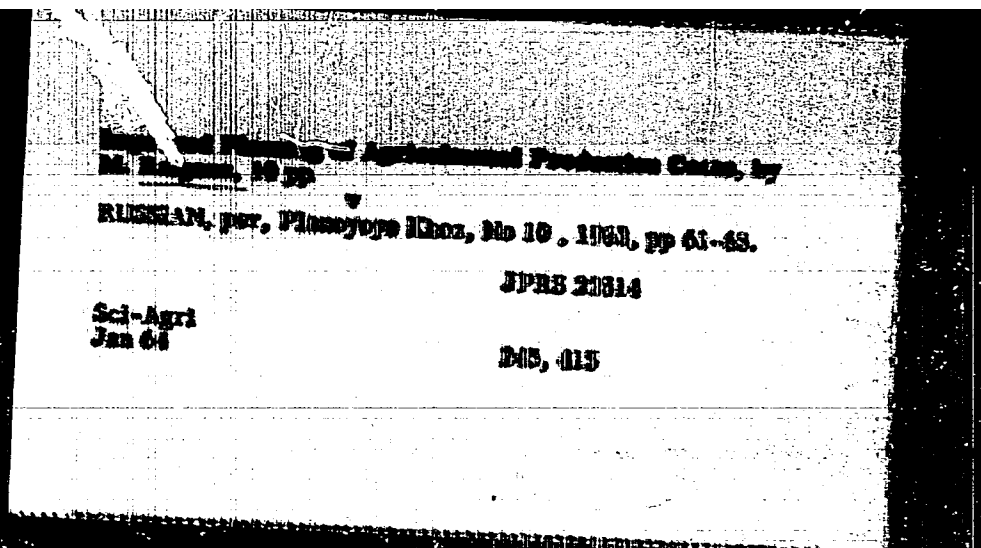
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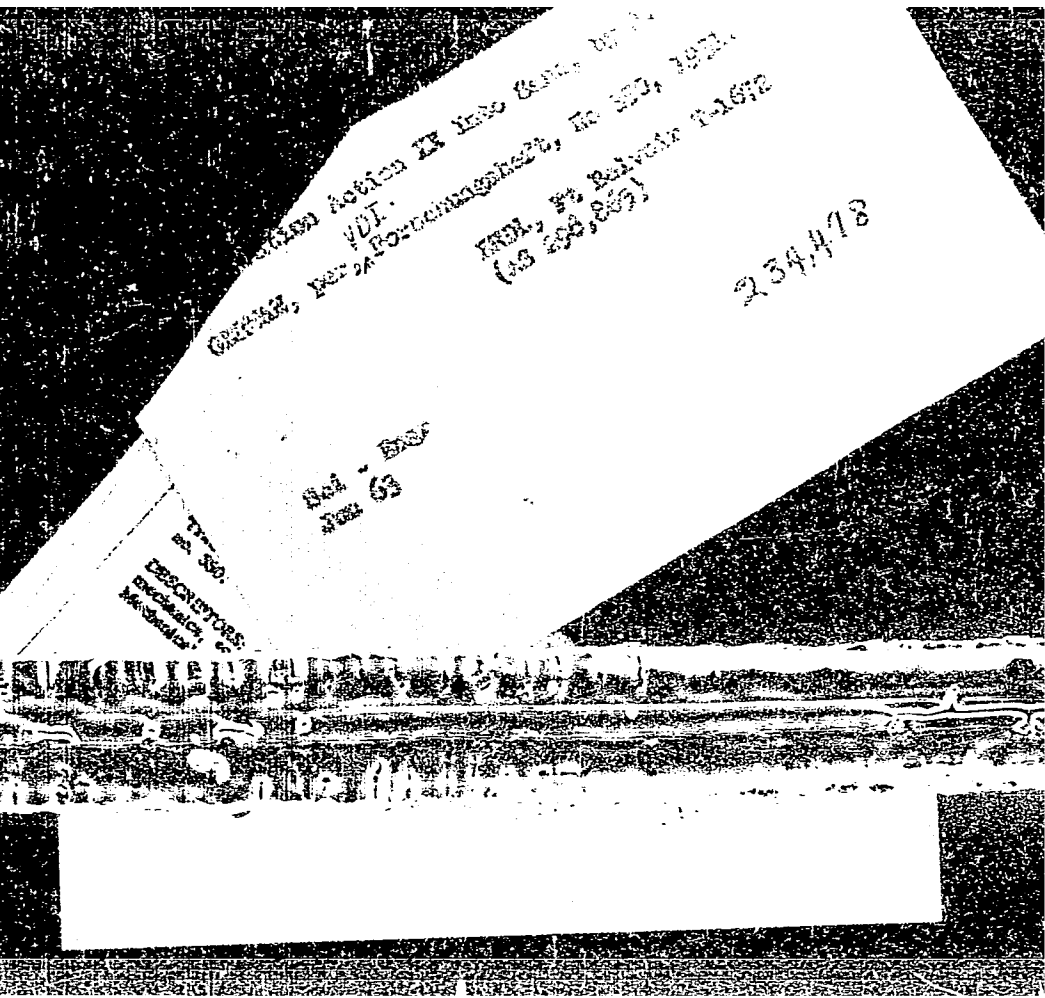


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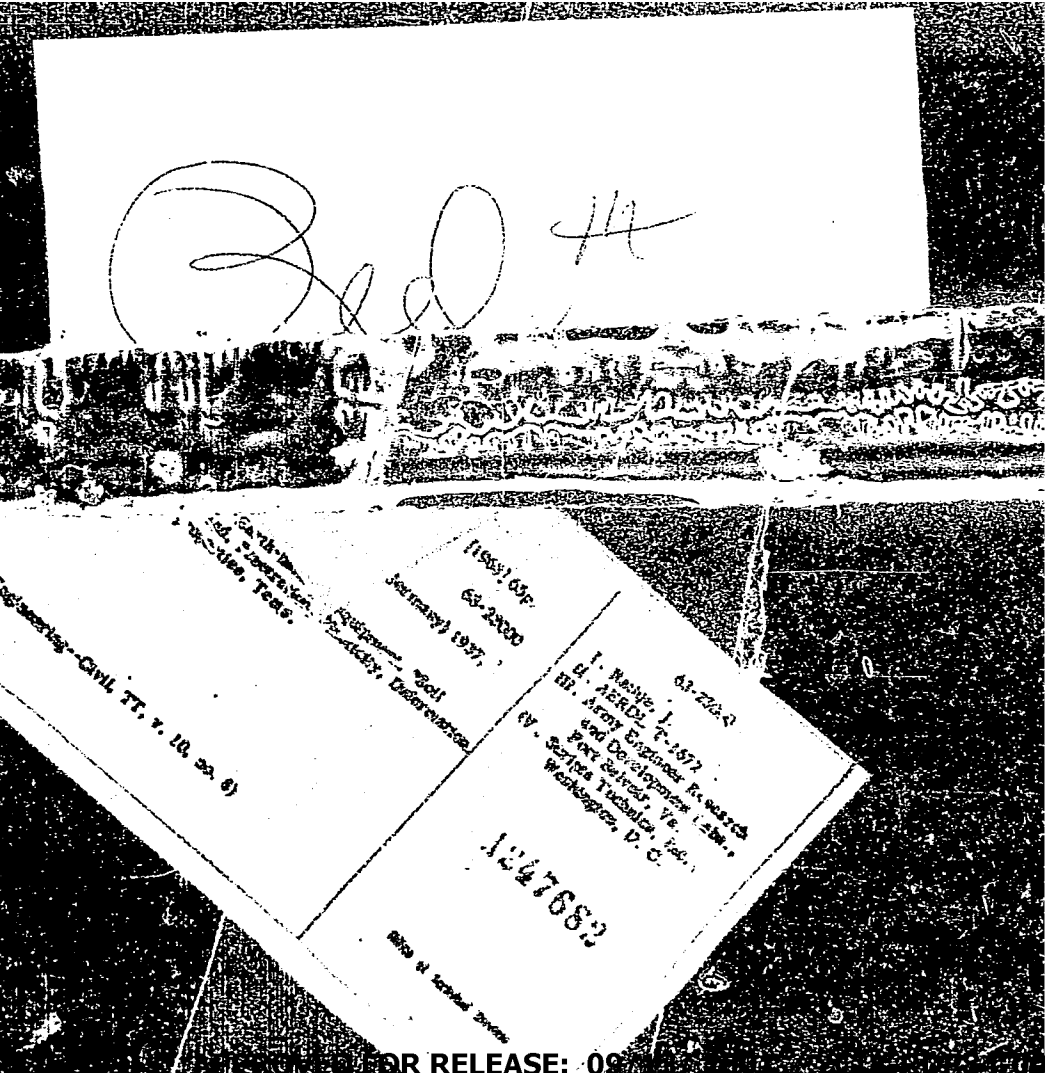
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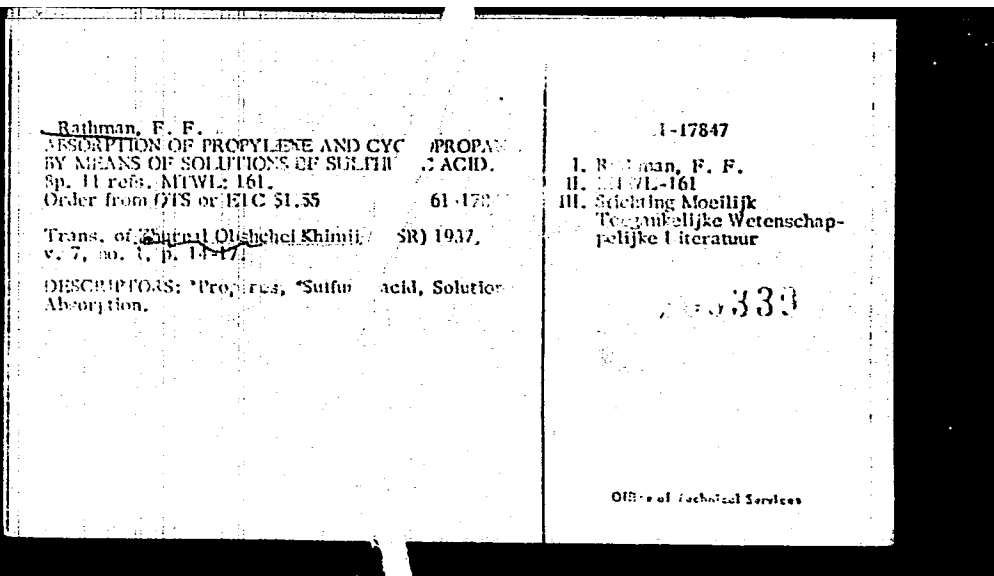
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DESCRIPTORS: \*Cements, \*Thermodynamics, \*Diffusion, Dehydration, Test methods.

(Materials, TT, v. 9, no. 11)

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