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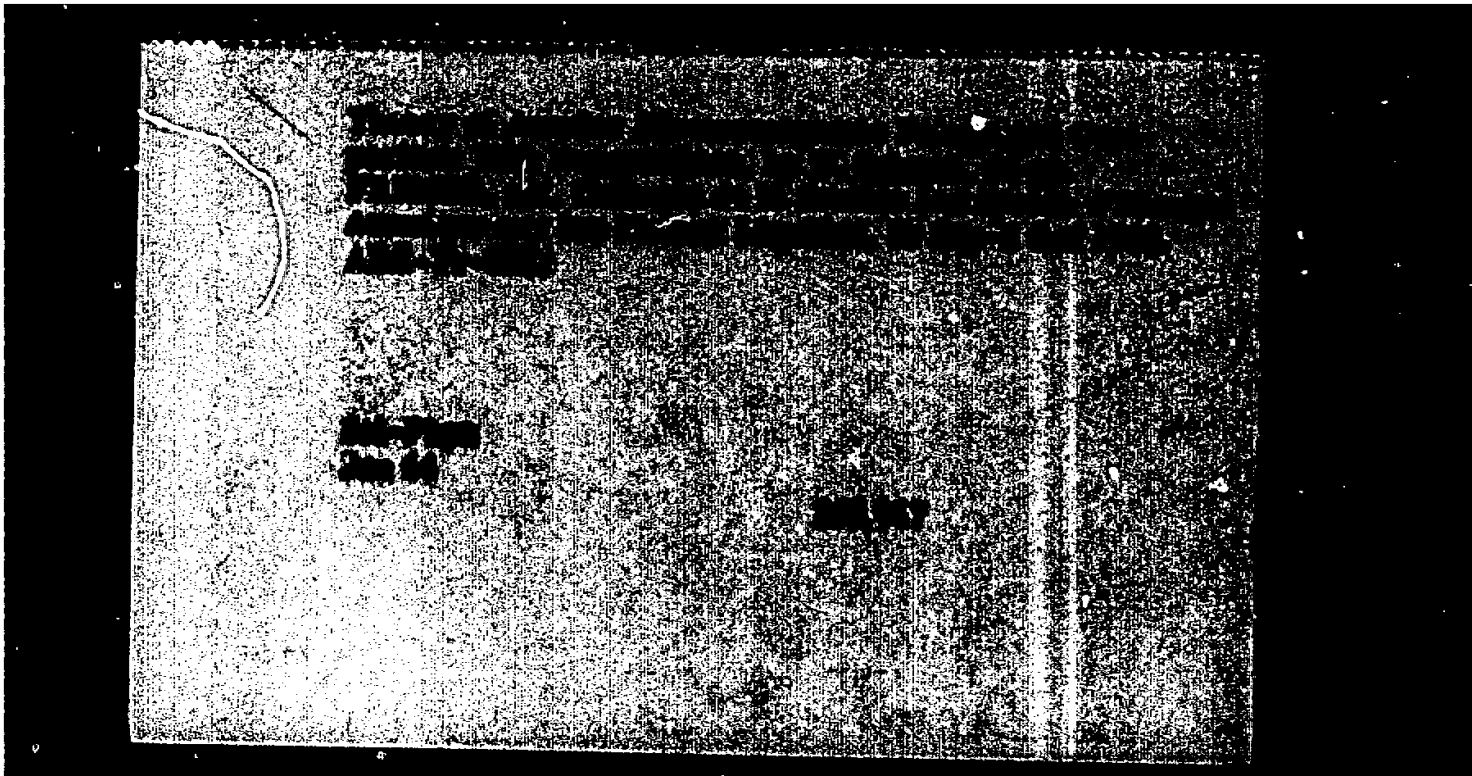
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DESCRIPTORS: \*Sulfuric acid, Viscosity, Temperature, Electrolytes.

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DESCRIPTORS: \*Chlorine, \*Free radicals, Production,  
\*Gas discharges, Chemical reactions

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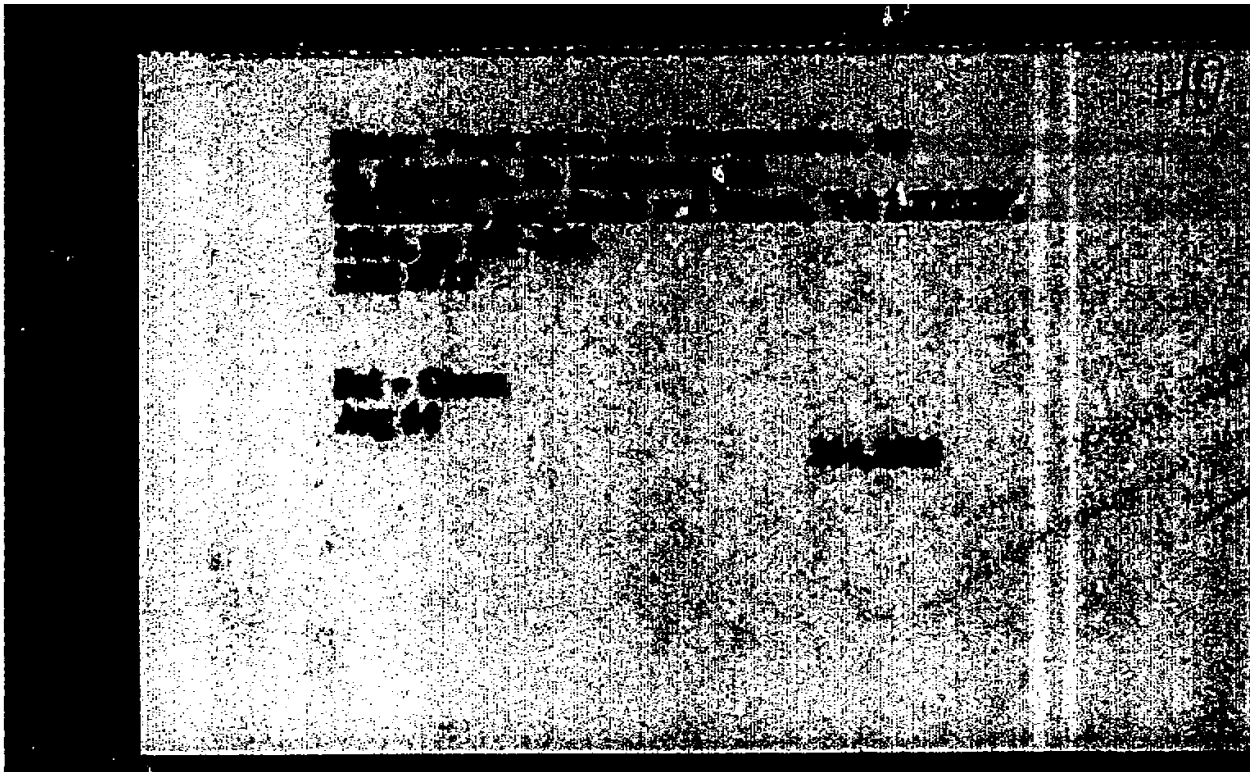
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Order from SLA \$1.10

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Trans. of Zeitschrift für Angewandte Physik (West  
Germany) 1962 [v. 14] no. 5, p. 297-299.

DESCRIPTORS: \*Semiconductors, Materials, Diffusion,  
\*Crystals, Measurement, Solid State physics,  
Germanium.

The accuracy in the measurement of small diffusion  
depths in semiconductor materials can be appreciably  
heightened by a special grinding technique elaborated  
in detail. The method is simple and a few examples  
are given. Furthermore, it is shown that the necessary

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(Physics--Solid State, TT.

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DESCRIPTORS: \*Radioactive waste, Chemical reac-  
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(Engineering--Chemical, TT, v. 9, no. 2)

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NASA TT F-11,511

*K. Schube*

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SULPHITE COOKING WITH ALUMINUM BASE. [1960]  
[13]p. 2 refs.  
Order from SLA mi\$2.40, ph\$3.30 61-10631

Trans. of Zellstoff und Papier (Germany) 1960, v. 9,  
no. 8, p. 291-297.

The investigation of aluminum sulphite cooking liquors as pulping agent produced the following results. (1) The unbleached pulp is of good brightness and strength and easy to beat. Bleachability is good. Bleached pulps of high brightness, high alpha cellulose content and good strength are obtainable. Furthermore, pulps of unusual properties such as pulps with very high bulk can be obtained. (2) Cooking liquors of high combine level can be produced without risking base deposits, owing to better solubility of aluminum salt in comparison with lime. (3) The danger of "burnt" cooks is significantly less. (4) Aluminum sulphite can be easily subjected to thermal decomposition according (Materials--Paper, TT, v. 5, no. 9) (over)

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Trans. of [Chemische Technik] (East Germany) 1938  
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Order from OYS, SLA, or ETC \$1.10 TT-64-14052

Trans. of German patent 763, 557, cl. 120, gr. 23 01,  
pat. from 4 Nov 41, grant pub. 4 Jan 45. (Abstract  
available)

DESCRIPTORS: \*Pesticides, Preparation, \*Lignin,  
\*Sulfonic acids, \*Cyanogens, Sulfur compounds,  
Halides.

The processes for the production of thiocyanogen com-  
pounds of lignin sulfonic acid are characterized by the  
fact that halides are gradually introduced into solutions  
of lignin sulfonic acid which have been treated with  
thiocyanogen salts. (Author)  
(Chemistry--Organic, TT, v. 11, no. 7)

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KOREAN, np, Hwanghae Ilbo, 21 Feb-20 Mar 1953.

MISG 207183

FE - Korea

Military - Bacteriological warfare

Enemy Doc Issue 116

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SLA 62-84542

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Vol VIII, No 11

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(NY-10)

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G. ~~HEINIG~~ Schwager, 9 pp.

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Allgemeine Chemie, Vol CCCCII, No 1/2,  
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JPRS 12025

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Trans. from Landwirtschaftliches Jahrbuch für Bayern  
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DESCRIPTORS: \*Fertilizers, \*Potassium compounds,  
\*Oxides, \*Nitrogen, Chemical analysis, Quantitative  
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superior to the perchloric acid method because it can  
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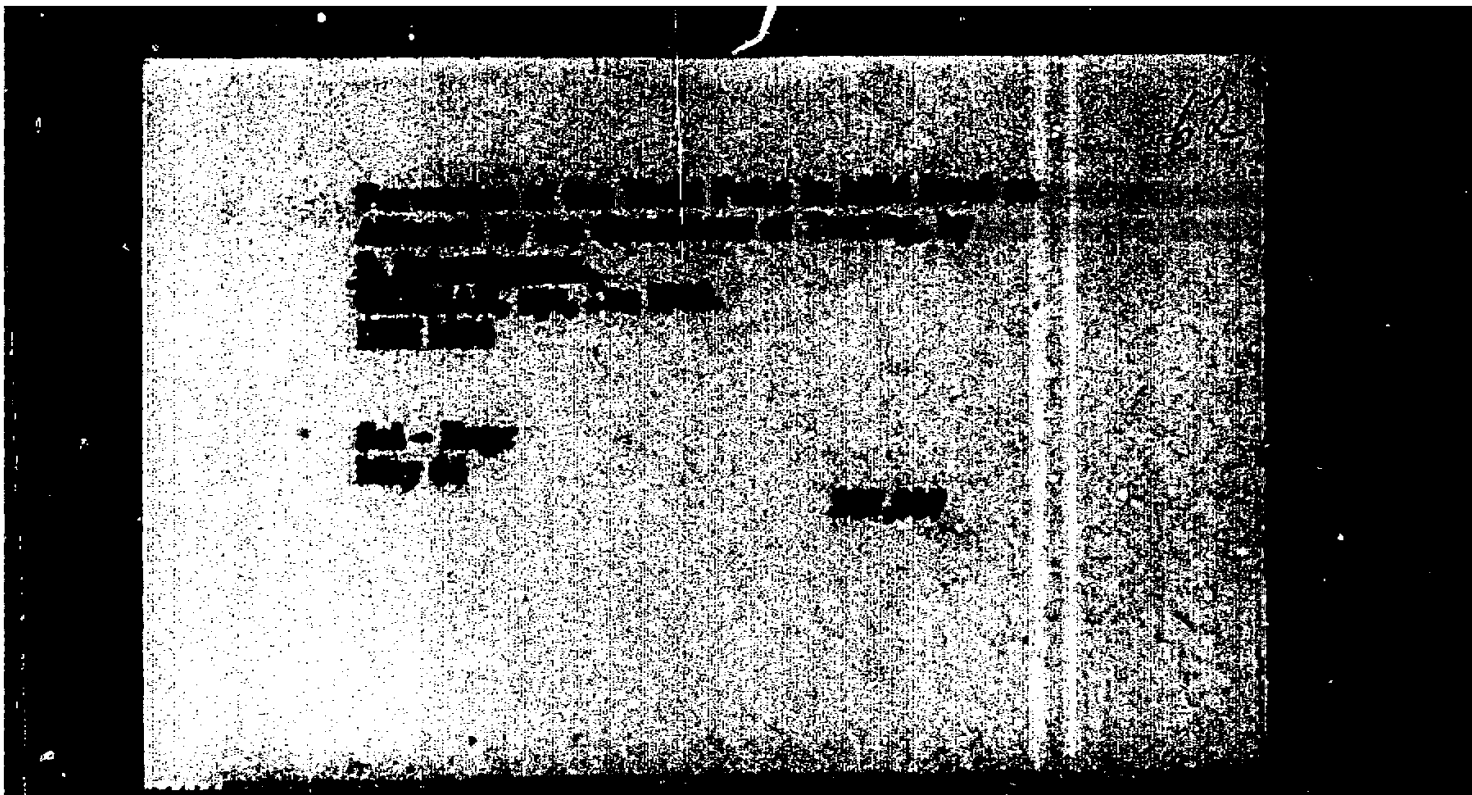
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Test methods, Quantitative analysis, Grain structure  
(Metallurgy), Mechanical properties.

A compilation is made of the methods that appear  
suitable to characterize the properties of metal  
powders. The following tests are described, in part  
based on those of the Metal Powder Association: (1)  
Tests of chemical composition: Determination of  
oxygen content, metallic constituents and insoluble  
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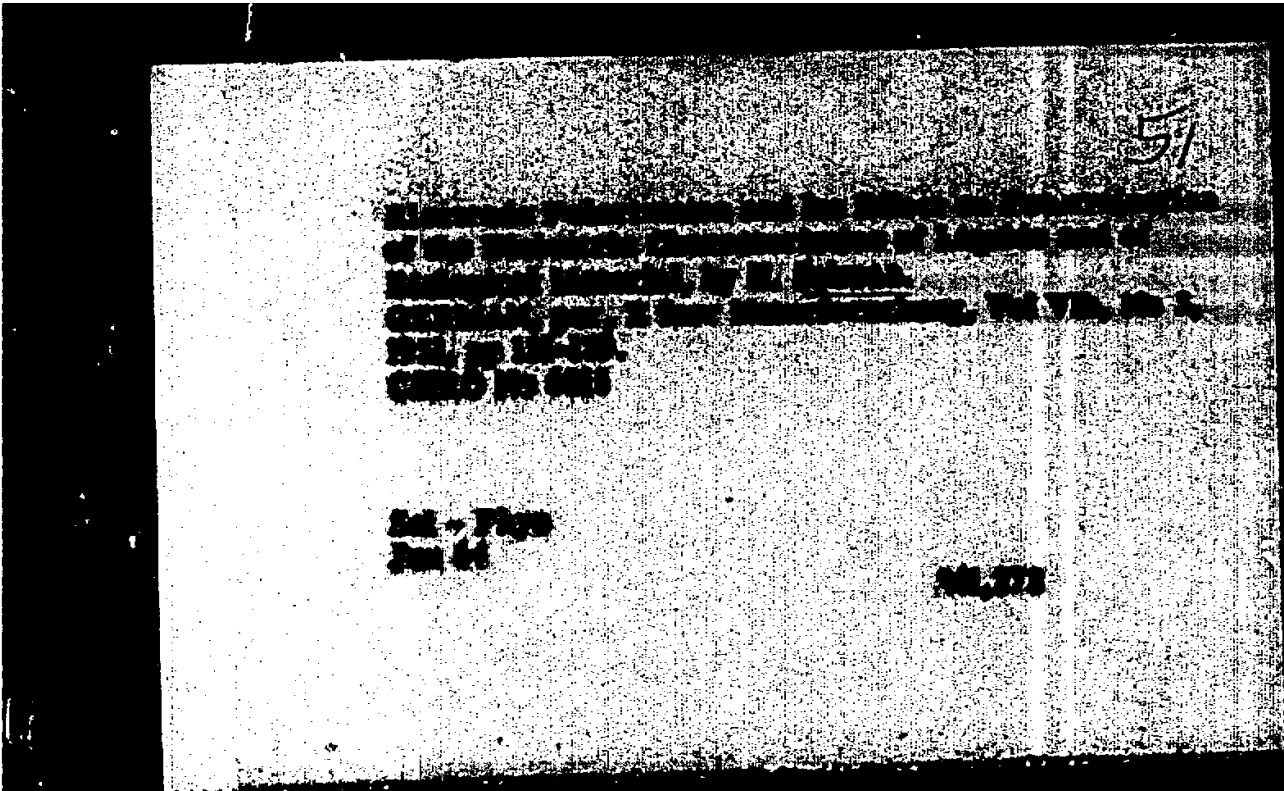
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