KRECEK, J.; KRECKOVA, J.

Pharmacology of antihistamine drugs of Czechoslovakian preparation. Biol.listy Suppl.1:30-38 1950. (CLML 20:5)

1. Of the Control and Research Institute of the United Pharmaceutical Works and of the Department of General Physiology(Head Prof.F.Karasek,M.D.) of the Physiological Institute (Head--Prof. V.Laufberger,M.D.) of the Medical Faculty of Charles University, Prague.

KRECEK, J.; KRECKOVA, J.; VAICENBACHER, V.

Effect of antihistamine substances on metabolism of pyruvic acid.
Biol.listy Suppl.1:54-61 1950. (CLML 20:5)

1. Of the Research and Control Institute of the United Pharmaceutical Works and of the Department of General Physiology (Head--Prof.F.Karasek,M.D.) of the Institute of Physiology (Head--Prof. V.Laufberger,M.D.), Prague.

KRECEK, J.; KOHN, E.

Liver function test in treatment of syphilis. Voj.zdrav.listy 19 no.11-12:267-273 Nov-Dec 50. (CLML 20:5)

Kreček, J.

The mechanism of the action of antihistamines. I. The effect of antihistamines on bacterial decarboxylation of histidine. J. Křeček, J. Šterzl, J. Křečková, and V. Vaicenbacher (Výzkumný a kontrolní ústav Spofa, Prague). *Časopis Lékařů Českých* 89, 2-5(1950).—The presence of histidine (I) decarboxylase in *Escherichia coli*, *Aerobacter aerogenes*, and *Pseudomonas aeruginosa* strains has been demonstrated. The organisms were grown on media contg. (1) I, (2) I + antihistamines (II) in concns. 1:500 and 1:5000, (3) glucose (III) + II. The same inhibition of growth by II was observed in organisms growing on media contg. I which is utilized by decarboxylation, as in those growing on media with III. The selective inhibition influence of II on decarboxylation of I was thus not demonstrated. III. The effect of antihistamines on the metabolism of glucides. Olga Benešová, Jiří Křeček, Jarmila Křečková, Jaroslav Šterzl, Vladimír Vaicenbacher, and Emil Zikmund (Výzkumný a kontrolní ústav Spofa, Prague). *Ibid.* 709-11.—Antihistamines (I), Neoantergan, Pyribenzamine, and Antihistamine Spofa (benzhydrylpiperidine ethyl ether), increase, in doses of 10-50 mg./kg., the level of glucose (II) and pyruvic acid (III) in the blood of rabbits. The increase of II is proportional to the pharmacological activity of these I. Simultaneous administration of histamine in doses of 0.1-10 mg./kg. interferes with hyperglycemia, but does not affect the III level. It is suggested that I play a role in the catabolism of II which can be correlated with the pharmacological action of I. A. Ženíšek

KRECEK, J.

BENESOVA, O.; KRECEK, J.; KRECKOVA, J.; STERZL, J.; VAICENBACHER, V.; ZIKMUND, E.

Effect of antihistaminic substances on the metabolism of glucides; study of the mechanism of the effect of antihistaminic substances. Cas.lek.cesk. 89 no.25:709-711 23 June 50. (CLML 19:4)

1. Of the Institute for Control and Research SPOFA, of the Department for General Physiology (Head--Prof. F.Karasek, M.D.) of the Physiological Institute of the Medical Faculty at Charles University (Head--Prof. V.Laufberger, M.D.), and of the Institute for Medical Microbiology and Immunology at Charles University (Head--Prof. F.Patocka, M.D.)

KRECEK, J.

Pathogenesis and new method of treatment of psoriasis. Voj. zdrav. listy 20 no.4:176-179 July-Aug 1951. (CIML 21:1)

1. Author is M.D., Lt. Colonel.

KRECEK, J.

Physiology and practical application. Checkh.fiziol.2 no.2:121-130 '53. (MLRA 7:2)
(Physiology)

HAHN, P.; KOLDOVSKY, O.; KRECEK, J.; KRECKOVA, J.

Development of aerobic metabolism in the brain of young rats.
Chekh.fiziol.2 no.2:171-177 '53. (MLRA 7:2)

1. Biologicheskiy institut Chekhoslovatskoy Akademii nauk, fiziologicheskoye otdeleniye, Praha. (Brain)

KRECEK, J.

KOLDOVSKY, O.; KRECEK, J.; KRECKOVA, J.; MIKULAS, I.

The influence of rearing in the dark on the development of water metabolism in young rats. Chekh fiz 2 no.4:267-272 '53. (KEAL 3:7)

1. From the Biological Institute of the Czechoslovak Academy of Science, Physiology Department, Prague.
(DARKNESS, effects,
*on water metab. in young rats)
(WATER, metabolism,
*eff. of darkness in young rats)

KRECEK, J.

"Conference in Liblice on the Creation of a Physiological Institute of the Czechoslovak Academy of Sciences, October 19-20, 1953." p. 106,
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 1, Jan. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

KRECEK, Jaroslav (Col. MD) (Central Military Hospital in Prague)

Author of article, "Answers to Questions on Standardization of Anti-lues Treatment," dealing with the treatment of lues used in the past few years in the Czechoslovak Army. Long time control of clinical and serological tests is stressed.
(VZL, Jan 55)

SO: Sum. 600, 1 Aug. 1955,

KRECEK, J.

Babak's works on physiology of developing organism. Cesk. fysiol. 4 no.3:253-259 1955.

1. Fysiologicky ustav Cs. akademie ved v Praze.
(BIOGRAPHIES,
Babak, E.)
(GROWTH, physiology,
research by E. Babak)

KRENEK, J.

Works of Babak on physiology of growing organism. Chekh. fiziol. 4 no.4:349-356 1955.

1. Fiziologicheskiy institut Chekhoslovatskoy Akademii Nauk, Praga.

(PHYSIOLOGY,
contribution of Babak)
(EMBRYOLOGY,
contribution of Babak)
(BIOGRAPHIES,
Babek,)

KRECEK, J.; KRECKOVA, J.; DLOUHA, H.

On problems of the regulation of water intake in newborn mammals. Physiol. bohem. 5:33-37 Suppl. 1956.

1. Institue of Physiology, Czechoslovak Academy of Sciences, Prague.
(THIRST, physiology,
water intake & selection of fluids in rats weaned at various ages)
(WATER, metabolism,
intake & selection of fluids in newborn rats weaned at various ages.)
(INFANT, NEWBORN,
water intake & selection of fluids by newborn rats weaned at various ages)
(BODY FLUIDS, metabolism,
water-electronlyte balance, role in water intake & fluid selection by newborn rats after weaning)

HAHN, P.; KRECEK, J.; KRECKOVA, J., with the technical collaboration of J. Chylkova.

The development of thermoregulation. I. The development of thermoregulatory mechanisms in young rats. Physiol. bohem. 5 no.3:283-290 1956.

1. Institute of Physiology, Academy of Science, Prague.
(BODY TEMPERATURE,
thermoregulation, develop. in young rats)

HAHN, P.; KRECEK, J.; KRECKOVA, J.

Development of thermoregulation. I. Development of thermoregulation mechanism in young rats. Cesk. fysiol. 5 no.3:295-301 1956.

1. Fysiologicky ustav Cs. akademie ved, Praha.
(BODY TEMPERATURE,
thermoregulation, develop. in young rats (Cz))

KRECEK, J.

KRECEK, J.; KRECKOVA, J.

Development of control of water metabolism. II. Preference in water and milk selection by young rats. Cesk. fysiol. 6 no.1:14-21 '57.

1. Fysiologicky ustav Cs. akademie ved v Praze.
(WATER,
selection of water & milk by Young rats (Cz))
(MILK,
same)

KRECEK, J.; KRECKOVA, J.; MARTINEK, J.

Development of thermoregulation. V. Effect of breeding young rats in cold and warm environment on the development of thermoregulation. Cesk. fysiol. 6 no.3:341-346 Aug 57.

1. Fysiologicky ustav CsAV v Praze.
(BODY TEMPERATURE, physiology
thermoregulation in young rats raised in cold & warm environments (Cz))
(COLD, effects,
thermoregulation in young rats raised in cold environment (Cz))
(HEAT, effects,
thermoregulation in young rats raised in warm environment (Cz))

KRECEK, J.; DLOUHA, H.; KRECKOVA, J.

Effect of vasopressin on the elimination of water load, sodium and potassium in weaning rats. Cesk. fyziol. 7 no.1:30-31 1958.

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(SODIUM, in urine,
eff. of vasopressin in weaning rats (Cz))
(POTASSIUM, in urine,
same)
(VASOPRESSIN, effects,
on urinary potassium & sodium & urination in weaning rats (Cz))

KRECEK, J. ; DIOUHA, H. ; KRECKOVA, J.

"Effect of cortisone and D.O.C.A. on the secretion of water, Na, and K following water intake in young rats." p. 211.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

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KRUTOV, V

"Symposium on the development of water and electrolyte metabolism."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

DLOUHA, H.; KRECEK, J.; KRECKOVA, J.

Role of the adrenals and of the pituitary in changes of renal reactivity to water load in young rats during weaning. Cesk. fysiol. 7 no.5:442-443 Sept 58.

1. Fysiologicky ustav CSAV, Praha.
(KIDNEYS, physiol.
eff. of ACTH & cortisone on reactivity to water load in rats during weaning (Rus))
(ACTH, eff.
on kidney reactivity to water load in rats during weaning (Rus))
(CORTISONE, effects,
same)

KRECEK, J.; DLOUHA, H.; KRECKOVA, J.

Changes of renal reactivity to vasopressin in young rats during weaning. Cesk. fysiol. 7 no.5:496-497 Sept 58.

1. Fysiologicky ustav CSAV, Praha.
(VASOPRESSIN, effects,
on kidneys, changes of reactivity during weaning (Cz))
(LACTATION, physiology,
renal reactivity changes to vasopressin during weaning in rats (Cz))

DLOUHA, H.; KRECEK, J.; KRECKOVA, J.

Effect of STH on excretion of water and sodium in young rats. Cesk. fysiol. 8 no.3:178-179 Apr 59.

1. Fysiologicky ustav CSAV, Praha. Predneseno na III. fysiologickych dnech v Brne dne 15. 1. 1959.

(SOMOTOTROPIN, eff.
on urinary water-sodium concentration in young rats (Cz))
(URINE,
eff. of somatotropin on concentration in young rats (Cz))
(SODIUM, in urine,
eff. of somatotropin in young rats (Cz))

KRECEK, J.; DLOUHA, H.; KRECKOVA, J.

Effect of vasopressin on renal function in isotonic diuresis in weaned rats. Cesk. fysiol. 8 no.3:216-217 Apr 59.

1. Fysiologicky ustav CSAV, Praha. Predneseno na III. fysiologickych dnech v Brne dne 15. 1. 1959.
(VASOPRESSIN, eff.
on kidney funct. in isotonic diuresis in weaned rats (Cz))

DLOUHA, H.;KRECEK, J.;KRECKOVA, J.

Role of sex hormones in the regulation of active intake of water and electrolytes. Cesk. fysiol. 8 no.5:399 S '59

1. Fysiologicky ustav CSAV, Praha.
(WATER ELECTROLYTE BALANCE)
(CASTRATION eff.)

KRECEK, J.;DLOUHA, H.;KRECKOVA, J.

On the effect of antidiuretic hormone on the excretion of urea in young rats during weaning. Cesk. fysiol. 9 no.1:32-33 Ja 60.

1. Fysiologicky ustav CSAV, Praha.
(VASOPRESSIN pharmacol.)
(UREA urine)
(BREAST FEEDING)

DLOUHA, H.; KRECEK, J.

Effect of the irritation of the splanchnic nerve on the visceral monosynaptic arch. Cesk.fysiol. 9 no.3:225-226 My '60.

1. Fysiologicky ustav CSAV, Praha.
(REFLEX)
(SYMPATHETIC NERVOUS SYSTEM physiol)

KRECEK, J.; DLOUHA, H.; KRECKOVA, J.

On the problem of the excretion of urea by the tubular part of the nephron. Cesk.fysiol. 9 no.3:244-245 My '60.

1. Fysiologicky ustav CSAV Praha.
(UREA urine)
(KIDNEYS physiol)

KHECKOVA, J.; DLOUHA, J.; KHECEK, J.

Effect of vasopressin on urea excretion in diuresis produced by isotonic NaCl solution. Cesk.fysiol. 9 no.3:245-246 My '60.

1. Fysiologicky ustav CSAV, Praha.
(VASOPRESSIN pharmacol)
(UREA urine)
(ISOTONIC SOLUTIONS pharmacol)
(DIURESIS)

KRSHECHEK, Ya. [Krecek, J.]; DLOUGA, G. [Dlouha, H.]; KRSHECHKOVA, Ya. [Kreckova, J.]

Neuropophysis and osmoregulation in baby rats during the period of weaning. Zhur. ob. biol. 22 no.2:89-94 Mr-Ap '61. (MIRA 14:5)

1. Fiziologicheskiy institut Chekhoslovatskoy Akademii nauk, Praga.
(KIDNEYS) (ANIMALS, INFANCY OF) (VASOPRESSIN)

KRECEK, J.

Physiology of the weaning period of mammals. Vestnik CSAV 70 no.1: 74 '61.

1. Fyziologicky ustav, Ceskoslovenska akademie ved.

KRECEK, Jiri, dr.

Theoretical basis of the research on favorable conditions for development of a healthy generation. Vestnik CSAV 71 no.4:432-433 '62.

DLOUHA, H.; KRECEK, J.; KRECKOVA, J.

Water diuresis and the effect of vasopressin in infant rats. Physiol. Bohemoslov. 12 no.5:443-452 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(VASOPRESSIN) (DIURESIS) (WATER)
(NATRIURESIS) (SODIUM CHLORIDE)

KRECEK, J.

Developmental physiology and the hygiene of the young. Cesk. hyg. 4 no.5:283-285 Je'64

1. Fyziologicky ustav CSAV [Ceskoslovenske akademie ved], Praha.

CZECHOSLOVAKIA

[illegible], J.

Physiological Institute CSAV (Fyziologický ústav CSAV), Prague

Praha, Ceskoslovenska Hygiena, No 5, 1964, pp 403-405

"Developmental Physiology and the Hygiene of the Young."

CZECHOSLOVAKIA

BAJO, M.; HORNYCHOVA, H.; KRECEK, J.; Veterinary Faculty (Veterinarni Fakulta), Kosice; Faculty of Pediatrics, Charles University (Fakulta Detskeho Lekarstvi KU), Physiological Institute Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV), Prague.

"Natriuretic Effect of Vasopressin in Young Rats, and its Changes Resulting from Premature Weaning."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 212-216

Abstract: Sensitivity to anticiuretic and natriuretic effects of vasopressin was investigated in young rats aged 23, 30, 40, and 50 days. 23 days old rats are very sensitive to the antidiuretic effect of vasopressin. The manifestation of the natriuretic effect of vasopressin differs with age. A strong effect was noticed at 23 and 50 days; at 33 days no effect was noticed, at 40 medium doses are effective, low and high ones had no effect. Weaning increases sensitivity to the antidiuretic effect of vasopressin, increases natriuresis in 23 and 33 day old rats, and suppresses the natriuretic effect in 50 day old rats. 4 Figures, 11 Western, 9 Czech references. Submitted at 15 Days of Physiology-Symposium of Water Metabolism- 29 May 65.

1/1

KRECEK, Jiri

Perspectives of theoretical principles of research on protective measures for the development of a healthy generation. Cas. lek. cesk. 101 no.42: 1257-1262 19 O '62.

1. Fyziologicky ustav CSAV v Praze, prednosta prof. dr. Z. Servit.
(STATE MEDICINE)

MAJSKY, A.; RERABKOVA, E.; PESKOVA, D.; Technical collaboration: KRESKEVOA, M.; KRECEK, M.

The demonstration in some permanent strains of malignant cells of group-specific ABO (ABH) agglutinogens and D(Rh_o) receptors. Neoplasma 9 no.2:143-149 '62.

1. Institute of Haematology and Blood Transfusion, Prague, CSSR.

(NEOPLASMS immunol)

KRECEK, V.

NAVRATIL, M., MUDr.; KRECEK, V.; CVACHOVA, L.

Significance of pneumotachography in detection of certain pathophysiological conditions of the lungs. Pracovni lek. 8 no.6:410-415 Dec 56.

1. Ustav hygieny prace a chorob z povolani red. prof. MUDr. J. Teisinger.
(LUNG DISEASES, diagnosis,
pneumotachography (Cz))
(RESPIRATION, function tests,
pneumotachography, diag. value (Cz))

KREČEK, Vaclav

Calibration of pneumotachograph. Cas. lek. cesk. 95 no.4: 104-105 27 Jan 56.

1. Ustav hygieny prace a chorob z povolani prof. MUDr. J. Teisingera.
(RESPIRATION, function tests,
pneumotachograph, calibration)

KRECEK, V.

NAVRATIL, M. MUDr.; KRECEK, V.; CUACHOVA, L.

Incidence of emphysema in workers of an asbestos factory. Pracovni lek. 9 no.2:111-116 Apr 57.

1. Ustav hygieny prace a chorob z povolani, praha, reditel prof. MUDr Jaroslav Teisinger.

(EMPHYSEMA, PULMONARY, statist.
in asbestos workers (Cz))
(INDUSTRIAL HYGIENE,
incidence of pulm. emphysema in asbestos workers (Cz))

NAVRATIL, M.; KRECEK, V.; CVACHOVA, L.

Determination of residual volume in an open circuit & interferometric analysis for nitrogen washed out from lungs & tissues. Cas. lek. cesk. 97 no.25:782-788 20 June 58.

1. Ustav hygieny prace a chorob z povolani v Praze, Reditel prof. Dr. Jaroslav Teisinger.

(RESPIRATION, funct. tests
residual volume in open circuit & interferometric analysis for nitrogen washed out from lungs & tissues (Cz))
(NITROGEN, determ.
in lungs & tissues, interferometric analysis, value in test of resp. funct. (Cz))

HAVRATIL, Miroslav; KRECMK, Vaclav; CVACHOVA, Libuse

Use of a new method of determination of residual air in respiratory function tests in chronic pulmonary diseases. Pracovni lek. 11 no.4: 180-183 May 59.

1. Ustav prace a chorob z povolani v Praze.
(RESPIRATION, funct. tests,
residual air determ. in lung dis. (Cz))

NAVRATIL, Miroslav; KREJCEK, Vaclav; CVACHOVA, Libuse

Effect of work in the coal mines on the pathogenesis of chronic bronchitis. Prac. lek. 16 no.7:297-304 S '64.

1. Ustav hygieny prace a chorob z povolani v Praze (reditel prof. dr. J. Teisinger, DrSc.).

[illegible]

"Construction of plants of the food industry with regard to hygiene."

[illegible]. Praha, Czechoslovakia. Vol. 6, no. 10, 1956.

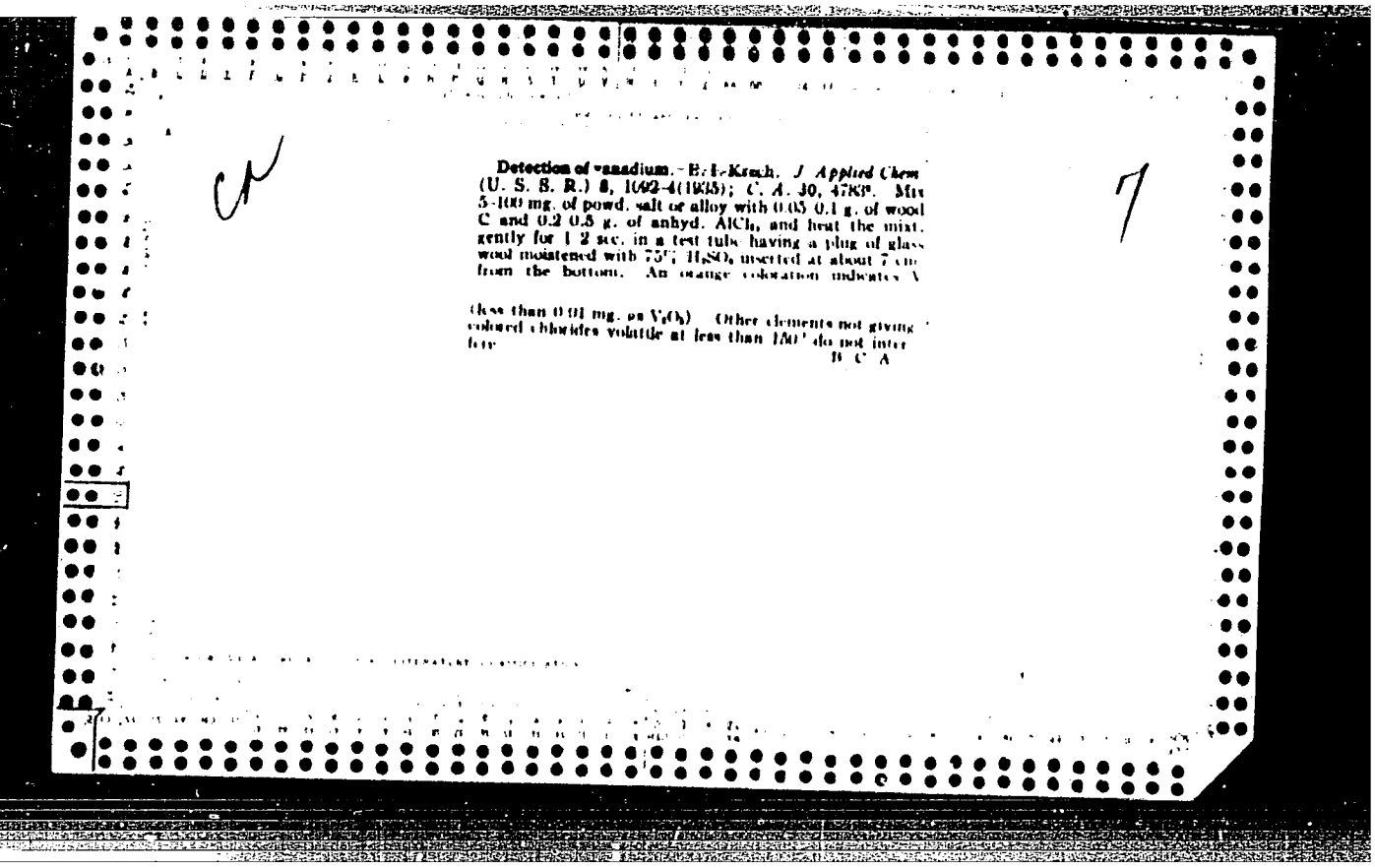
Monthly list of East European Accessions ([illegible]). LC, Vol. 8, No. 6, Jun 59, Uncls

KRECEK, Zdenek

Hygienicke zabezpeceni stravovani pri hromadnych adeich. (Sanitary Measures for Meals Prepared for Large Groups. 1st ed. bibl.) Authors: Zdenek Krecek, Augustin Wolf, Lubomir Scottner. Prague, SZdN, 1957. 78 p.

Practical experiences acquired in organizing various collective actions such as public performances of gymnastics, short-term labor brigades, camping, and longer tourist excursions. The manual is intended to the health officers as well as the public.

Bibliograficky katalog, CSR, Ceske knihy, No. 35. 8 Oct 57. p. 755.



Detection of vanadium.—B. I. Kvach. *J Applied Chem* (U. S. S. R.) 8, 1092-4(1935); *C. A.* 30, 4783⁸. Mix 5-100 mg. of powd. salt or alloy with 0.05 0.1 g. of wood C and 0.2 0.5 g. of anhyd. $AlCl_3$, and heat the mixt. gently for 1 2 sec. in a test tube having a plug of glass wool moistened with 75% H_2SO_4 inserted at about 7 cm. from the bottom. An orange coloration indicates V (less than 0.01 mg. as V_2O_5). Other elements not giving colored chlorides volatile at less than 180° do not inter fere.
H. C. A.

PROCESSES AND PROPERTIES INDEX

Ca

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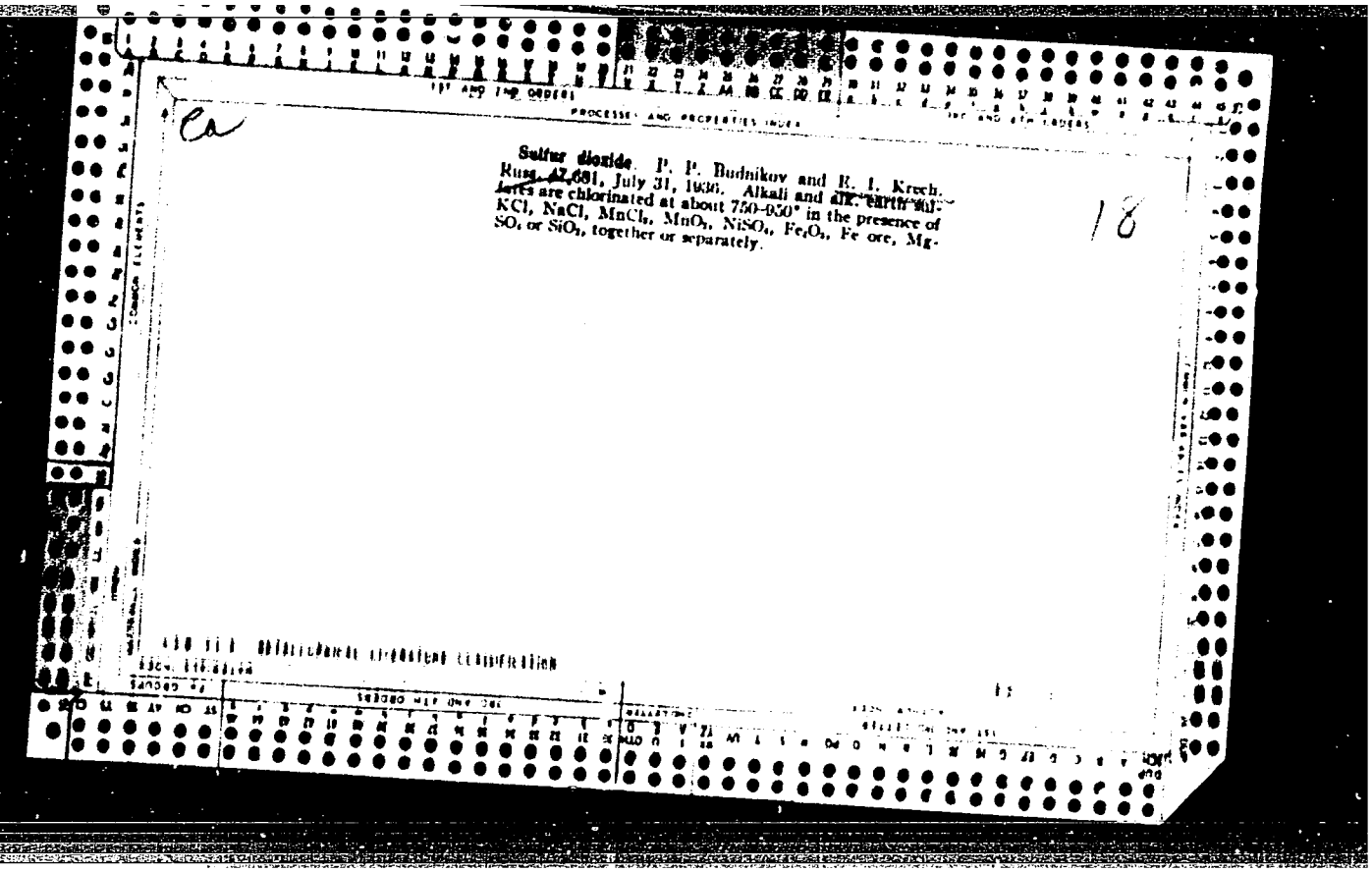
Removing iron oxides from sand F. I. Kirch. Russ 47,(???), May 31, 1936. The sand is heated in a rotating kiln with Cl to 600-800° in the presence of coal and NaCl or $CuSO_4$ added in amount of 0.5-3%.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



Ca

Sulfur dioxide. P. P. Budnikov and R. I. Krech. Russ. 47,681, July 31, 1936. Alkali and alk. earth sulfates are chlorinated at about 750–950° in the presence of KCl, NaCl, $MnCl_2$, MnO_2, $NiSO_4$, Fe_2O_3, Fe ore, Mg-SO_4 or SiO_2, together or separately.

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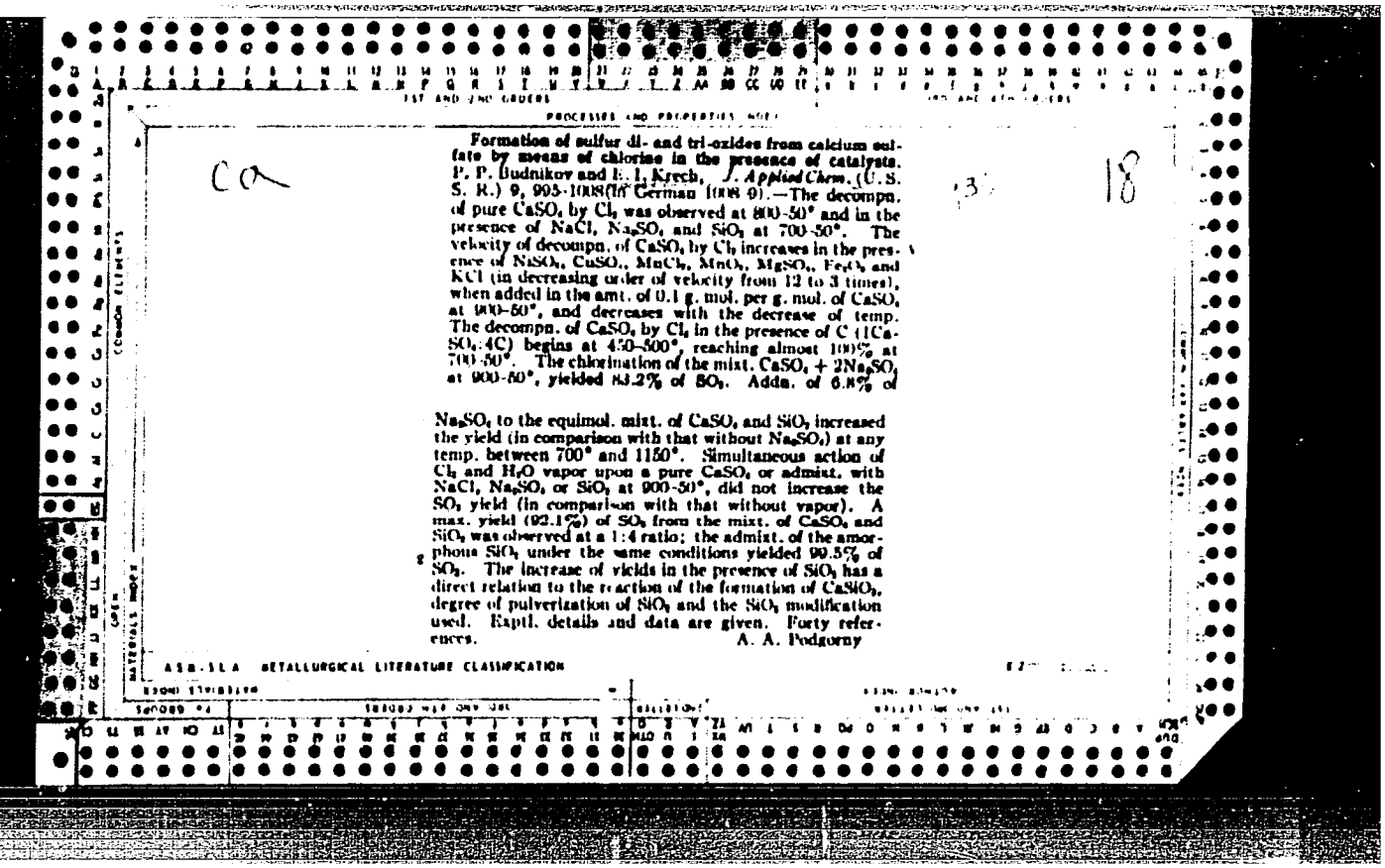
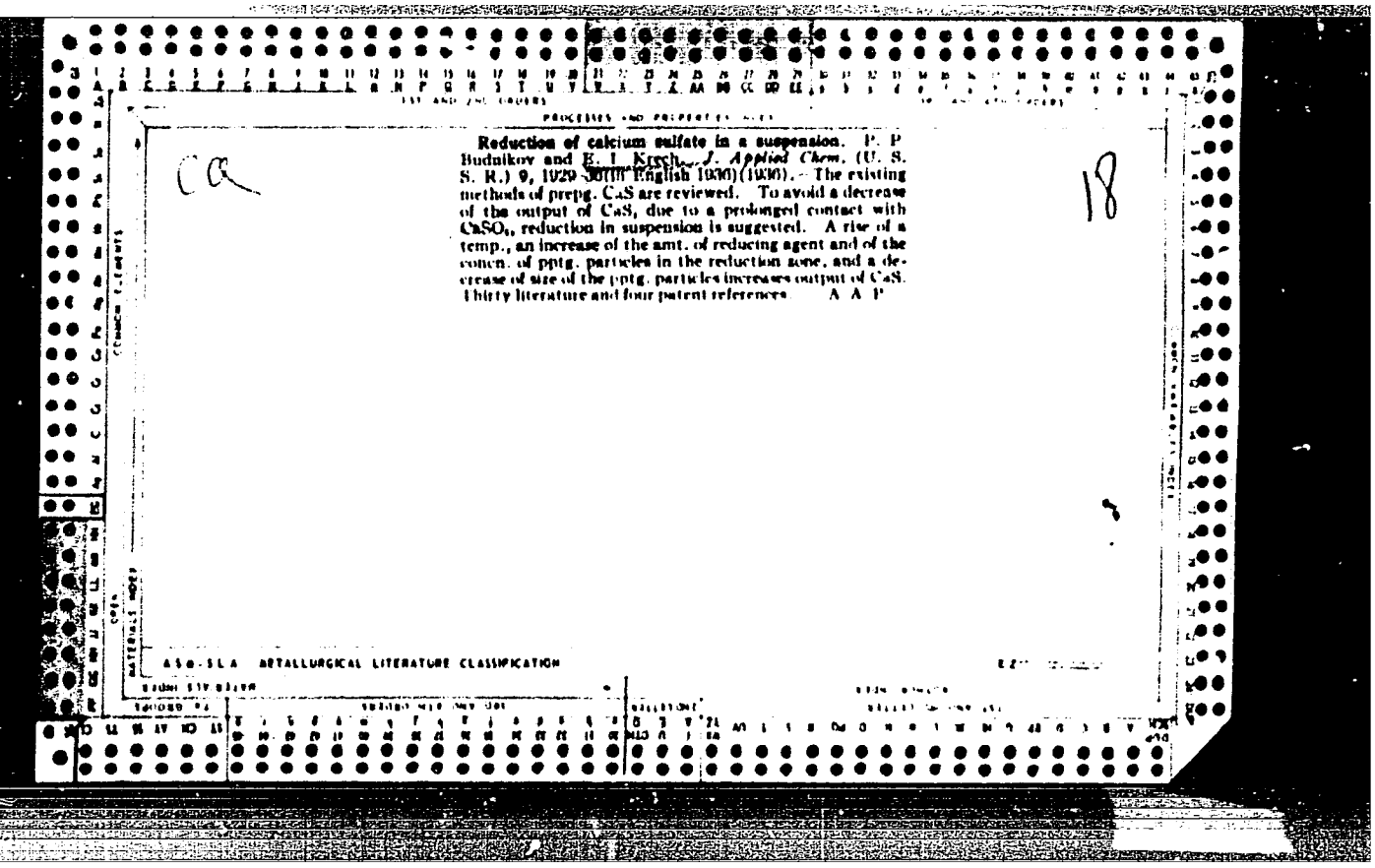


Formation of sulfur di- and tri-oxides from calcium sulfate by means of chlorine in the presence of catalysts. P. P. Budnikov and E. I. Krech, *J. Applied Chem.* (U. S. S. R.) 9, 995-1008(in German (1936).—The decompn. of pure $CaSO_4$ by Cl_2 was observed at 800-50° and in the presence of NaCl, Na_2SO_4 and SiO_2 at 700-50°. The velocity of decompn. of $CaSO_4$ by Cl_2 increases in the presence of $NaSO_4$, $CuSO_4$, $MnCl_2$, MnO_2, $MgSO_4$, Fe_2O_3 and KCl (in decreasing order of velocity from 12 to 3 times), when added in the amt. of 0.1 g. mol. per g. mol. of $CaSO_4$, at 800-50°, and decreases with the decrease of temp. The decompn. of $CaSO_4$ by Cl_2 in the presence of C (1$CaSO_4$:4C) begins at 450-500°, reaching almost 100% at 700-50°. The chlorination of the mixt. $CaSO_4 + 2Na_2SO_4$ at 900-50°, yielded 83.2% of SO_3. Addn. of 6.8% of Na_2SO_4 to the equimol. mixt. of $CaSO_4$ and SiO_2 increased the yield (in comparison with that without Na_2SO_4) at any temp. between 700° and 1150°. Simultaneous action of Cl_2 and H_2O vapor upon a pure $CaSO_4$ or admixt. with NaCl, Na_2SO_4 or SiO_2 at 900-50°, did not increase the SO_3 yield (in comparison with that without vapor). A max. yield (92.1%) of SO_3 from the mixt. of $CaSO_4$ and SiO_2 was observed at a 1:4 ratio; the admixt. of the amorphous SiO_2 under the same conditions yielded 90.5% of SO_3. The increase of yields in the presence of SiO_2 has a direct relation to the reaction of the formation of $CaSiO_3$, degree of pulverization of SiO_2 and the SiO_2 modification used. Expll. details and data are given. Forty references.

A. A. Podgorny



Reduction of calcium sulfate in a suspension. P. P Budnikov and E. I. Kirch. *J. Applied Chem.* (U. S. S. R.) 9, 1029-30(III English 1030)(1936).—The existing methods of prepg. CaS are reviewed. To avoid a decrease of the output of CaS, due to a prolonged contact with $CaSO_4$, reduction in suspension is suggested. A rise of a temp., an increase of the amt. of reducing agent and of the concn. of pptg. particles in the reduction zone, and a decrease of size of the pptg. particles increases output of CaS. Thirty literature and four patent references. A A P

CA

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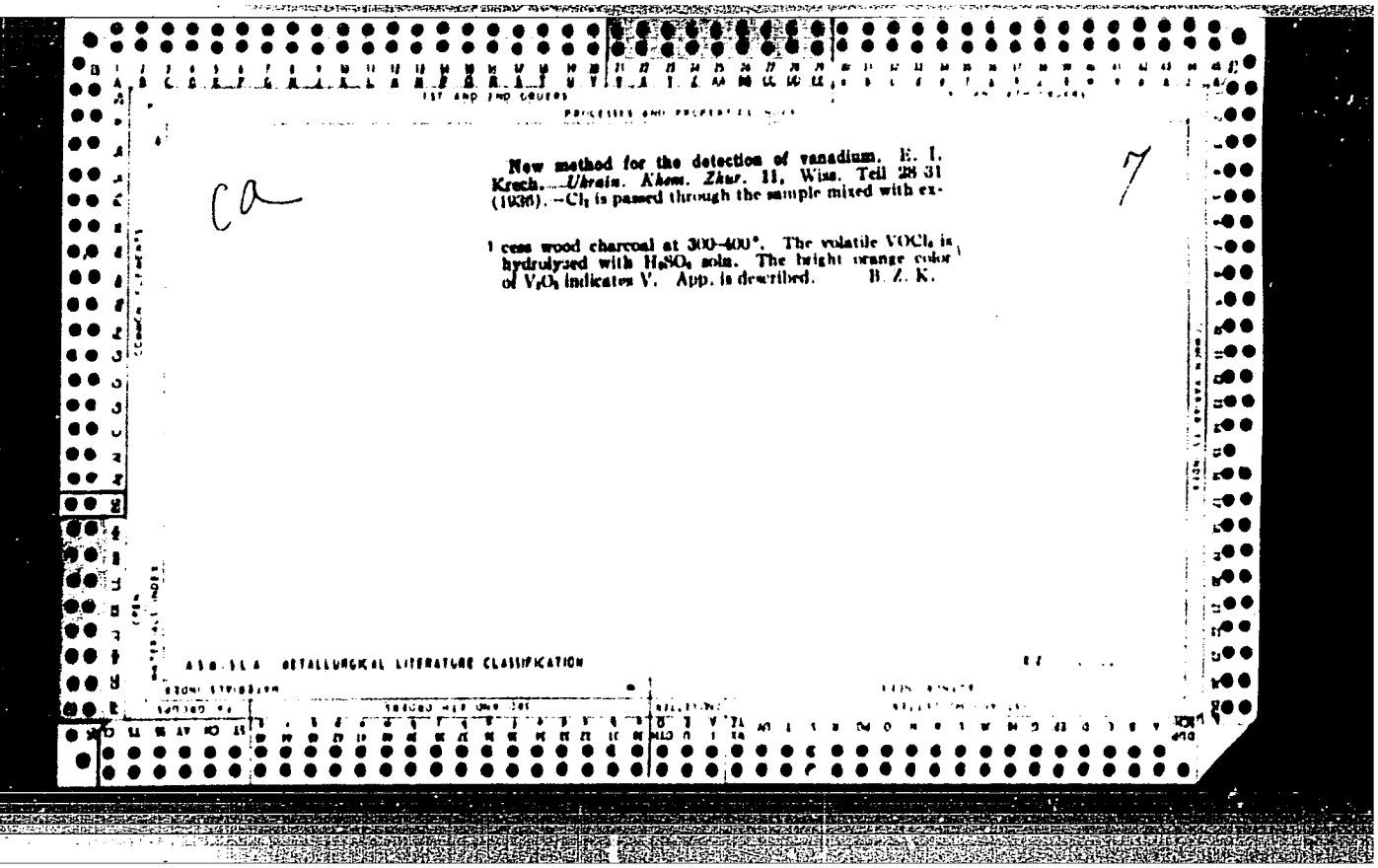
A50-51A METALLURGICAL LITERATURE CLASSIFICATION



New method for the detection of vanadium. E. I. Krech.—*Ukrain. Khem. Zhur.* 11, Wiss. Teil 28-31 (1936).—Cl_2 is passed through the sample mixed with excess wood charcoal at 300–400°. The volatile $VOCl_3$ is hydrolyzed with H_2SO_4 soln. The bright orange color of V_2O_5 indicates V. App. is described. B. Z. K.

CA

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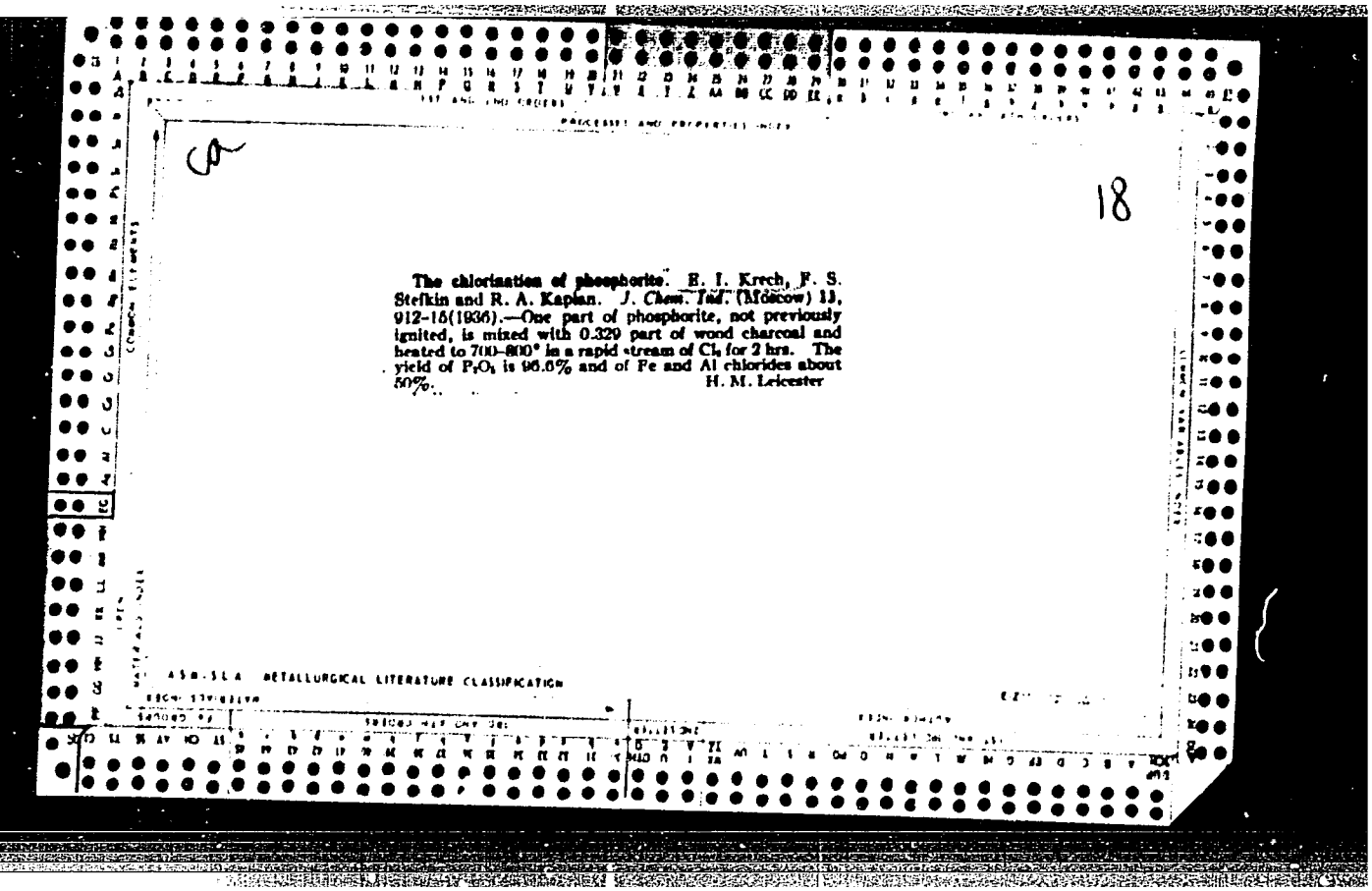
ASTIA METALLURGICAL LITERATURE CLASSIFICATION

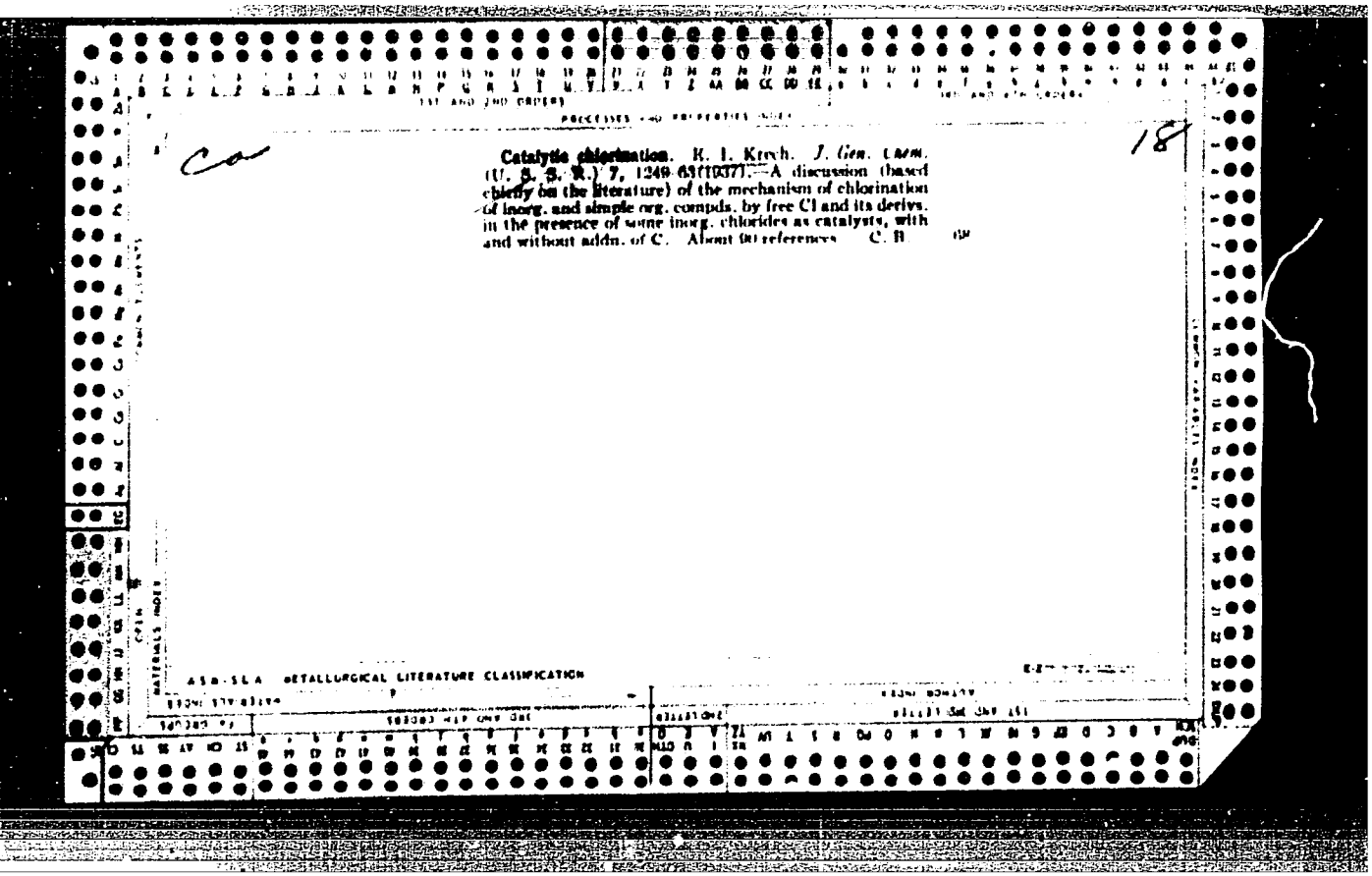


18

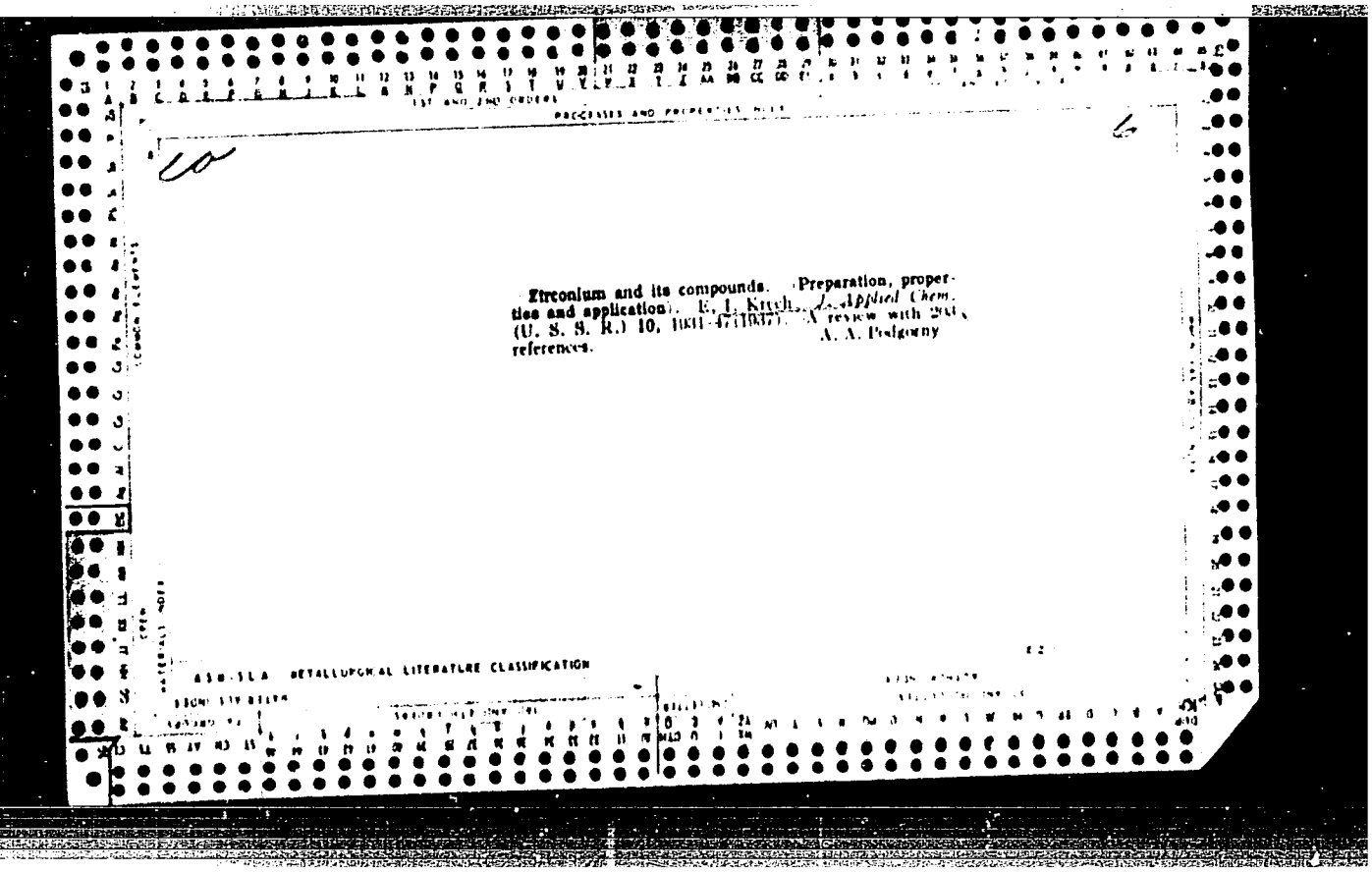
The chlorination of phosphorite. E. I. Krech, F. S. Stefkin and R. A. Kaplan. *J. Chem. Ind.* (Moscow) 13, 912–15(1936).—One part of phosphorite, not previously ignited, is mixed with 0.329 part of wood charcoal and heated to 700–800° in a rapid stream of Cl_2 for 2 hrs. The yield of P_2O_5 is 96.6% and of Fe and Al chlorides about 50%.

H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



Catalytic chlorination. R. I. Krech. *J. Gen. Chem.* (U. S. S. R.) 7, 1249-63(1937).—A discussion (based chiefly on the literature) of the mechanism of chlorination of inorg. and simple org. compds. by free Cl and its derivs. in the presence of some inorg. chlorides as catalysts, with and without addn. of C. About 80 references. C. B.



Zirconium and its compounds. Preparation, properties and application. E. I. Krych. *J. Applied Chem.* (U. S. S. R.) 10, [illegible]. A review with 201 references. A. A. Pedgorny

PROCESSES AND PROPERTIES INDEX

Preparation of chlorine-resistant and refractory lute. P. P. Budnikov and R. I. Krech. *Ukrain. Khem. Zhur.* 12, 91-4(1937).—Lutes were prepd. from andesite (I), Na_2SiF_6 (II), and 40° Bé. sol. glass. The compn. of I was: SiO_2 62.30, Al_2O_3 15.60, Fe_2O_3 2.95, CaO 5.25, MgO 4.10, MnO 0.06 and alkalies 5.90%. The lutes were tested in the system: fused mixt. and vapor of KCl-$MgCl_2$ (30%) –gaseous HCl—Cl_2—H_2O—air. Best results were obtained with a lute contg. 95% of I, 5% of II, and sol. glass (60-70% by wt. of dry mixt. of I and II). The lute is to be tried under plant conditions. B. Z. Kamich

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

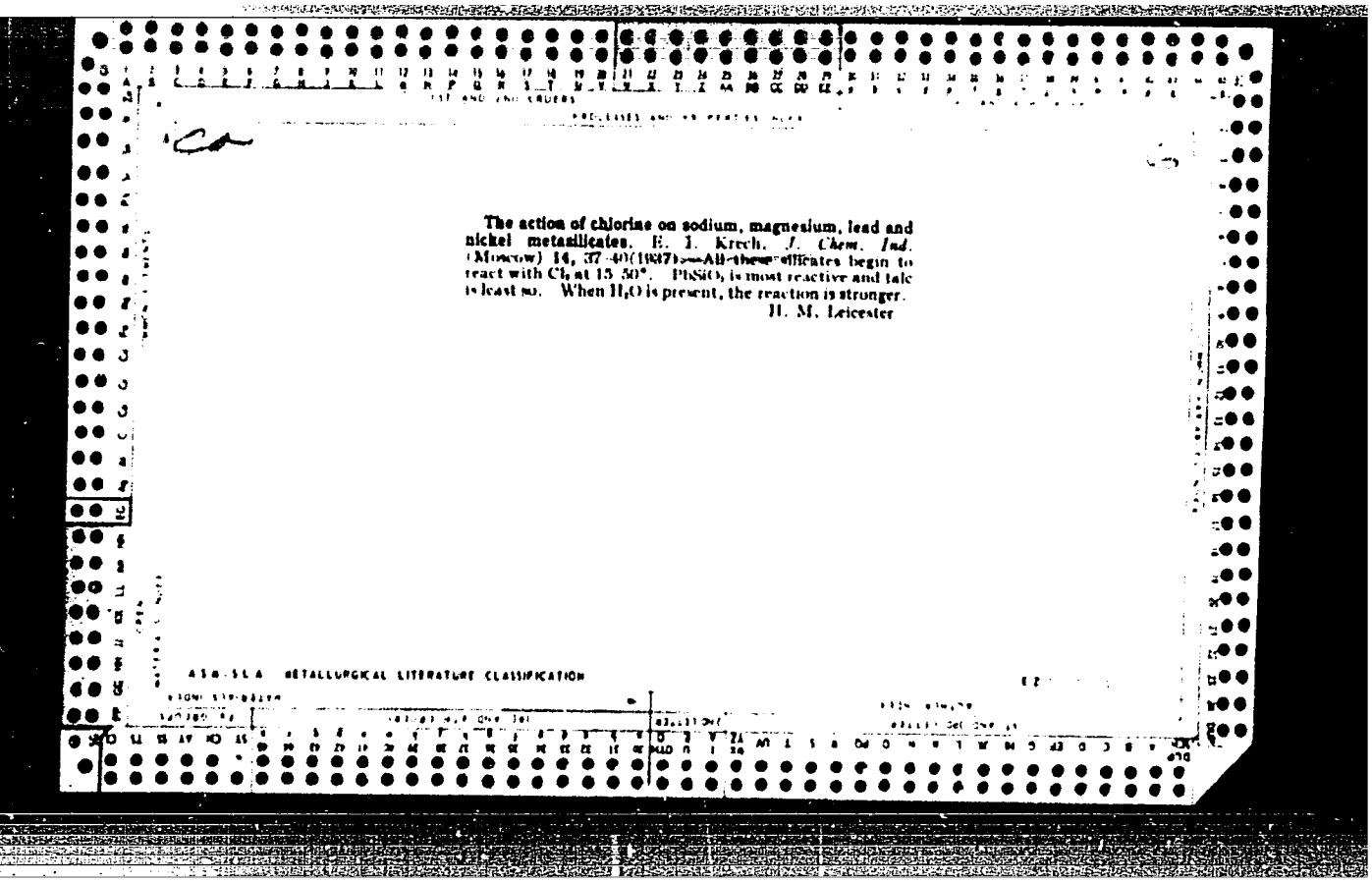
KRETSH, E.I.

BC

Action of chlorine on certain calcium silicates. P. P. BUDNIKOV and E. I. KRETSCH (Ukrain. Chem. J., 1937, 12, 183—189).—Equal amounts of $CaCl_2$ are produced in a given time by chlorination at 18—750° of CaO,SiO_2, $2CaO,SiO_2$ (both prepared from CaO and SiO_2 at 1450°), or CaO, whence it is concluded that CaO is present in the free state in all cases. R. T.

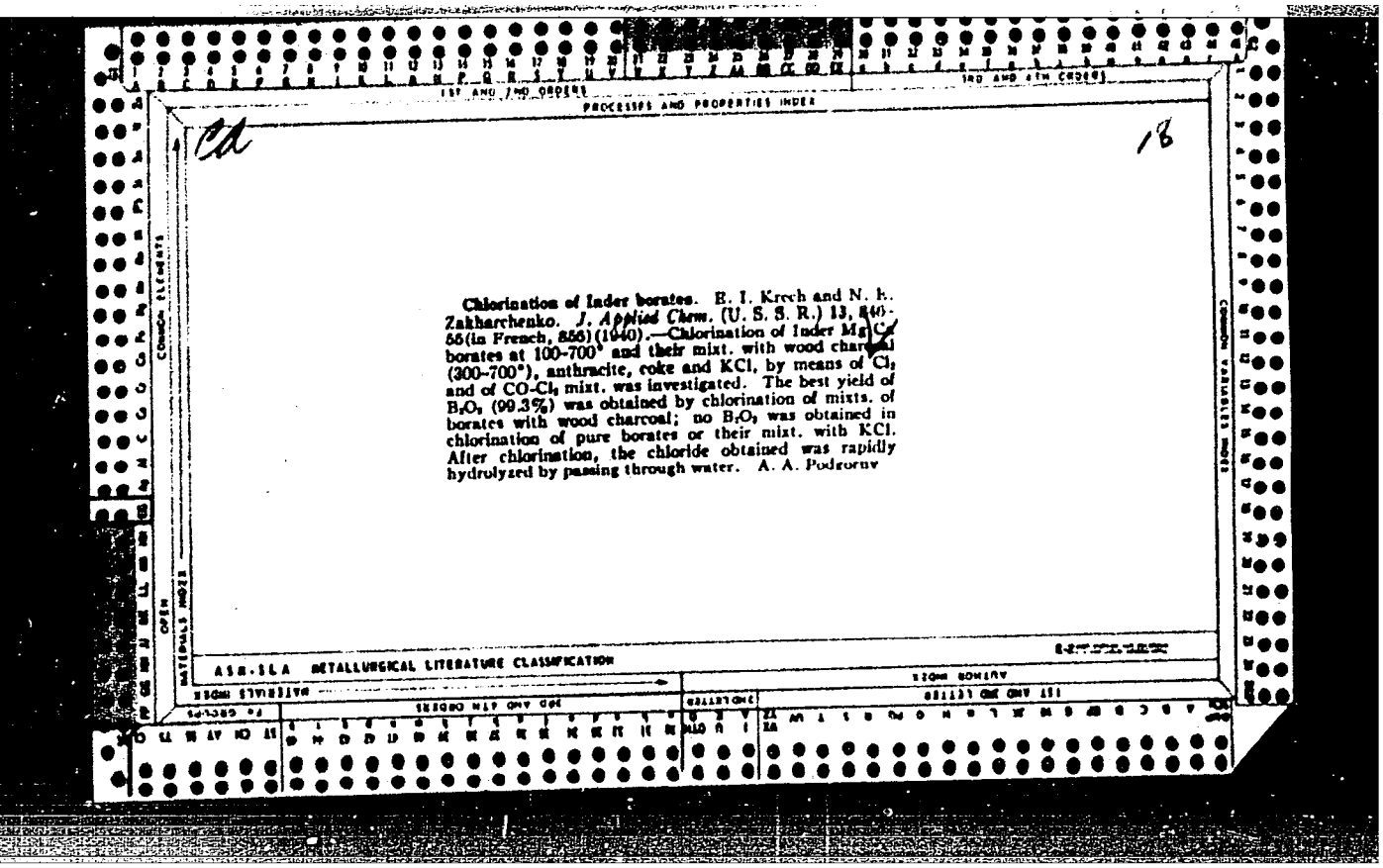
Chem. 10-1

AF



The action of chlorine on sodium, magnesium, lead and nickel metasilicates. E. I. Krech. *J. Chem. Ind.* (Moscow) 14, 37–40(1937).—All these silicates begin to react with Cl_2 at 15–50°. $PbSiO_3$ is most reactive and talc is least so. When H_2O is present, the reaction is stronger.
H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



Chlorination of Inder borates. E. I. Krech and N. K. Zakharchenko. *J. Applied Chem.* (U. S. S. R.) 13, 840-55 (in French, 856) (1940).—Chlorination of Inder $MgCl_2$ borates at 100-700° and their mixt. with wood charcoal (300-700°), anthracite, coke and KCl, by means of Cl_2 and of CO-Cl_2 mixt. was investigated. The best yield of B_2O_3 (99.3%) was obtained by chlorination of mixts. of borates with wood charcoal; no B_2O_3 was obtained in chlorination of pure borates or their mixt. with KCl. After chlorination, the chloride obtained was rapidly hydrolyzed by passing through water. A. A. Podgornv

KREICH, E. I.

Calcium sulphate as a source of sulphur chlorides. I. Chlorination of calcium sulphate in presence of reducing agents. II. Optimum conditions for the chlorination process. P. P. Budnikov and E. I. Kretich (*J. Appl. Chem. Russ.*, 1941, **14**, 747—754, 755—765; cf. A., 1936, 1211).—I. When the mixture $CaSO_4$ (gypsum) + 4C (lignin C) was chlorinated over the range 225—850°, the $CaSO_4$ began to decompose at 345° to give S chlorides (I), the yield of S as SO_2 rising rapidly as the temp. increased to 725° (96% yield). The max. yield of S at 740—750° was obtained with the mixture $CaSO_4$ + 3C. Under these conditions, max. yields were obtained using soot or lignin C or sugar C (98·5—98·7%), and the lowest yield with coke (87·4%); anthracite, bone C, or electrode C gave intermediate yields. At the optimum conditions (740—750°, $CaSO_4$ + 3C (lignin)], the reaction was very rapid, a 96% yield being obtained in 15 min. The addition of NaCl or Na_2SO_4 (0·1 g.-mol. per g.-mol. $CaSO_4$) increased the speed of the reaction at 630—640°; addition of Fe_2O_3 or of SiO_2 decreased the yield of S. All experiments were carried out with small samples.

II. Repetition confirmed the above results for larger quantities of the reactants. The optimum temp. for the prep. of (I) by chlorinating the stoicheiometric mixture $CaSO_4$ + 3C (anthracite) + 0·1 g.-Na_2SO_4 (all previously baked together at 600—800°) was 730—750°. Chlorination of the stoicheiometric mixture $CaSO_4$ + [illegible] + 0·1 g.-Na_2SO_4 produced both CS_2 and (I). The heat produced during the reactions is calc.

N. G.

CA

Relation between the ionic radii of metals in oxides, their structure, and the temperature of beginning reaction between the oxides and chlorine. B. I. Krech. *Doklady Akad. Nauk S.S.S.R.* 78, 517–18(1951).—A survey of literature data (original detns. for CrO_3 and V_2O_5) gives the following temps. of beginning reaction with Cl_2 for various oxides: $CrO_3 \sim 200$, $MgO_3 \sim 500$, $WO_3 > 500$, $V_2O_5 \sim 400$, $Nb_2O_5 < 850$, $Ta_2O_5 \sim 1250$, $TiO_2 \sim 850$, $ZrO_2 \sim 1000$, ZnO 330, $CdO \sim 250$, HgO 20, $BeO \sim 1100$, $MgO \sim 800$, $CaO <$ 500, $SrO < 100$, $BaO < 100$, $B_2O_3 > 900$, Al_2O_3 900, CO, no reaction, SiO_2 950°. In combination with data of the radii of the corresponding metal ions in crystals of the oxides, and the electronic structures of the metal ions in the oxides, these data reveal the following two rules: (1) the temp. of beginning reaction with Cl_2 of oxides of metals of the subgroups of the periodic system increases with increasing no. of electronic shells if the outer shell of the metal consists of 8 electrons; (2) for metal ions of subgroups of the periodic system having an outer shell of 18 electrons the temp. of beginning reaction of the oxide with Cl_2 decreases with increasing no. of electron shells; the same applies to ions of metals of main groups of the periodic system, no matter whether the outer shell consists of 8 or 18 electrons N. T.

KRECH, E.I.; CHIZHIKOVA, G.A.; BORISYUK, Yu.G., dotsent, direktor.

Experiments for the investigation and elimination of causes of spoilage of zinc drops. Apt.delo 2 no.2:30-33 Mr-Ap '53. (MLRA 6:5)

1. Kafedra neorganicheskoy khimii Khar'kovskogo farmatsevticheskogo instituta Ministerstva zdravookhraneniya USSR. (Zinc) (Drugs)
(CA 47 no.16:8319 '53)

KRECH, E.I.; CHIZHIKOVA, G.A. (Khar'kov)

Keeping zinc drops. Apt.delo 4 no.2:39-40 Mr-Ap '55. (MLRA 8:5)
(ZINC,
preserv. of zinc drops in pharm.)

S/147/59/000/04/020/020
E031/E413

AUTHOR: Zolotukhin, V.K.

TITLE: The Scientific-Technical Conference at Khar'kov Aviation Institute

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, Nr 4, pp 161-165 (USSR)

ABSTRACT: In May 1959, the 16th Conference of Professorial and Teaching Staff took place.

Mathematics and Mechanics Section. The following papers were read: "A Spectral Representation of the Theory of Axisymmetric Turbulence" by Candidate of Physical and Mathematical Sciences G.M.Taranova; "Some Evaluations for Functions with Positive Real Parts" by Assistant G.S.Shpak; "Existence, Uniqueness and Correctness Theorems for Mixed Systems of Functional Equations" by Docent, Candidate of Physical and Mathematical Sciences M.N.Tikhov; "On the Application of Bell and Chebyshev Points to the Solution of Some Problems in the Synthesis of Four Bar Linkages" by Docent, Candidate of Physical and Mathematical Sciences Ya.L.Geronimus; "The Influence of the Structural Properties of Functions on the Convergence Almost Everywhere of their Conjugate Fourier Series" by Docent, Candidate of Physical and Mathematical Sciences B.I.Golinskiy.

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General Technological Section. The following papers were read: "The Relation Between the Compton Length of Waves, the Length of de Broglie Waves and the Acceleration Potential for High Energy Particles" by Docent, Candidate of Physical and Mathematical Sciences I.Ya.Mints; "The Problem of Determining the Heat Transfer Coefficient of Conductors" by Senior Instructor P.P.Bezuglov; "An Electron-Graphical Method of Investigating the Structure of Matter" by Assistant I.Ya.Surovtsev; "On the Results of the VIIIth Mendeleyev Congress of Chemists of the USSR" by Docent, Candidate of Chemical Sciences E.I.Krech.

Electrical and Radio Technology Section. The following papers were read: "On the Problem of the Optimum Passage of Transients in an Electric Drive with a Controlling Exciter" by Docent, Candidate of Technical Sciences M.M.Perel'muter; "The Experimental Determination of the Reactances in Synchronous Machines" by Senior Instructor S.V.Khmel'nitskiy; "An Experimental Method of Investigating Electric Fields" by Assistant A.I.Lopatin; "A Discrete Transformer of Current into Code Signals with Magneto-Electric Comparison Units" by Docent, Candidate of Technical Sciences G.M.Rutayev; "The Application of Infrared Instruments in Aviation" by Docent, Candidate of Technical Sciences I.D.Artamonov.

Card 4/11

General Engineering Section. "The Adaptation of a Thermobaric Chamber to the Simulation of the Sinking of a Mine Shaft in Quicksand and Certain Results of Investigations to Determine the Mechanical Characteristics of Sand at Different Temperatures and Humidities" by Docent, Candidate of Technical Sciences S.V.Ulyashenko; "Friction and Abrasion in Cermets" by Docent, Candidate of Technical Sciences O.I.Goldayeva; "The Construction of Multi-Satellite Planetary Gears" by Assistant V.A.Tkachenko; "The Influence of Work Hardening on the Fatigue of Threaded Connections" by Assistant V.M.Rydchenko; "Investigation of Cermets Slide Bearings" by Assistant A.S.Efoyan.

BUDNIKOV, Petr Petrovich, akademik, zasluzhennyy deyatel' nauki i tekhniki, trizhdy laureat Stalinskoy premii; KUKOLEV, G.V., prof., doktor tekhn.nauk, otv.red.; BEREZHNOY, A.S., red.; AVGUSTINIK, A.I., prof., red.; BUTT, Yu.M., prof., red.; MCHEDLOV-PETROSYAN, O.P., prof., red.; GINSTLING, A.M., prof., red.; SMELYANSKIY, I.S., prof., red.; ZNACHKO-YAVORSKIY, I.L., kand.tekhn.nauk, red.; ZHIKHAREVICH, S.A., kand.tekhn.nauk, red.; KRECH, E.I., kand.tekhn.nauk, red.; MATVEYEV, M.A., kand.tekhn.nauk, red.; ROYAK, S.M., kand. tekhn.nauk, red.; NEMCHENKO, Ye.M., red.izd-va; MARCHUK, G.T., red.izd-va; KADASHEVICH, O.A., tekhn.red.

[Selected works] Izbrannye trudy. Kiev, Izd-vo Akad.nauk USSR, 1960. 571 p. (MIRA 13:7)

1. AN USSR; chlen-korrespondent AN SSSR (for Budnikov). 2. Chlen-korrespondent AN USSR (for Berezhnoy).
(Silicates) (Ceramic materials) (Refractory materials) (Binding materials)

85023

11.1260
11.1160

S/078/60/005/012/004/016
B017/B064

AUTHOR: Krech, E. I.

TITLE: The Peroxide Mechanism of Thermal Decomposition of Oxygen-containing Inorganic Acids

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 12, pp. 2662-2671

TEXT: The theory of the decomposition mechanism of oxygen-containing inorganic acids was discussed, and its disadvantages were pointed out. The simultaneous splitting of electron pairs between hydrogen and oxygen, on the one hand, and the oxygen-containing groups SO and CO, on the other, is regarded to be impossible. The peroxide mechanism suggested for the decomposition of oxygen-containing inorganic acids is applicable to non-dissociated or weakly dissociated acids, but not to strongly dissociated acids. The mechanism suggested may also be applied to cases in which the bond energy between oxygen and the acid-forming atom in the molecule is the least, and the internuclear distances are widest. The decomposition of $HClO$, $HBrO$, and HIO was explained in consideration of the peroxide

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The Peroxide Mechanism of Thermal Decomposition of Oxygen-containing Inorganic Acids

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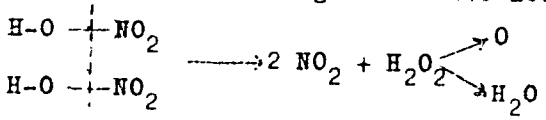
B017/B064

mechanism. In aqueous ClO_2 solutions, no $HClO_2$ and $HClO_3$ form. The thermal decomposition of sulfuric and sulfurous acid was discussed in consideration of the peroxide mechanism. The decomposition process of 65% sulfuric acid solutions and those of higher concentration at temperatures above 60°C apparently takes place under formation of H_2O_2 and SO_2. The decomposition of nitric acid proceeds under formation of the pseudo acid $HONO_2$. The nitration process of hydrocarbons, especially in the presence of concentrated sulfuric acid, is described by the following equations, with the peroxide mechanism being taken into account:

a)



The Peroxide Mechanism of Thermal Decomposition of Oxygen-containing Inorganic Acids

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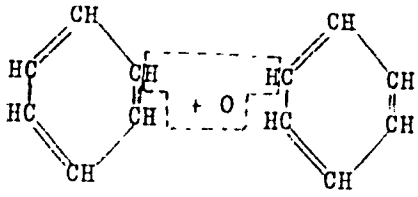
B017/B064

b)  $\longrightarrow H_2O + 2\ C_6H_5^o$

c) $2\ C_6H_5^o + 2\ NO_2^o \longrightarrow 2\ C_6H_5NO_2$

$2\ C_6H_6 + 2\ HNO_3 \longrightarrow 2\ H_2O + 2\ C_6H_5NO_2$

Concentrated sulfuric acid binds water, thus accelerating reactions b) and c). The following course of reaction is given for the formation mechanism of nitro-methane from CH_4 and HNO_3 at 300-500°C:

a) $2\ HNO_3 \longrightarrow 2\ NO_2^o \xrightarrow{2\ O} 2\ NO$ + $H_2O_2 \xrightarrow{CH_4} H_2O$

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85523

The Peroxide Mechanism of Thermal Decomposition of Oxygen-containing Inorganic Acids

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b) $2\ CH_4 + O \rightarrow 2\ CH_2^{\circ} + H_2O$

c) $2\ CH_2^{\circ} + 2\ NO_3^{\circ} \rightarrow 2\ CH_3NO_2$.

This paper was subject of discussions held at the meeting of the Section of General and Physical Chemistry of the Vsesoyuznoye khimicheskoye obshchestvo im. D. I. Mendeleyeva (All-Union Chemical Society imeni D. I. Mendeleyev), Khar'kov, 1957. The author refers to data supplied by Ya. K. Syrkin, M. G. Dyatkina, and V. Kondrat'yev. There are 22 references: 13 Soviet, 4 US, 4 British, and 7 German.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut, Kafedra obshchey khimii (Khar'kov Aviation Institute, Chair of General Chemistry)

SUBMITTED: June 21, 1958

Card 4/4

KRECH, E. I.

At the Kharkov section of the Mendeleev All-Union Chemical Society (seminar on general chemistry). Zhur. VKHO 7 no.5:576 '62. (MIRA 15:10)

(Periodic law)

KRECH, E.I., dotsent

Conference on methods and research of the representatives of the departments of general inorganic chemistry of the institutions of higher education of the U.S.S.R. Zhur. VKHO [illegible] no.5: 583-584 '64 (MIRA 18:1)

KHECHEK, V.

More attention to norm research laboratories. Sots.trud no.8:104-105 Ag '56. (MIRA 9:10)

1. Inzhener otdela rabochikh kadrov, truda i zarabotnoy platy Ministerstva chernoy metallurgii SSSR.
(Steel industry--Production standards)

KHECHEK, V.U., inzh.

Socialist competition in the enterprises of oil, perfumery and cosmetics industry under the Moscow City Economic Council. Masl.-zhir.prom 28 no.11:1-3 N '62. (MIRA 15:12)
(Moscow—Oil industries) (Socialist competition)

KRECHENSKIY, Mikhail Mikhaylovich; PLOKHOV, Vladimir Ivanovich

[Boring wells for water] Burenie skvazhin na vodu. Mo-
skva, Nedra, 1965. 290 p. (MIRA 18:11)

KUPLYAYEV, I.M. (Leningrad, B. Pushkarskaya ul. d. 30., kv.2[illegible]; IVLIYEV, N.N. (Gor'kiy, ul. Radistov, d.6, kv.6); CHERNOV, Ye.G. (Gor'kiy, ul. Radistov, d. 6, kv.6); PISAREV, A.L. (Moskva, Lyubertsy, 4. pos. Vsesoyuznogo nauchno-issledovatel'skogo ugol'nogo instituta, d.5, kv.5); GASPAROV, R.G. (Moskva, I-51, 2-y Kolobovskiy pereulok d.9/2 kv.18); POPOV, B.I. (Irkutsk, 13, Depovskiy pereulok, d.83, kv.2); PIONTKOVSKIY, B.A. (Moskva, Ye-77, Sredne-Pervomayskaya ul. d.13, kv.4); VEDENEYEV, G.M. (Moskva, I-110, B. Spasskaya, d. 15/17, kv.29); KRICHEV, V.G. (Uzhgorod, Zakarpatskaya obl., ul. Kosmodem'yanskoy, d.4, kv.69); SIDORENKO, A.P. (Leningrad, ul. Frunze, d.15, kv.38); SPIRIDONOV, A.V. (Leningrad, ul. Frunze, d.15, kv.38); SEREDA, P.A. (Moskva); IL'IN, V.F.; PEL'TSMAN, L.N.; DANILEVICH, A.I. (Khar'kov, Plekhanovskiy pereulok, d.9a, kv.2); KHIMENKO, L.T. (Khar'kov, Plekhanovskiy pereulok, d.92, kv.2); LYKOV, M.V. (Moskva, Leninskiy prospekt, d.55); RYBAL'CHENKO, G.F. (Moskva, Leninskiy prospekt, d.55); BOYKO, V.F. (Leningrad, M-142, ul. Tipanova, d.3, kv.130); KITAYEV, G.I. (Chelyabinsk, Smolenskaya ul. d.4); SKLYAROV, A.Ye. (Novocherkassk, Rostovskoy obl. pos. Oktyabr'skiy, Gvardeyskaya ul. d.30, kv.29)

Discoveries and inventions. Prom. energ. 19 no.11:57-58 N '64.
(MIRA 18:1)

1. Zavod "Amurkabel'", Khabarovsk (for Il'in, Pel'tsman).

ACC NR: AP7001529 (A,N) SOURCE CODE: UR/0193/66/000/012/0017/0018

AUTHOR: Krechmer, V. G. (Candidate of technical sciences); Paisov, I. V. (Doctor of technical sciences)

ORG: none

TITLE: High-strength structural steel 40KhGSTF

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 12, 1966, 17-18

TOPIC TAGS: high strength steel, low alloy structural steel, ~~steel~~ metal heat treatment, ~~steel~~ mechanical property, steel wear resistance/40KhGSTF steel

ABSTRACT: A 40KhGSTF low-alloy high strength structural steel was developed as a wear-resistant modification of standard 30KhGS steel by increasing the carbon content from 0.25–0.35% to 0.40–0.45% and by additional alloying with 0.1–0.15% Ti and 0.15–0.20% V. Quenched from 880C and tempered at 200C, 40KhGSTF steel had a tensile strength of 200kg/mm^2, a yield strength of 180kg/mm^2, an elongation of 8 %, a reduction of area of 36% and a notch toughness of 5.0 m-kg/cm^2. The steel was tested for wear resistance in a chain conveyer. The chain rollers were 36mm in diameter and heat-treated to a hardness of 55RC, and the chain link plates were 400mm long, 12mm thick, with a hardness of 40–42RC. After 7400-hr operation during which 700,000 tons of coal were transported, the wear of 40KhGSTF steel rollers and link plates was 0.2—1.5 and 2.2—2.5, respectively, compared with 1.5—2.9 and 4.0—6.6 for rollers and link plates

Card 1/2 UDC: 669.15—194

ACC NR: AP7001529

made from standard 40Kh steel. In a subsequent design, the chain links were made from St. 45 carbon steel with pressed-in heat-treated 40KhGSTF steel bushings. The service life of such chains was more than two times longer than that of 40Kh steel chain. An additional advantage is that 40KhGSTF steel can be used for parts whose operational temperature may reach 300—350C. [MS]

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 5110

Card 2/2

KRECHET, G.V., prof, kand.filos.nauk

"General histology with principles of the embryology of domestic animals" by I.F. Ivanov. Reviewed by G.V. Krechet. Veterinariia 36 no.8:87-89 Ag '59. (MIRA 12:11)
(Histology) (Veterinary embryology)

KRECHET, V.Ya.

All-Union Exhibition of labor reserves. Izobr. i rats. no.6: 42-44 Je '58. (MIRA 11:9)
(Moscow--Engineering--Exhibitions) (Technical education)

KRECHETKOVA, G.L.; CHUDINOVA, I.A.; SHAFOT, V.S.

Characteristics of polyvinyl sulfate as the inhibitor of ribo- and deoxyribonucleases. Biokhimiia 28 no.4:682-693 Jl-Ag '63. (MIRA 18:3)

1. Laboratoriya biokhimii Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR, Moskva.

[illegible]OV, A., Geroy Sotsialisticheskogo Truda [illegible] SSSR, laureat Leninskoy premii; KRECHETNIKOV, N.; ZHELUDEV, N.; NAZAROV, M.; [illegible], G.

At our factory. [illegible] 40 no.9:[illegible]

(MIRA 17:12)

1. Direktor Pervogo gosudarstvennogo podshipnikovogo zavoda (for [illegible]). 2. Nachal'nik shtaba grazhdanskoy oborony Pervogo gosudarstvennogo podshipnikovogo zavoda (for Krechetnikov). 3. Sekretar' partiynogo komiteta Pervogo gosudarstvennogo podshipnikovogo zavoda (for Zheludev). 4. Sekretar' [illegible] komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi Pervogo gosudarstvennogo podshipnikovogo zavoda (for Plakhotnyy).

KRECHETNIKOV, SERGEI IVANOVICH.

Anglo-russkii slovar' po obshchemu mashinostroeniiu. Pod red. prof. N. S. Acherkana. Moskva, Glav. red. tekhnicheskikh entsiklopedii i slovarei, 1937. 575 p.

Title tr.: English-Russian dictionary of general mechanical engineering.

TJ9.K7

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

KRECHETNIKOV, Sergey Ivanovich; ACHERKAN, N.S., prof., doktor tekhn. nauk, red.; MOSHENTSEVA, I.I., red.; PLAKSHE, L.Yu., tekhn. red.

[English-Russian dictionary of mechanical engineering and tatalwork] Anglo-russkii slovar' po mashinostroeniiu i metalloobrabotke. Izd.2., perer. i dop. Pod red. N.S.Acherkana . Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 678 p. (MIRA 14:6)
(Mechanical engineering--Dictionaries)
(English language--Dictionaries--Russian)

KRECHETNIKOV, V.A., inzhener.

Pavement for railroad crossings made of reinforced concrete slabs. Zhel. dor. transp. 39 no.3:78-79 Mr '57. (MLRA 10:4)
(Railroads--Crossings) (Concrete slabs)

KRECHETNIKOV, V.A., inzh.

Conference on reinforced concrete ties. Transp.stroi. 10 no.2:54 F '60. (MIRA 13:5)
(Railroads--Ties, Concrete)

FRECHETOV, A.

The 6STE1h0 tank storage battery. No 8.

Tankist, No 12, 1948.

KRECHETOV, A.A.

"Repairing dies used in the automobile industry" by S.I.Efremov. Reviewed by A.A.Krechetov. Avt.prom. 27 no.12:44 D '61. (MIRA 15:1)

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