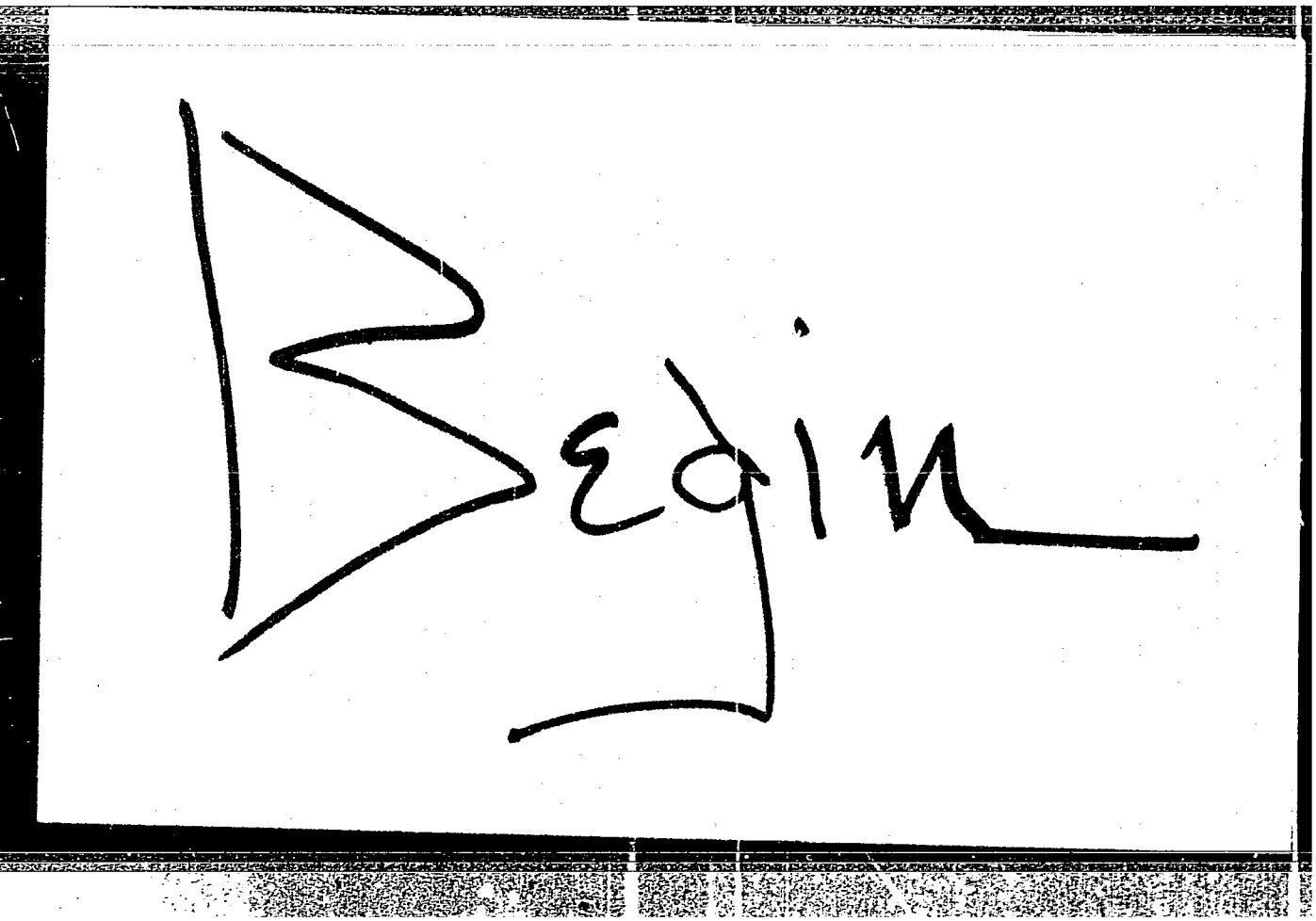

Reel # 265

Krichmayer, S.

[illegible], Stanislaw, [illegible]; [illegible]
[illegible]
KIERNACKA, [illegible]

Erythrocytin activity of normal blood cells in some [illegible].
Pol. tyg. lek. 20 no.2:43-45 11 Ja '65

1. 2 II Kliniki Chorob Wewnetrznych Akademii Medycznej w Krak[illegible]
(Kierownik: doc. dr. Stanislaw Kirchmayer).

KRICKA, V., and others

New methods for milling wheat allowing better utilization of the milling machinery, p. 27.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren) Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2, Feb. 1960

Uncl.

KRICKA, V., and others.

Shaking machinery. p. 66.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren) Prah, Czechoslovakia, Vol. 5, no. 2, Feb. 1960.

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2, Feb. 1960.

Uncl.

KRICKOOH, L.A.

Contribution to surgical technique in operations on the septum nasi in outer nose disfigurement. Acta chir. plast. (Praha) 6 no.2:124-132 '64

1. Institute of Medical Cosmetics of the Ministry of Health of the RSFSR, Moscow (U.S.S.R.) Director : A.F. Akhabadze.

NYVLT,J.; GOTTFRIED,J.; KRICKOVA,J.

On crystallization. Pt.10. Coll Cz Chem 29 no.1:161-167 Ja'64

1. Forschungsinstitut fur anorganische Chemie, Usti nad Labem.

NYVLT, J.; GOTTFRIED, J.; KRICKOVA, J.

Crystallization. Pt. 11. Coll Cz Chem 29 no.10:2283-2289 O' 64.

1. Forschungsinstitut fur anorganische Chemie, Hist and Labem.

(3)

CZECHOSLOVAKIA

NYVLT, J; SKRIVANEK, J; GOTTFRIED, J; KRICKOVA, J

Research Institute for Inorganic Chemistry
(Forschungsinstitut für anorganische Chemie),
Ústí nad Labem (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 5, May 1966, pp 2127-2136

"Crystallization. Part 19: Influence of agitation on the latitude of metastable zones."

NYVLT, Jaroslav; GOTTFRIED, Jaroslav; KRICKOVA, Jaroslava

Control of the sintering tendency of crystalline urea. Pt. 12. Chem prum 14 no.5:242-244 My '64.

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

Kricnar, M.

AGRICULTURE

KOHOUT, K. ; KRICNAR, M.

Research on fruit trees. p. 556.

Vol. 5, no. 10, 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 9, No. 4, April 1959

KRIČNAR, M.

AGRICULTURE

PERIODICAL: [illegible], VOL. 6, no. 2, 1959

Kričnar, M. Intergration of fruit farming and other agricultural production on collective farms. p. 87.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5, May 1959, Unclass.

KRICNAR, Miroslav, inz.

New methods of growing and protecting fruit trees. Vestnik CSAZV 7 no.8:399-402 '60. (EEAI 10:3)

1. Vyzkumny ustav ovocnarsky Ceskoslovenske akademie zemedelskych ved. Holovousy.
(Czechoslovakia--Fruit)

BENCZE, K.; Technicka spolupraca: KRIDLOVA, J.

Micromethod for the determination of allyl chloride in the atmosphere. Prac. lek. 15 no.4:150-153 My '63.

(AIR POLLUTION) (MICROCHEMISTRY)
(PHLOROGLUCINOL) (CHLORIDES)

Adamantane and its derivatives. I. Stanislav Landa, Svatopluk Kriebel, and Eduard Knobloch (Vysoká Škola Chem., Prague, Czech.). *Chem. Listy* 48, 61-[illegible] (1954).—Adamantane (I) was obtained from naphtha of Hodonín (Czech.) by superheated steam distn., satd. steam distn., and rectification over a 24-plate column. Yield [illegible]%, m. 269°. I (6.5 g.) and 18 g. Br heated in a sealed tube 2 hrs. on the steam bath, dissolved in 30 ml. CCl_4, washed with [illegible] ml. H_2O, Na_2SO_3, H_2O, and dried with Na_2SO_4 gave, after evapn. and sublimation at 70° and 20 mm., 6 g. (58.4%) *bromoadamantane* (II), m. 118.5-20°. I (1.5 g.) with 3 g. I_2 and 30 ml. CCl_4 heated 2 hrs. at 150° in a sealed tube yielded, after sublimation at 100° at 20 mm., 1.[illegible] g. of a product, m. 160-3°; crystd. from MeOH gave I and *iodoadamantane*, m. 151-2.5°. Heating 1 g. II with $CaCO_3$ in 30 ml. aq. MeOH (1:1) 2 hrs. at 115-20° in a sealed tube, filtering off the carbonate, and steam distg. the filtrate dild. with H_2O yielded 0.325 g. (45.0%) *hydroxyadamantane* (III), m. 288.5-90°. The same compd. was obtained from iodoadamantane and AgCN. Infrared spectra of I, II, and III are given. From the spectra of III it follows that the hydroxyl has probably tertiary character.

M. Hudlický

KRIECZETOW, I

Suszenie drewna. Wyd. 2. popr. Warszawa, Panstcwowe Wydawn. Rolnicze i Lesne, 1955. 464 p. (Drying of lumber. 2d rev. ed.)

DA Not in DLC

SO: MONTHLY INDEX OF EAST EUROPAEN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KRIEGEL, Karel, inz.

Railroad block system with light signals and semiautomatic WSSB relay block. Zel dop tech 11 no.11:334-335 '63.

KRIEGER, Odon, vegyeszmernok

Quick analysis of limestone. Cukor 11 no.3:82-83 Mr'58

1. Kaposvari Cukorgyar.

HUNGARY / Chemical Technology. Chemical Products and H-13
Their Application--Ceramics. Glass. Binding Materials. Concrete

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9105

Author : Krieger, O.

Inst : Not given

Title : A Rapid Method of Limestone Analysis

Orig Pub: Cukoripar, 1958, 11, No 3, 82-83

Abstract: No abstract

Card 1/1

KRIEGER, Odon

Chemistry of saccharose. Cukor 13 no.5:147-149 My '60.

HIGGINS, T.J.; KRIEGLER, F.J.

Sularea determination of the capacitance of a finite circular conical capacitor. Archiw elektrotech 11 no.4:693-705 '62.

1. University of Wisconsin, Madison, Wisconsin.

L 11231-66 EWP(i)/EWP(t)/EWP(n)/EWP(b) IJP(c) JD/RM

ACC NR: AP6004735 SOURCE CODE: GE/0063/65/334/05-/0283/0291

AUTHOR: Reich, P.; Kriegsmann, H.

ORG: Work Group for Physical Methods in Analytical Chemistry, Institute for Optics and Spectroscopy, German Academy of Sciences, Berlin-Adlershof (Deutsche Akademie der Wissenschaften, Arbeitsgruppe Physikalische Methoden der Analytischen Chemie am Institut fur Optik und Spektroskopie)

TITLE: Spectroscopical studies on silicon compounds. Part 26: Effects of substituents and solvents on the infrared and Raman intensities of the SiH valence oscillation in monohydrogenosilanes

SOURCE: Zeitschrift fur anorganische und allgemeine Chemie, v. 334, no. 5-6, 1965, 283-291

TOPIC TAGS: silane, halogenated organic compound, substituent, organic solvent, valence band, IR spectroscopy, Raman spectroscopy

ABSTRACT: The infrared and Raman intensities of the SiH oscillation in the compounds $X.C_6H_4(CH_3)_2SiH$ (X = H, p-F, p-Cl, p-Br, p-CH_3, p-CH_3O, m-Cl, m-Br, or m-CH_3) and some other monohydrogensilanes were described and discussed. The effects of tetrachloromethane, hexamethylsiloxane, and n-hexane solvents on the frequency, intensity, and half-band width of the SiH vibration were discussed theoretically. The authors thank Professor-Dr. Schott, Rostock, for the triphenylsilanes, dichlormethyldimethyl-hydrogensilanes and the bis-(monochlormethyl)-methyl-hydrogensilanes. For the tri-n-butylsilanes, the author thanks Mrs. Dr. Kessler, Dresden. Further thanks is given to Graduate-Physicist Kahlow,

Card 1/2

L 11231-66
ACC NR: AP6004735

Dresden, for the determination of the relative spectral sensitiveness of the Hilger-Raman spectrograph. Orig. art. has: 2 figures and 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 20Apr64 / ORIG REF: 008 / OTH REF: 012
SOV REF: 002

Card 2/2

S/262/62/000/020/001/009
E194/E135

AUTHORS: Kotátko, Josef, and Kriegsmann, Stanislav

TITLE: A low-pressure pneumatic nozzle

PERIODICAL: Referativnyy zhurnal, Silovyye ustanovki, no.20, 1962, 18, abstract 42.20.93.P. (Czech patent, cl. 24b, 8/03, no.99421, April 15, 1961)

TEXT: In the nozzle which is patented, air at a pressure of about 700 mm or water is delivered to the rich mixture mixing chamber through tangential apertures. Liquid fuel under a low static pressure is delivered to the chamber through a central nozzle, picked up by the air, swirled and delivered to the final mixing chamber which contains two rows of tangential-apertures which deliver air swirling in the opposite direction. The finally atomised fuel is delivered to a furnace.

[Abstractor's note: Complete translation.]

Card 1/1

KRIENDLER, OSCAR.

KRIENDLER, OSCAR. Elemente de calcul vectorial. Bucuresti "Editura Tehnica" 1956. 75 p. (Biblioteca Societatii de Stiinte Matematice si Fizice din R.P.R., 16) "Elements of vectorial calculus"
RPB Not in DLC

So: East European Accession, Vol. 6, No. 5, May 1957

KRIFSBERG.

The economic origin of the development of the plywood industry.

P. 208 (Przemysl Drzewny. Vol. 7, no. 7, July 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

KRESTANOV, I.

KRIESTANOV, I.

Meteorological Abst.
Vol. 4 No. 2
Feb. 1953
Aqueous Vapor and Hydrometeors

① Geo

4.2-195

551.576.11:551.574.1

Kriestanov, I., Vierkhu edin sluchai na uvolemiavane na oblachni kapki chrez slivane. [Growth of cloud droplets by coalescence.] Bulgarska Akademiia na Naukite, Sofia, Izvestiia, Seriia Fizicheska, 1:196-201, Jan./Dec. 1950. 5 refs., 14 eqs. In Bulgarian, Russian and English summaries p. 202-203. DLC—The mechanism of growth of relatively large water droplets coalescing with smaller droplets while falling in a cloud has been examined on the basis of the dynamical equations of MESTERSKI for a body with changing (increasing) mass. The resistance of the air has been accounted for in its most general form as dependent on the drag coefficient C. For C=const. the differential equation for the movement can be integrated exactly and the relation between the velocity, the radius of the droplet and the time is thus obtained. For relatively large droplets we receive:

$$v^2 = \frac{8g\rho w}{7e + 3c\epsilon} R$$

where v is the velocity, R the radius, g—gravity, ρw and ρ the densities of the droplet and the air, e—the water content of the cloud. The time needed for a droplet to grow from R_0 to R is given by

$$t = \frac{4\rho w\sqrt{7\epsilon + 3c\rho}}{e\sqrt{2g\rho w}} (\sqrt{R} - \sqrt{R_0}).$$

Subject Headings: **1. Drop accretion 2. Coalescence 3. Drop velocities 4. Drop size distribution.**—*Author's abstract.*

KRIEZA, F.

27

Separation of alkaline earth metals and magnesium from aluminum in the presence of phosphate by [illegible] originates by hydrolysis of carbamide [illegible] homogeneous solutions. [illegible]

[illegible]

with [illegible] of 2% NH_4NO_3 and det. the [illegible] ratio of Mg [illegible] Ca or Sr the max. ratio of Al_2O_3 [illegible] With Ba the ratio is 1:1. [illegible] N. Pl[illegible]

KRIFMAN, A.Ye.

Converting the EMP-209 automatic single-scale electronic bridge to a two-scale one. Priborostroenie no.7:30 Jl '63. (MIRA 16:9)

OSMINKIN, K.N.; KRIVUKS, B.D.

Chill casting of large parts from AL-2 steel alloy. Lit. proizv. no.8:19-20 Ag '53. (MLRA 6:8)
(Die--Casting)

T-10

USSR/Human and Animal Physiology - Nervous System.
Cortex of Cerebral Hemispheres.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32152

Author : Krigel', E., Broshtyanu, R., Neshtiany, V.
Inst : -
Title : Electroencephalographic Investigation of Cortical Activity. Changes of the Curve of the Latent Period of Cortical Reaction to Interrupted Light Stimulation. Role of Experimentally-Induced Spasm Attack and of Barbituric Sleep.

Orig Pub : Zh. med. nauk Akad. RNR, 1956, 1, No 2, 171-180

Abstract : In unanesthetized cats, the latent period of reactions (LPR) in the cortex in the region of the area striate to a second or third flash of light (relation of time of light and darkness 1/11) significantly exceeded the LPR to the first flash. After 7 flashes, LPR began to undergo uniform oscillations, which the author characterize by a calculated degree of standard deviation.

Card 1/2

USSR/Human and Animal Physiology - Nervous System. T-10
Cortex of Cerebral Hemispheres.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32152

Analogous oscillations of LPR of the retina, measured in curarized cats by the "w" wave of ERG, were not observed. After a spasm attack caused by electric shock, and during barbituric sleep, LPR in the cortex and the degree of standard deviation were lowered. It is proposed that in response to interrupted light stimulation, compound functional chains of neurons take part, the periodicity of the performance of which is impaired by the first light but is then restored. The decrease of LPR and of standard deviation during parabiotic conditions caused by a spasm attack or by barbituric sleep is considered a result of the release of some neurons of these chains.

Card 2/2

HUMANIA/Human and Animal Physiology - Nervous System. Cortex of Cerebral Hemispheres. T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32153

Author : Krigel, E. Broshtyanu, Neshtianu, V.

Inst : -

Title : Electroencephalographic Investigation of Cortical Reactiveness. II. Influence of Afterspasm and Medicated (Barbituate) Sleep. Retardation of the Latent Period of Cortical Responses During Interrupted Light Stimulations.

Orig Pub : Studii si cercetari neurol. Acad. RPR. Inst. neurol., 1957, 2, No 1, 53-67.

Abstract : Part I see RZhBiol, 1958, 4439.

Card 1/1

KRIGEL', E., NESHTIANU, V.

Electroencephalographic studies on cortical reactivity [with summary in English]. Zhur.vys.nerv.deiat. 8 no.4:570-581 Jl-Ag '58 (MIRA 11:9)

1. Institut nevrologii im. I.P. Pavlova Akademii Rumynskoy Narodnoy Respubliki.

(ELECTROENCEPHALOGRAPHY,
eff. of cortical stimulation & inhib. (Rus))
(CEREBRAL CORTEX, physiology
eff. of inhib. & stimulation, electrophysiol. (Rus))

KRIGEL', Ye., ARSENI, K.

Walking apraxia. [with summary in French]. Zhur.nevr. i psikh. 58 no.8:926-928 '58 (MIRA 11:9)

1. Neyrokhirurgicheskaya klinika gosudarstvennoy bol'nitsy no.9 imeni g. Marinesku, Bukharest.

(APRAXIA,
walk apraxia, (Rus))
(MOVEMENT DISORDERS,
same (Rus))

KREYNDLER, A.; KRIGEL', E.; NESHTIANU, V.; ANGELESKU, N.[Angelescu, N.]

Experimental studies on the problem of changes in the secondary reaction during barbiturate sleep following bilateral ligature of the common carotid arteries. Nauch. trudy Inst. nevr. AMN SSSR no.1:278-283 '60. (MIRA 15:7)

(CAROTID ARTERY--LIGATURE)
(CEREBRAL CORTEX)
(SLEEP THERAPY)

KREYNDLER, A.; KRIGEL', Ye.; POPLIGI, I.

Relations between EEG, plethysmogram and pneumogram in various forms of epilepsy. Zhur. nevr. i psikh. 61 no.9:1311-1319 '61. (MIRA 14:9)

1. Bukharestskiy institut nevrologii imeni I.P.Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest.
(EPILEPSY) (ELECTROENCEPHALOGRAPHY)
(PLETHYSMOGRAPHY) (RESPIRATION)

UZUNOV, G.; KRIGEL, E.(Bukuresht); BOZHINOV, S.; GEORGIEV, Iv.; ATSEV, Em.

Studies on the electroencephalographic picture in hyperkinetic progressive subacute encephalitis in Bulgaria. Izv. inst. fiziol. 5: 201-222 '62.

(ENCEPHALITIS diag) (ELECTROENCEPHALOGRAPHY)
(MOVEMENT DISORDERS diag)

KRAYNDLER, A., akad.; KRIGEL', Ye.; STOYKA, I.

[Epilepsy in children] Detskaia epilepsiia. Bucharest, Izd-vo Akad. Rumynskoi Narodnoi Respubliki, 1963. 269 p. (MIRA 16:12)

(EPILEPSY) (CHILDREN--DISEASES)

KRIGEL, E.; KREINDLER, A.; SOTIRESCU, M.

Research on positive delayed potentials induced by direct cortical stimulation. Rev. sci. med. 8 no. 1/2:19-24 '63.

(CEREBRAL CORTEX) (RETICULAR FORMATION) (BARBITURATES) (ELECTROENCEPHALOGRAPHY)

KREYNDLER, A.; KRIGEL', E.; STOYKA, E.; SOTIRESKU, N. [Sotiresco, N.]

Investigation of short-latency responses evoked by acoustic stimuli from somesthetic or visual zone of unanesthetized cats. Fiziol. zhur. 49 no.12:1391-1399 D '63.
(MIRA 17:12)

1. Institut nevrologii im. I.P. Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest.

ANTYSHEV, P.I.; KRIGEL', G.N.

ZPS-100 self-propelled mounted grain loader. Trakt.i sel'khozmash. no.6:34-35 Je '59. (MIRA 12:9)

1. Glavnyy spetsialist Gosudarstvennogo nauchno-tekhnicheskogo komiteta SSSR (for Antyshev).2. Glavnyy inzhener Odesskogo mekhanicheskogo zavoda (for Krigel').
(Loading and unloading) (Grain-handling machinery)

INOZEMTSEV, Kn.Kh., KRUGLOV, V.M.

Eastern boundary of the Ustyurt petroleum zone. Sov. geol. 8 no.6:131-135 Je '65. (MIRA 18:8)

1. Institut geologii i razvedki neftyanykh i gazovykh mestorozhdeniy.

KRIGER, A.

There is such a power. Za [redacted]p. dvizh. no.5:11 O '58.
(MIRA 11:12)

(Traffic safety)

KRIGER, A.M.

Automobiles

Structural improvements in the ZIS-150 automobile. Avt.trakt.prom., no. 4, 1954.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, [illegible] 1952. Unclassified.

KASHLAKOV,M.V., inzhener; OSIPOVA,V.N., inzhener; ZARUBIN,A.G., inzhener; KRIGER,A.M., redaktor; SMIRNYAGART,M.D., redaktor; UVAROVA,A.F., tekhnicheskiy redaktor

[ZIS-151 automobile; instructions for its care and operation] Avtomobil' ZIS-151; instruktsiia po ukhodu i ekspluatatsii. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 174 p. (MIRA 9:4)

1. Russia (1923- U.S.S.R.) Ministerstvo avtomobil'noy promyshlennosti. 2. Glavnyy konstruktor zavoda (for Kriger)
(Motor trucks)

KRIGER, A.M.; FREZINSKIY, M.L.

"Electric equipment of motor vehicles and tractors" by IU.M. Galkin. Reviewed by A.M. Kruger, M.L. Frezinskii. Avt.prom. 27 no.10:45 O '61. (MIRA 14:10)

1. Moskovskiy avtozavod imeni Likhacheva.
(Motor vehicles—Electric equipment)
(Galkin, IU.M.)

KRIGER, A.M.

"Strain measurement in motor-vehicle parts" by N.I. Vorontsova and others. Reviewed by A.M. Kriger. Avt. prom. 29 no.4:48-3 of cover Ap '63. (MIRA 16:6)

1. Moskovskiy avtozavod imeni Likhacheva.
(Motor vehicles--Testing)
(Vorontsova, N.I.)
(Gel'fgat, D.B.)
(Lunev, I.S.)

ACC NR: AP6031291 (A) SOURCE CODE: UR/0113/66/000/009/0009/0015

AUTHOR: Kriger, A. M.

ORG: Moscow Motor Vehicle Plant im. Likhachev (Moskovskiy avtozavod)

TITLE: Development of ZIL truck designs

SOURCE: Avtomobil'naya promyshlennost', no. 9, 1966, 9-15

TOPIC TAGS: cargo truck, industrial truck, motor vehicle/ZIL-130 general purpose truck, ZIL general purpose truck

ABSTRACT: This article discusses the historical development of ZIL trucks and gives technical and performance data on various vehicles produced by the Moscow Motor Vehicle Plant over the years. These trucks are expected to be further developed for use on new roads and to operate on improved fuels. Should they be operated exclusively on paved roads in the future, it will be possible to redistribute the load between their front and rear axles and to increase the permissible axle loading. This will permit an increase in the total weight of the two-axle and three-axle trucks, and the use of cab-over-engine designs. With an increase in the country's supplies of diesel fuel, it will be advantageous to start using diesel engines in the ZIL trucks. In addition, there is

Card 1/2 UDC: 629.113

ACC NR: AP6031291

said to be a need to decrease the number of points on the vehicles requiring servicing, and means for increasing their service life are required. Orig. art. has: 8 figures and 3 tables.

SUB CODE: 13/ SUBM DATE: none

Card 2/2

ACC NR: AP7000262 (A) SOURCE CODE: UR/0073/66/032/011/1239/1242

AUTHOR: Grodshteyn, A. Ye.; Kriger, E. M.; Nazarova, E. A.; Cherepanyn, V. V.; Soraya, L. Ya.

ORG: Donets Branch, All-Union Scientific Research Institute of Chemical Reagents and High-Purity Chemicals (Donetskiy filial, Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv)

TITLE: Study of ferrite powders obtained by thermal treatment of salt mixtures

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 11, 1966, 1239-1242

TOPIC TAGS: ferrite, chemical precipitation

ABSTRACT: Powders of magnesium manganese aluminate ferrites $Mg_{1.04}Mn_{0.14}Al_{0.39}Fe_{1.48}O_4$ were obtained by coprecipitation of carbonates, and powders of manganese-magnesium-zinc ferrites $Mg_{0.43}Mn_{0.68}Zn_{0.3}Fe_{1.73}O_4$ were obtained by decomposing a mixture of oxalates, nitrates and sulfates. The aluminate ferrites were fired for 12 hr at 1300-1320°C, and the Mg-Mn-Zn ferrites, for 5 hr at 1370°C. The large specific surface of powders at lower firing temperatures is attributed to the high porosity of the powder particles, not to their small size. As the firing temperature is raised, the internal porosity of the particles decreases, causing a decrease in the surface of the powder. As the temperature rises further, the particles sinter and increase in size. Dense, high-quality ferrites for SHF

Card 1/2 UDC: 621.318.136.029.64

ACC NR: AP7000262

applications are obtained when each powder is fired in the optimum temperature range for each salt mixture. Authors are grateful to V. A. Fabrikov for measuring the ferromagnetic resonance bandwidth of Mg-Mn-Zn ferrites. Orig. art. has: 2 tables.

SUB CODE: 07/ SUBM DATE: 30Aug64/ ORIG REF: 006/ OTH REF: 001

Card 2/2

L 58947-65 EWP(e)/EWT(m)/EWP(t)/EWP(k)/EWT(z)/EWP(b) Pf-4 JD
ACCESSION NR: AP5013245 UR/0226/65/000/005/0004/0008

AUTHOR: Grodshteyn, A. Ye.; Kriger, E. M.; Lisitsyn, S. M.

TITLE: Producing ferrite powders by thermal decomposition of sulfates

SOURCE: Poroshkovaya metallurgiya, no. 5, 1965, 4-6

TOPIC TAGS: ferrite powder, sulfate, thermochemistry

ABSTRACT: In order to obtain ferrite powders with more homogeneous composition and better electromagnetic properties, the authors recommend the method of thermal decomposition of salt solutions of ferrite systems. Magnesium ferrite-chromite powders were produced having a Curie temperature above 80°C, a ferromagnetic resonance bandwidth not greater than 150 oersteds, resistivity above 10^8 ohm/cm and a $4\pi I_s$ value below 650 gauss (I_s = saturation flux density). Analytically pure sulfates were used to obtain the ferrite powder. Particular attention was given to heat treatment of the salts because of its effect on the density of sintered samples and, consequently, on the ferromagnetic bandwidth. Completeness of decomposition was tested by roasting various samples at temperatures from 1000 to 1300°C for two to eight hours. Lowest sulfur contents (0.7%) were recorded for powders heat-treat-

Card 1/2

L 58947-65
ACCESSION NR: AP5013245

ed at 1300°C. The effect of composition on powder characteristics was studied in products containing 32-35% (mol.) iron oxide, 13.7-16.4% chromium oxide and 49.8--51.4% magnesium oxide. The best over-all parameters were found in a composition containing 34.5, 15.5 and 50% of these components respectively. The values for ferromagnetic resonance bandwidth are found to be considerably lower than those given elsewhere for comparable compositions. This is attributed to greater homogeneity in powders derived from solution than that in powders derived by the oxide mixing method. Orig. art. has: 2 figures, 2 tables.

ASSOCIATION: Donetskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv (Donets Branch, All-Union Scientific Research Institute for Chemical Reagents and Ultrapure Chemical Substances)

SUBMITTED: 18Apr64 ENCL: 00 SUB CODE: MM

NO REF SOV: 006 OTHER: 002

Card 2/2

ANDREYEV, K.K.; KRIGER, G.E.; KHOTIN, V.G.

Formation of combustible gases in the reaction of aluminum with water and with solutions of ammonium nitrate. Zhur.prikl.khim. 35 no.11: 2569-2570 N '62. (MIRA 15:12)
(Aluminum) (Ammonium nitrate) (Gases)

[illegible]ANOV, V.V., kand.tekhn.nauk, [illegible]

New diagrams for the automatic control of electric arc and electric slag welding processes. Sbor. st. [illegible] Uralmashzavoda no. 3:21-3[illegible] '6[illegible]. [illegible]

LELEKO, N.M., inzh.; SACHAVSKAYA, L.M.; KRIGER, G.F.

Mechanized hard facing of small bells with hard alloys.
Sbor. st. NIITIAZHMASHa Uralmashzavoda no. 3:65-79 '64.
(MIRA 17:7)

MINAKOV, A.G.; KRIGER, I.B.

Durability of pot furnace refractory materials in making contrast glass. Ogneupory 26 no.7:318-321 '61. (MIRA 14:7)

1. Konstantinovskiy zavod "Avtosteklo".
(Refractory materials)
(Glass furnaces)

KRIGER, I.Ya.

[Workers and pumpers operating apparatus used in manufacturing chemical by-products of coke] Apparatchiki i nasoschiki tsekhov ulavlivaniia khimicheskikh produktov koksovaniia. Izd.2. ispr. i dop. Khar'kov, Moskva, Gos. nauchno-tekhn. izd-vo lit. po chernoi i tsvetnoi metallurgii, 1946. 163 p. (MLRA 9:2)
(Coal--Tar products) (Coke)

KRIGER, I.Ya.

DIDENKO, V.Ye.; TSAREV, M.N.; DMITRIYEV, M.M.; LEYTES, V.A.; OBUKHOVSKIY, Ya.M.; IVANOV, Ye.B.; CHERTOK, V.T.; URSALENKO, R.N.; KRIGER, I.Ya.; PINCHUK, A.K.; ANTONENKO, N.Z.; SMUL'SON, A.S.; VASIL'CHENKO, S.I.; DRASHKO, A.M.; RAYEVSKIY, B.N.; KUCHIRYAVENKO, D.N.; SAVCHUK, A.I.; ZHURAVLEVA, L.I.; BAUTIN, I.G.; KHRIYENKO, V.Ya.; MOSENKO, N.K.; CHEBONENKO, G.P.; LISSOV, L.K.; MAMONTOV, V.V.; BELUKHA, A.A.; POYDUN, V.F.; VOLODARSKIY, M.B.; KAL'CHENKO, G.D.; LEVCHENKO, V.M.; BASHKIROV, A.A.; VOROB'YEV, M.F.; IL'CHENKO, L.I.; PODSHIVALOV, F.S.; MOGIL'NYY, P.P.; LEVI, A.R.; VASLYAYEV, G.P.; DURNEV, V.V.; OSYPA, S.S.; SAMOFALOV, G.N.; FOMIN, A.F.; LESHCHINA, A.I.; FANKEL'BERG, G.Ye.; KHODANKOV, A.T.; MAKARENKO, I.S.; KARPOVA, K.K.; VASILENKO, I.M.; VOLOSHCHUK, A.S.; SHELKOV, A.K.; FILIPPOV, B.S.; TYUTYUNNIKOV, G.N.; DOLINSKIY, M.Yu.; NIKITINA, P.P.; MEDVEDEV, S.M.; TSOGLIN, M.E.; LERNER, R.Z.; BOGACHEV, V.I.

Mihail IAkovlevich Moroz; obituary. Koks i khim.no.3:64 '56. (MLRA 9:8)
(Moroz, Mikhail IAkovlevich, 1902?-1956)

KRIGER, I. YA.

68-7-9/16

AUTHOR: Kriger, I.Ya.

TITLE: Degradation of the Absorption Oil and the Corrosion of Benzole Recovery Plant. (Porcha poglotitel'nogo masla i korroziya apparatury benzol'nogo otdeleniya).

PERIODICAL: Koks i Khimiya, 1957, Nr 7, pp. 39-41 (USSR)

ABSTRACT: When changing hurdles in a scrubber on the above works over 60 ton of oily residues were removed (analysis in Table), containing over 4 tons of iron. This iron originated from the corrosion of the benzole recovery plant (Figs. 1, 2). The formation of sludge in the absorption oil and its possible corrosive influence is discussed. It is concluded that in order to decrease corrosion on benzole plants and to minimise the formation of sludge the following measures should be taken: 1) the use of lower temperatures during stripping of oil; 2) purification of the oil from ammonia and its sulphide, chloride and thiocyanide compounds by washing with water, and 3) careful settling of the oil from emulsion and in the case of petroleum oil also from sludge before it is returned to scrubbers. There is 1 table and 3 figures.

ASSOCIATION: Krivoy Rog Coke Oven Works (Krivorozhskiy Koksokhimicheskiy Zavod).

AVAILABLE: Library of Congress

Card 1/1

KRIGER, I. Ya.

68-12-19/25

AUTHOR: Kriger, I.Ya.

TITLE: On the Paper by I.G. Antypko and G.T. Zhbannikova "On the Coke Oven Gas Temperature After Initial Condensing (K stat'ye I.G. Antypko i G.T. Zhbannikovoy "O temperaturakh koksovogo gaza posle pervichnykh gazovykh kholodil'nikov")

PERIODICAL: Koks i Khimiya, 1957, No.12, p. 45 (USSR).

ABSTRACT: The author disagrees with the original authors that some hydrogen sulphide is lost with the condensate from primary condensers, as during the removal of ammonia, it is returned to gas. The original paper was published in Koks i Khimiya, 1957, No.2.

ASSOCIATION: Krivoy Rog Coke-Chemical Plant (Krivorozhskiy koksokhimicheskiy zavod)

AVAILABLE: Library of Congress

Card 1/1

KRIGER, N.I.; KRIGER, K.P. [deceased]

Origin of loess in the United States; survey of the literature.
Biul. Kom. chetv. per. no.25:71-91 '60. (MIRA 14:1)
(United States—Loess)

1. KRIGER, M.YA.
2. USSR (600)
4. Electric Locomotives
7. Arranging mazut furnaces for electric locomotive boilers, Elek.sta. 24 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, [illegible] 1953. Unc.

KRIGER, M.Ya., inzhener.

Use of variable-speed controls in the kinematic system of chain-grate drives. Energetik 4 no.11:19-23 N '56. (MLRA 9:12)
(Stokers, Mechanical) (Governors (Machinery))

542. USE OF A PNEUMATIC SPREADER [illegible] POWER STATIONS. Kriger, N.Ya. [illegible] Feb. 1957, 10-12). An illustrated description is given of [illegible] modifications to the firing arrangements in an imported [illegible] power station. There were originally a low pressure pneumatic spreader and a [illegible] step grate with reciprocating steps [illegible]. The main effect was to eliminate the step grate, and [illegible]. [illegible].

KRIGER, M.Ya., inzhener.

Pneumatic stoking of coal in grate-type furnaces of boilers for mobile railroad power plants. Energetik 5 no.2:11-12 F '57.
(MLRA 10:3)

(Stokers, Mechanical)

AUTHOR: Kriger, M.Ya., Engineer SOV-91-58-4-27/29

TITLE: A Soot Blowing System for Boilers of Mobile Power Plants (Sazheobduvochnoye ustroystvo dlya kotlov energopoyezdov)

PERIODICAL: Energetik, 1958, Nr 4, pp 31-32 (USSR)

ABSTRACT: Of the many mobile power plants actually in service, only the boilers of the "V-5,000" type mobile power plant (two boilers, with a steam output of 18 tons per hour each) are equipped with a reliable compressed air soot blowing system. However, these systems also have many defects. The author describes a steam blowing system of heating surfaces utilized in the boiler unit of the mobile steam turbine electric power plants of 2,500 kw manufactured in Czechoslovakia for the Soviet Union. These power plants contain boilers with an output of 8.5 tons per hour, a pressure of 39 atm and a temperature of 450°C. Their 24.4 m^3 furnace is equipped with a chain grate and a low pressure pneumatic slit type fuel stoking system. Boiler steam, the pressure of which has been reduced to 17 atm and the temperature to 350°C, is used for blowing. The ring system of the air pipes permits an easy junction with the whole blowing equipment. The soot blowing system includes a line of blowing

Card 1/2

A Soot Blowing System for Boilers of Mobile Power Plants

apparatuses, the structure of which is described in detail and illustrated by diagrams. Their reliability has been proved by service experience and is due mainly to the fact that they are installed outside the boiler unit and are not exposed to hot flue gases. The article gives the coal types to be used in the furnaces, as well as recommendations for the attendance and maintenance.
There are 6 diagrams and 1 Soviet reference.

1. Soot blowers--Design 2. Boilers--Maintenance

Card 2/2

KRIGER, M.Ya., inzh.

New design of mechanical stokers for grate-type furnaces. Elek.sta. 29 no.8:18-20 Ag '58. (MIRA 11:11)
(Stokers, Mechanical)

KRIGER, M.Ya.

Devices for burning natural gas in the furnaces of small boilers.
Prom. energ. 15 no.7:27-33 Jl '60. (MIRA 15:1)
(Boilers—Equipment and supplies)
(Gas burners)

KRIGER, M.Ya.

Automatic control of the combustion process in boiler systems of mobile electric power plants. Prom. energ. 16 no.8:28-32 Ag '61. (MIRA 14:9)
(Automatic control) (Boilers) (Electric power plants)

KRUGER, M.Ya., inzh.

Ash collecting systems of mobile steam-turbine power plants.
Energetik no.9:15-19 S '64. (MIRA 17:10)

KHLOBK, N.I.

Treshchinovatost' i metody ee izucheniia pri gidrogeologicheskoi s"emke (Fissures and methods of studying them during hydrogeological surveying). Moskva, Metallurgizdat, 1951. 1h0 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

KRIGER, N. I.

KRIGER, N. I.

Geology - Czechoslovakia

History of soil cover in Czechoslovakia.
Biul. Kom. chetv. per., No. 16, 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 1952, Uncl.

KRIGER, N. I. and [illegible], A. I.

"Characteristics of the Synclines of the Southwest Margin of the Chuysk Lowland," Problemy Fizicheskoy Geofrafii (Problems of Physical Geography), Vol. 16, Symposium, Moscow, 1951.

U-1483, 25 Sept 51

KRIGER, N.I.

Finds of Cervus euryceros Aldr. in Ryazan Province. Biul. MOIP. Otd. geol. 26 no.4:79-80 '51. (MIRA 11:5)
(Ryazan Province--Deer, Fossil)

CTRSPL Vol. 5-No. 1 Jan. 1952

[illegible] (Giprotsvetmet Branch for the Production of Geotechnical Studies and [illegible]), Loesses of the [illegible] range, [illegible]

Akademiya Nauk, S.S.S R., Doklady Vol. 78, No. 2

CTRSPL Vol. 5-No. 1 Jan. 1952

Kriger, N.I., The age of river terraces in the Carpathian and Czech ranges, 565-7

Akademiya Nauk, S.S.S R., Doklady Vol. 78, No. 3

1. KRIGER, N. I.

2. USSR (600)

3. Loess

4. Loess and geographical medium.
Dokl, AN SSSR-86-No. 6 - 1952

9. Monthly List of Russian Acessions, Library of Congress, February, 1953. Unclassified.

[illegible], F. I.

"[illegible] in Czechoslovakia," I.v. Vses. [illegible], [illegible], [illegible], [illegible]

Karst phenomena (caves, karst craters, [illegible]) in Czechoslovakia, coordinate with limestone of various ages, have been developed very intensively. The caverns are distinguished by a complex system of branching corridors uniting with chambers and abysses. In these, one can observe subterranean rivers, series of underground river deposits, stalactites, and stalagmites. In the caverns are found remains of pleistocene animals and tools of prehistoric man. The most extensive investigation of karst in Czechoslovakia has been by Professor J. Kunsky (Krasa a [illegible], Prague, 1950). According to the literature, karst phenomena have been described at five regions: Czech Moravian, Granit, Lower Tatr, and Slovak karsts. (RZhGeol, No 4, 1955)

Sum. No. 681, 7 Oct 56

[illegible], N. I.; [illegible], N. I.

Loesses of Northern and Western T'ien Shan Ranges. Materialy po izuch. geologii, No 3, 1953, 10-42.

The author discusses the loesses and loess-like rocks of the following ranges: Kirgiz Ala-Tau, Talas Ala-Tau, Chatkal, Kurama, Fergana, and Kara-Tau; also the loesses of the intermontane valley of the following rivers: Chu, Arys, Chirchik, Angren, and Syr-Darya. The loesses are extensively distributed in the intermontane valleys and on the slopes of the mountains of the west and north T'ien Shan ranges. Loess formation took place during the entire quaternary period. (RZhGeol, No 1, 1954)

SO: W-31128, 11 Jan 55

[illegible], [illegible]. [illegible].

[illegible], [illegible] ([illegible])

[illegible], No. [illegible], [illegible]

[illegible] and [illegible]'nov, [illegible]

An Experiment in the application [illegible] to the Study of [illegible]

Briefly explains the basic concepts and [illegible], using as illustrations the [illegible]. Shows that [illegible] follows [illegible] law.

SO: [illegible] -- [illegible], No. 3, [illegible] ([illegible])

FRIDER, M. I.

"Procedure for the Engineering-Geological Study of the Sagging Property of Grounds" (Hydrogeology, Ground Science and Mechanics of Grounds) Materialy po inzh. geologii, No 3, 1953, pp 96-107

Abs

W-31146, 1 Feb 55

[illegible], [illegible], and [illegible]

Loess Rocks on Steep Slopes. Materialy po inzh. geologii, [illegible], 1953, 108-120.

The study of the deformations of loess rocks on steep slopes of mountains is necessary for industrial, civil and hydraulic engineering constructions. An important variety of loess rock deformation is "[illegible]," characterized by the flowing consistency of the rock. Such "flows" in the [illegible] comprise only the soil cover or small layers (2-3 meters) on the slope. Hillside channels, drainage ditches, and sealing of cracks in the soil are recommended in the struggle against loess-rock flows. (RZhGeol, No [illegible], 1954)

SO: [illegible]-31128, 11 Jan. 55

KRIGER, N. I.

"Engineering Seismotectonics and Problems of Recent Tectonic Movements" (Engineering Geology, Sxx Engineering-Geological Study of Natural Processes)
Materialy po Inzh. geologii, No. 4, 1953, pp 87-132

Abs

W-Sxx 31146, 1 Feb 55

KRIGER, N.I.

Neogene abraded terraces of Danubian countries. Biul.Kom.chetv.per. no.18:32-38 '53. (MLRA 7:5)
(Danube Valley--Physical geography) (Physical geography--Danube Valley)

1. [illegible], N. I.

2. USSR (600)

4. Czechoslovakia - Karst

7. Karst phenomenia in Czechoslovakia, Izv.Vses.geog.ob-va 85 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KRIGER, N.I.; SEMENOV, A.I.

Role of recent tectonics in the geomorphogeny of the lesser Kara-Tau Mountains and their foothills. Izv.Vses.geog.ob-va 85 no.5:577-587 S-O '53.
(MLRA 6:10)

(Kara-Tau--Physical geography) (Physical geography--Kara-Tau)

USSR/Geology

Card 1/1

Authors : Kriger, N. I., and Fedotov, V. S.

Title : Loess (rocks) found at the Oka river basin

Periodical : Dokl. AN SSSR, 96, Ed. 2, 367 - 370, May 1954

Abstract : Judging by the stratification, the loess discovered at the Oka river basin can be divided into the following categories: water-separating loess, beam type loess and loess of river beds. Basic data regarding the properties of fluvio,lacial loess of water separating sections (terrace-like plateau) are included. Twenty three references; 1 USSR dating 1892. Table.

Institution : .....

Presented by : Academician V. A. Obruchev, December 29, 1953

DUNDUKOV,M.D., inzhener; SAMSONOV,V.N.; KARPENKO,P.A.; KRIGER,N.I.; KUZ'MIN,P.G., kandidat tekhnicheskikh nauk; SHKLYAPIN,K.S., kandidat tekh. nauk; MAKSIMOV,O.N., inzhener; MALYSHEV,M.I., professor; RODSHTEYN,A.G., kandidat tekh.nauk; GOL'DSHTEYN,M.N professor; ABELEV,Yu.M.,professor.

Discussion of the problem of building on coarsely porous settling soils. Stroi. prom. 33 no.5:40-45 My '55. (MLRA 8:6)
(Soil mechanics)

USSR/ Geology - Sedimentary rock

Card 1/1 Pub. 86 - 15/39

Authors : Kriger, N. I.

Title : Cavern dropstones

Periodical : Priroda 44/3, 93 - 96, Mar 1955

Abstract : A description is given of some of the stalactites and stalagmites possessing the most striking appearance. The formation of these dropstones is explained with figures of dimensions under varying circumstances. Ten references; 5 Soviet, 2 Czech, 1 German, 1 French, 1 U S A, (1908 - 1953). Illustrations.

Institution : .....

Submitted : .....

KRIGER, N.I. (Moskva)

Some problems in engineering biology. Priroda 45 no.2:106-108 F '56. (MLRA 9:5)

1. Giprotsvetmet.
(Biology, Economic) (Building)

KRIGER, N.I.

Relief and Quaternary deposits of the Lake Koltuben region in the southern Urals. Zemlevedenie 4:229-234 '57. (MLRA 10:9)
(Koltuban region--Geology, Stratigraphic)

[illegible]: Friger, [illegible]

TITLE: The [illegible] of Very [illegible] Stone [illegible] in [illegible] [illegible]adka drevneyshikh kamennykh orudiy v Afrike

[illegible]: Priroda, 1958, Nr 1[illegible], pp [illegible]

ABSTRACT: Based on the proceedings [illegible] African Congress on Quaternary [illegible] and [illegible], in 19[illegible], the article considers carefully [illegible] discussed there on the Pebble Culture as the [illegible] culture [illegible] - Australopithecanthropus in Africa. [illegible] of the distribution of the places of [illegible] relics of the Pebble Culture [illegible] man-made tools (Figures [illegible]) are [illegible]. [illegible] author seems to favor the [illegible] presented stone shapes could well have [illegible] the action of natural forces, although [illegible] stone tools by early man [illegible] Australopithecanthropus

Card 1/2

The Enigma of Very Old Stone Tools in Africa [illegible]

In the areas of Pebble Culture finds are so sparse, and not always convincing, that the author sides with those scientists who do not think of the Pebble Culture as relics of Australopithecanthropus but [illegible] the later Atlanthropus. There are 3 sets of dia-rams

Card 2/2

KRIGER, N.I.; SEREBRYANNIKOV, S.I.

Construction on loess soils. Osn., fund.i mekh.grun. 2 no.1: 28-29 '60. (MIRA 13:5)
(Loess) (Foundations)

KRIGER, N.I.; KRIGER, K.P. [deceased]

Origin of loess in the United States; survey of the literature.
Biul. Kom. chetv. per. no.25:71-91 '60. (MIRA 14:1)
(United States—Loess)

KRUGER, N.I.; CHUMAKOV, I.S.; TEREKHINA, G.M.

Characteristics of loess in the Rudnyy Altai. Trudy MGRI 37:116-130 '61. (MIRA 15:1)

(Altai Mountains--Loess)

KRIGER, N.I.

Recent tectonics in the Kara-Tau; follow-up on V.V.Galitskii's article "Role of recent tectonics in the formation of the Kara-Tau Range." Vop.geog. no.52:189-192 '61. (MIRA 14:6)
(Kara-Tau—Geology, Structural)
(Galitskii, V.V.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510001-

KRIGER, Nikolay Ivanovich; GROMOV, V.I., otv. red.; [illegible], L.I., red. izd-va; SIMKINA, G.S., tekhn. red.

[Quaternary sediments of Africa and southwestern Asia]Chetvertichnye otlozheniia Afriki i Perednei Azii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p. (MIRA 15:9)
(Africa--Geology, Stratigraphic)
(Asia, Southwestern--Geology, Stratigraphic)

KRIGER, Nikolay Ivanovich; MOSKVITIN, A.I., otv. red.

[Loess, its properties and relation to geographical environment; for the 7th Congress of the INQUA (U.S.A., 1965)] Less, ego svoistva i sviaz' s geograficheskoi sredoi; k VII Kongressu INQUA (SShA, 1965). Moskva, Nauka, 1965. 276 p. (MIRA 18:7)

KRIGER, N. D.

Irrigation in Volga River arid region.
Saratov, Izd. Sarsovpartizdata, 1925. 107 p.

Cyr.4 S65

1. Irrigation - Lower Volga territory.