

Begin

REEL # 258

Kozhemyakin, V.G.

USSR/Electricity - Transmission Lines Transformers

Oct 52

"A Transformer for Capacitive Removal of Power From High-Voltage Transmission Lines,"
Docent V. Yu. Gessen, V. V. Ivashev, Engr. V. G. Kozhenyakin, L. D. Naumovskiy,
Leningrad Affiliate of VIESkh (All-Union Inst of Electrification of Agr), LVS
(Leningrad High-Voltage Network) Lenenergo (Leningrad Regional Elec Power Admin)

"Elektrichestvo" No 10, pp 25-31

Gives briefly the theory of capacitive removal of power from high-voltage transmission lines as it applies when the lightning-protective cable is used for this purpose. Formulates requirements for a step-down transformer and describes design of a special transformer. Cites exptl data on the use of the specifl transformer in Lenenergo High-voltage network. Submitted 13 Nov 51.

231T23

BULASHEVICH, Dmitriy Nikolayevich; YURENKOV, Viktor Dmitriyevich;
KOZHEMYAKIN, V.G., inzh., retsenzent; BRANDENBURGSKAYA, E.Ya.,
red.; LARIONOV, G.Ye., tekhn.red.

[Capacitive take-off of power from an electric transmission line]
Emkostnyi otbor moshchnosti ot linii elektroperedachi. Moskva,
Gos.energ.izd-vo, 1959. 135 p. (MIRA 13:5)
(Electric lines)

KOZHEMYAKIN, V. G., Cand Tech Sci -- (diss) "Research into the installation of capacity power selection from 110 and 220 kilovolt electric transmission lines, working under resonance conditions." Leningrad, 1960. 13 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Polytechnic Inst im M. I. Kalinin); 150 copies; price not given; (KL, 17-60, 155)

KOZHANOVA, Z.Ye., inzh.; KOZHEMYAKIN, V.G., kand.tekhn.nauk;
NAUMOVSKIY, L.D., inzh.; TSIREL', Ya.A., inzh.

Decrease in the width of the clearing along overhead power
transmission lines. Elek. sta. 34 no.1:43-45 Ja '63.

(MIRA 16:2)

(Electric lines—Overhead)

MYASNIKOV, I.A.; BOL'SHUN, Ye.V. Prinimala uchastiye KOZHEMYAKIN', L.P.

Methods used in investigations of the heterogeneous recombination
of free radicals and of their interaction with the adsorbed layer.
Kin. i kat. 6 no. 6:99701002 N-D '65 (MIRA 19:1)

1. Fiziko-khimicheskiy institut imeni Erapova. Submitted May 25,
1964.

BARABANOVA, V.N.; KOZHEMYAKINA, L.K.; KOLPACHENKO, M.A.

New flowsheet for refining crude molybdenum concentrates at
the Tyrny-Auz Ore-Dressing Plant. TSvet.met. 33 no.1:23-25
Ja '60. (MIRA 13:5)

1. Tyrny-Auzskiy kombinat.
(Molybdenum--Metallurgy) (Tyrny-Auz--Ore dressing)

MIROSHNICHENKO, V.P. (Donetsk, Universitetskaya ul., 30, kv.5): MOLZHANINOV,
Ye.V.; KOZHEMYAKINA, V.V.

Treatment in chronic endocervicitis and glandular and muscular
hyperplasia of the cervix uteri with diathermy excision. Vop.
onk. 10 no.1:82-87 '64. (MIRA 17:11)

1. Iz kafedry akusherstva i ginekologii No.1 (zav. kafedroy - dotsent
V.P. Miroshnichenko, nauchnyy konsultant - prof. doktor med. nauk
P.P. Sidorov) Donetskogo meditsinskogo instituta (rektor - prof.
doktor med. nauk A.M. Ganichkin) na baze Donetskoy oblastnoy bol'-
nitsy imeni M.I. Kalinina (glavnyy vrach - P.A. Koroq').

PLEASE I BOOK EXPLOITATION NOV/1727

Abdusalya bank 65328. Institut grobkhimii i analiticheskoy khimii
Sobremennyye elementy polucheniya, analiza, primeneniya (New Earth
Elements: Extraction, Analysis and Application) Moscow, Izd-vo AN SSSR,
1958. 351 p. 2,200 copies printed.

Sup. Eds.: D. I. Rybachkov, Professor, Editorial Board; I. P. Alimarin, Corresponding Member, USSR Academy of Sciences; I. M. Zaslavsky, Doctor of Chemical Sciences; N. P. Engel'gar, Candidate of Technical Sciences; V. I. Kuznetsov, Doctor of Chemical Sciences; M. M. Semyurin, Candidate of Chemical Sciences; and Th. S. Shlyapnikov, Candidate of Chemical Sciences; **Eds. of Publishing House:** D. M. Trifonov and T. G. Levi; **Tech. Eds.:** S. G. Markovich.

PURPOSE: This book is intended for scientists, chemists, teachers and students of higher educational institutions, chemical and industrial engineers, and other persons concerned with the extraction, preparation, use, or study of rare earth elements.

CONTENTS. This collection contains reports presented at the June 1956 Conference on Rare Earth Elements at the Institute of Biochemistry and Analytical Chemistry, U.S.S.R. Academy of Sciences. The articles are:

1. **U.S.S.R. Academy of Sciences.** The articles treat chemical methods of separating rare earth elements, methods of processing rare earth ores, ion exchange chromatography, chemical analysis, and some industrial applications of rare earths. Aside from contributing authors, the editors mention the following Soviet scientists, who are studying rare earth elements, and their research methods and the preparation of oxides and salts: Marynow, Melnikov, Kuznetsov, Kuznetsov, Melnikov, Kuznetsov, Melnikov, Melnikov, Kuznetsov, and especially, N. A. Goryunov. The first obtained the majority of rare earth elements in the pure state, separated many complex molecular compounds of these elements, and determined their specific properties. References are given at the end of each article.

TESTIMONY TO DATE

- 29 Zolotarevskiy, V. I. (Institute of Geochemistry and Analytical Chemistry of the Academy of Sciences of the U.S.S.R., Moscow, U.S.S.R.) Geochemistry of Rare Earth Elements
- 32 Zolotarev, M. I. (Sol'yevsky Metallurgical S. M. Kirova AS 2028 [Sol'yevsky Branch of the Academy of Sciences of the U.S.S.R., M. Kirov Metallurgical Plant], Moscow) Factors for the Specific Weight of Rubbing Appliances
- 33 Zolotarevskiy, I. N., and P. N. Petlin (Odeskast [State Rare Metals Scientific Research Institute]) Separation of Cerium from Rare Earth Elements and Obtaining It in the Pure State
- 35 Zolotarev, B. V., and O. P. Koshcheyenko (State Rare Metals Scientific Research Institute) Separation of Bismuth from the Separation of Rare Earth Elements in the Concentration of High Percentage Concentrates of Some Elements of the Titrinum subgroup
- 36 Zolotarev, B. V., and O. P. Koshcheyenko (Application of Complex-forming Substances for the Separation of Rare Earth Elements by Fractional Precipitation of Binary Salts)

PI/5 2000

KOZHEMYAKO, M.N.

Method of studying bedding of terrigenous sediments. Trudy Alt.
GIMNI AN Kazakh SSR 12:28-36 '62. (MIRA 15:8)
(Altai Mountains--Sedimentation and deposition)

BUBLICHENKO, N.L.; KOZHEMYAKO, M.N.

Facies and "flyschoids" in the southwestern Altai. Trudy Alt.
GMNII AN Kazakh. SSR 16:3-14 '63. (MIRA 17:10)

KOZHEMYAKO, M.N.

Formation of the Upper Devonian and Lower Carboniferous sediments
of the Kalba Range. Druzy Alt. G.M.M.T. N. Karak. SER 16: 3, 45-46, 163.
(MIRA 17:10)

BUBLICHENKO, N.L.; KOZHEMYAKO, M.N.

Tectofacies of flyschoids and their genesis in the southwestern
Altai. Dokl. AN SSSR 152 no.4:931-933 0 '63. (MIRA 16:11)

1. Gornometallurgicheskiy nauchro-issledovatel'skiy institut
AN KazSSR. Predstavleno akademikom D.V. Nalivkinym.

KOZHENYAKO, S. G.

Tree Planting

Superiority of wide rows of pine in nurseries. Les i step' 5, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

KOZHEMYAKO, V.A.

Cultivation of green peas in the area of the Izmail Canning Combine.
Kons.i ov.prom. 16 no.4:37 Ap '61. (MIRA 14:3)

1. Izmail'skiy konservnyy kombinat.
(Izmail Region--Peas)

KOZHEMYAKO, V.A.

Pay more attention to dwarf tomato varieties. Kons. i ov.
prom. 16 no.6:26-27 Je '61. (MIRA 14:8)

1. Izmail'skiy konservnyy kombinat.
(Tomatoes—Varieties)

KOZHEMYAKO, V.F., inzh.

Defective fastening of commutators for turboexciters of the VT series.
Elek.sta. 29 no.6:89 Je '58. (MIRA 11:9)
(Electric generators)

BELOZERSKIY, Andrey Nikolayevich, akademik; KOZHEMYAKOV, S.I.,
otv. za vypusk; NOVOCHADOVA, L.A., red.; KAKITIN, T.T.,
tekhn. red.

[Nucleic acids and their biological significance] Nukleinowe
kisloty i ikh biologicheskoe znachenie; rasshirennaia steno-
gramma leksii pročitannoi v Tsentral'nom lektorii Vsesoyuz-
nogo obshchestva "Znanie," Moskva, Izd-vo "Znanie," 1963.
62 p. (Novoe v zhizni, nauke, tekhnike VIII Seriya: Biologiya
i meditsina, no.15/16) (MIRA 16:11)

1. Referent Pravleniya Vsesoyuznogo obshchestva "Znaniye"
(for Kozhemyakov).

(Nucleic acids)

KOZHENEVSKIY, N. L.

USSR/Geography
Glaciology

Sep/Oct 48

"Some New Data on the Zerevshanskly Glacier,"
N. L. Kozhenevskiy, Tashkent, 64 pp

"Iz v-s Geograf Obshch" Vol LXX, No 5

PA 26/49TH5
Presents various facts on the glacier gathered
by several official and unofficial expeditions.
Base of the glacier has been studied rather
thoroughly, but it is impossible to create a
definite over-all picture of the glacier's
activity due to the relatively short period of
observations. Further studies are necessary to

26/49TH5

USSR/Geography (Contd)

Sep/Oct 48

determine exact extent of glacier and obtain some
idea of its potential water capacity.

26/49TH5

BOCHKAREV, G.S.; ZAYTSEV, L.M.; KOZHENKOVA, V.N.

Complex oxalates of zirconium. Zhur. neorg. khim. 8 no.10:2248-
2253 0 '63. (MIRA 16:10)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova
AN SSSR.

(Zirconium compounds) (Oxalates)

KOZHENKOVA, Z.P.

Temperature and precipitation regimes of Tomsk Province.
Trudy TGU 147:145-166 '57. (MIRA 16;5)

1. Kafedra klimatologii Tomskogo gosudarstvennogo universiteta
imeni V.V. Kuybysheva.

(Tomsk Province--Atmospheric temperature)
(Tomsk Province--Precipitation (Meteorology))

MIKHAYLOV, V.G., doktor tekhn.nauk; KRAPIVIN, M.G., kand.tekhn.nauk;
KARYUK, G.G., kand.tekhn.nauk; KOZHENTSEV, Yu.T., aspirant;
GARASHCHENKO, P.A., aspirant; MALYAROV, G.P., aspirant;
KOGAN, K.B., inzh.; SUKACH, V.D., inzh.; TKACHENKO, V.A., inzh.;
LINENKO, Yu.P., inzh.; MOZNAIM, G.I., inzh.; MARTYENKO, I.A., inzh.

Cutting tool for the cutter loader. Ugol' Ukr. 6
no.8:37-39 Ag '62. (MIRA 15:11)
(Coal mining machinery)

ARISTOV, M.Ya., kand. tekhn. nauk; KOZHEUROVA, M.F., tekhnik;
MIKHEYEV, G.N., inzh.

Performance of steampipes from 1Kh18N12T steel of the SWP
block of the Chelyabinsk thermal electric power plant No.1.
Teploenergetika 10 no.12:60-64 D '63. (MIRA 17:8)

1. Vostochnyy filial Vsesoyuznogo teplotekhnicheskogo instituta,
Chelyabinsk, i Chelyabinskaya TETs-1.

GEORGIEV, Ivan, kandidat na selskostopanskite nauki; KOZHEV, Angel

Using dry pepsin yeast in the production of kashaval and white brined cheese. Selskostop nauka 1 no.7/8:855-860 '62.

1. Vissh selskostopanski institut "G. Dimitrov" v Sofia (for Georgiev).
2. Mlekozavod v Kula.

LADYGIN, P.F.; ZHUL'KOV, V.F.; LAVENETSKIY, F.A.; TIKHOMIROV, D.F.; KOZHEVNIKOV, A.I.; IVANOV, M.

Discussion of the article "Pedal or track circuit?" Avtom., telem.
'svyaz' 9 no.9:39-40 S '65. (MIRA 18:9)

1. Revizory po bezopasnosti dvizheniya Severnoy dorogi (for Ladygin, Zhul'kov, Lavenetskiy). 2. Starshiy elektromekhanik Volkovstroyevskoy distantzii Oktyabr'skoy dorogi (for Tikhomirov). 3. Zamestitel' nachal'nika 12-y distantzii Kuybyshevskoy dorogi (for Kozhevnikov). 4. Starshiy inzh. sluzhby signalizatsii i svyazi Kuybyshevskoy dorogi (for Ivanov).

KRYLOV, V.N.; TROTS, A.A.; KOZHEVNIKOV, A.V.; BITUK, S.M.

Obtaining calcium carbide, carbon-electrode and graphitized articles from the chamber-furnace coke and tar pitch formed in the refining of Baltic shales. Khim. i tekhn. gor. slan. i prod. ikh perer. (MIRA 17:3)
no.11:358-365 '62.

KOZHEVNIKOV, A.V.; TSURIKOVA, U.P.

Comparative study of water deionization with the mixed charges of
an EDE-10P anion exchanger with KU-2 and KAV-47 cation exchangers.
Khim. i tekhn. gor. slan. i prod. ikh perer. no.11:343-357 '62.
(MIRA 17:3)

KOZHEVNIKOV, D.A.

Age and area of migration of neutrons from polyenergetic
sources in organic and metallic hydrogen-containing moderators.
Atom. energ. 19 no.4:382 0 '65. (MIRA 18:11)

KOZHATKIN, V.A.; YAKOVLEV, I.A.

Lecture demonstration of adiabatic processes. Izv. vys.
ucheb. zav.; fiz. no.5:179 '62. (MIRA 15:12)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Heat of compression)
(Physics—Study and teaching)

KOZHENIKOV, A.S.

PA 28/49T34

USSR/Engineering
Concrete, Reinforced
Hydroelectric Plants

Oct 48

"The Problem of Design of Reinforced-Concrete Mem-
bers of Hydrotechnical Constructions," A. S.
Kozhenikov, Engr, 4 pp

"Gidrotekh Stroi" No 10

Refers to Laupman's article in "Gidrotekh Stroi"
No 8. Claims article is merely development of
Petrov's methods of computation. However, states
that under most conditions Laupman's methods of
computation are best.

28/49T34

KOZHENIKOV, A.V.

USSR/Chemistry - Fuels

Feb 50

"More on Triptane and Its Synthesis," A. V. Kozhevnikov

"Priroda" No 2, p 24

In brief reply to article by Prof Yu. S. Zal'Kind ("Priroda," No 1, 1949, p 63) author presents formula for the reaction occurring at the moment of adding the 2d methyl chloride mol: $(CH_3)_2C=C(CH_3)_2 + \overset{+CH_3}{\underset{-HCl}{Cl}} \rightarrow (CH_3)_2CCl - C(CH_3)_3$. On this basis concludes that it is an exaggeration to say that triptane gives 4 times as much power as iso-octane in motors, as some have stated.

219T1

KOZHENIKOVA, T. B.

KOZHENIKOVA, T. B.

Kryl'ia nashei rodiny. Moskva, Goskul'tprosvetizdat, 1953. 104 p.,
illus., ports.
Title tr.: Wings of our country.

NCF

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

GLUSHCHENKO, A.G., KOZHENKO, P.Ye., USACHEVA, Ye.M.

Evsei Il'ich Iaroslavskii; on his 60th birthday. Vest.oto-rin
20 no.5:134 S-O '58 (MIRA 11:12)
(IAROSLAVSKII, EVSEI IL'ICH, 1898-)

KOZHENKOV, I.

Glorious May Day. Zdrav. Bel. 7 no.5:3-5 My '61. (MIRA 14:6)
(WHITE RUSSIA--PUBLIC HEALTH)

EXCERPTA MEDICA Sec.17 Vol.4/1 Public Health, etc. Jan58

KOZHENKOV, I. A.

46. KOZHENKOV I. A. *Surgical services in Belorussian SSR (Russian text)*
Zdrav. Belorussii 1956, 8 (3-6)

The surgical services in the Republic have undergone considerable improvement during the post-war years. The number of surgical beds has increased by 25 % during the 5th 'Five-Year Plan'. The number of surgeons has increased over the same period of time by 52 %. Approximately 50 % of all surgical procedures are carried out in regional, large rural, district and factory hospitals. Therapeutic and prophylactic treatment and suitable pre- and post-operative care are provided. Blood transfusion, both intravenous and intra-arterial, is widely used. In 1955 over 67,000 operations were performed throughout the Republic, with mortality of 1.4 %; 77 % of all the operations were performed under local anaesthesia. Mortality associated with acute appendicitis has dropped to 0.3 %. It has also dropped markedly in all the main acute conditions of abdominal organs. However, in some areas (Vitebsk, Gomel etc.) mortality exceeds the average figures for the Republic, which must indicate late diagnosis and hospitalization. The number of traumatic conditions has increased. There is a shortage of specialists in trauma and oncologists in the Republic. Oncologists constitute 5 % of the total number of surgeons. The author puts forward several measures designed to improve the surgical services of the Republic.

KOZHENKOV, I.A.

Great Russian surgeon. Zdrav. Bel. 6 no.12:59-62 D '60.

(MIRA 14:1)

1. Glavnyy khirurg Ministerstva zdravookhraneniya BSSR.
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

KOZHENKOV, V.I.; KITAYEV, A.V.

Settling of gas ions in respiratory organs. Nov. med. tekhn. no.3:
134-138 '65. (MIRA 19:1)

KOZHENKOVA, K. I.

KOZHENKOVA, K. I. -- "Problems in Methodology of Differentiated
Technical Standardization of the Productivity of Plowing Equipment."
Sub 23 May 52, Moscow Inst of Mechanization and Electrification of
Agriculture (Imeni V. I. Molotov. (Dissertation for the Degree of
Candidate in Technical Sciences).

30: Vechernaya Moskva, January-December 1952

SAITSKY, L.M.; POCHKAREV, G.S.; KOZHENKOVA, V.N.

Polynuclear zirconium compounds. Zhur. neorg. khim. 10
no.5:1088-1096 My '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova
AN SSSR.

SKOBA, N.D., kand. tekhn. nauk; KOZHENTSEV, Yu.T., gornyy inzh.

Methods of conducting development mining operations. Ugol' Ukr.
9 no.12:27-29 D '65. (MIRA 19:1)

1. Novocherkasskiy politekhnicheskii institut.

KOZHEN'OVSKI, R. [Kozenowski, R.]

Technical information at the 31st International Fair of Poznan.
Tekhnika Bulg 11 no.7:271-272 '62.

1. Sekretar na NOT v Poznan.

KOZHEUROV, I.V. (Moskva)

Experiments in weightlessness. Fiz. v shkole 23 no.3:56-58
My-Jo '63. (MIRA 16:12)

KOZHEUROV, I. V. (Moskva)

Questions and problems in physics with the elements of astronautics. Fiz. v shkole 22 no.4:92-93 Jl-Ag '62.
(MIRA 15:10)

(Astronautics--Problems, exercises, etc.)

KOZHEUROV, I.V. (Moskva)

Simple deduction of the third law of Kepler. Fiz.v shkole 23
no.1:59-60 Ja-F '63. (MIRA 16:4)

(Gravitation)

KOZHEUROV, P.I.; YEL'TSIN, Yu. V.; GAVRILOV, V. N.
Engineers

"Cast Cutter Holders," (from experience at the Kirov Plant), 16. No. 3, 1945

BR-52059019

PA 233T62

KOZHEUROV, P. I.

USSR/Metallurgy - Steel, Castings,
Properties

Jul 52

"Density and Mechanical Properties of Steel Cast-
ings Depending on the Type of Risers," V. A.
Fateyev, P.I. Kozheurov, Engr

"Litey Proizvod" No 7, p 26

Briefly discusses feeding of castings with break-
off risers and concludes that despite decrease
in specific wt of castings made with application
of these risers, av values of mech properties are
not affected significantly by the type of risers.
Experimentally investigates distribution of por-
osity in castings with breakoff and cutoff risers.

233T62

1. KOZHEUROV, F. I.
2. USSR (600)
4. Steel--Metallurgy
7. Work practice of steelworker Voris Demchik, Lit. proizv., No. 5, 1953.

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

KOZHEUROV P.I.

BEREZKIN, P.N., inzh.; BONDIN, Ye.A., inzh.; GRIGOROV, G.Ya., inzh.;
DURNOVSKIY, V.I., inzh.; KOZHEUROV, P.I., inzh.; NARTOV, Ya.G.,
inzh.; RAZSHIGAYEV, A.F., inzh.; RAYEVSKIY, S.A., inzh.;
SAPOZHNIKOV, N.S., inzh.; TELIPAN, M.G., inzh.; SHEREMOVSKIY,
Yu.I., inzh.; CHERNOV, D.A., inzh.; DUGINA, N.A., tekhn.red.

[ChTZ tractors] Traktory ChTZ. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1957. 101 p. (MIRA 11:5)
(Tractors)

KOZHEUROV, P.I.
KOZHEUROV, P.I.

Mechanizing the stripping, cutting off and cleaning of castings.
Lit.proizv.no.12:8-11 D '57. (MIRA 11:1)
(Founding)

AUTHOR: Kozheurov, P.I. SOV-128-58-9-1/16

TITLE: Specialization and Outlook for the Development of Casting Production in the Chelyabinsk Economic Region (Spetsializatsiya i perspektivy razvitiya liteynogo proizvodstva Chelyabinskogo ekonomicheskogo rayona)

PERIODICAL: Liteynoye proizvodstvo, 1958, Nr 9, pp 1-4 (USSR)

ABSTRACT: In the Chelyabinsk Economic Region there are 64 foundries, most of which are small. Only 9 foundries produce 71.4% of the total output, whereas 31 plants produce only 4.3%. The degree of mechanization in the various plants is shown in Table 1. In 1957, 41.4% of the total casting output was produced by mechanized methods. In the machine building plants, with the exception of the big plants ChTZ and UralZIS where the degree of mechanization is higher, only 27% of the production is mechanized. The coke consumption for the charging of the furnaces varies from 27% of the total consumption in the Verkhniy Ufalety Nickel Plant to 10 - 11% in the Chelyabinsk Metallurgical Plants. Production per worker varies from 9 - 48 tons a year, and the prime cost from 1,124 - 4,800 rubles per ton (Table 2). There is a large deficit in cast materials in the Chelyabinsk Economic

Card 1/2

SOV-128-58-9-1/16

Specialization and Outlook for the Development of Casting Production in the Chelyabinsk Economic Region

Region. Plants costing 75 million rubles must be built to produce 92,000 tons of cast material. The supply of cast material can be organized in a more efficient way. At the present time a plant in Tashkent supplies the Magnitogorsk Crane Plant, and a plant in Kusa in the Chelyabinsk Region supplies a Plant in Tashkent. The development of production in the years 1953-1957 is shown in Figure 2. The deficit in cast material will reach 429,000 tons in 1965. It is recommended to turn 11 mixed production plants over to specialized production. Manual production method, amounting now to 58.6% of the total output, should be decreased to 25 - 28%. New plants producing their own carbon dioxide for carbonic steel should be erected. There are 3 graphs and 2 tables.

1. Foundries--USSR 2. Castings--Production 3. Industrial plants
--Performance

Card 2/2

KOZHEUROV, Petr Il'ich; PORUCHIKOV, Yu.P., kand. tekhn.nauk, retsenzent;
ROMANOV, A.A., kand. tekhn.nauk, red.; DUGINA, N.A., tekhn. red.

[Over-all mechanization in foundries] Kompleksnaia mekhanizatsiia
v liteinykh tsekhakh. Moskva, Mashgiz. 1962. 286 p.
(MIRA 16:2)

(Foundries--Equipment and supplies)

KOZHEUROV, Petr Il'ich; KUZNETSOV, Stepan Petrovich; CHERNOBROVKIN,
V.P., kand. tekhn.nauk, nauchn. red.; SVET Ye.B., red.;
KOLBYCHEV, V.I., tekhn. red.

[Cupola furnaces of the Southern Urals; from work practices
of plants in Chelyabinsk Province] Vagranki Iuzhnogo Urala;
iz opyta raboty zavodov Cheliabinskoi oblasti. Cheliabinsk,
Cheliabinskoe knizhnoe izd-vo, 1960. 73 p. (MIRA 17:3)

NEKHLIUDOV, Yakov Isaakovich; KOZHEUROV, Petr Il'ich; RITS,
Boris Abramovich; ~~SVER, Ye. B., red.~~

[Casting high-strength cast iron crankshafts in permanent molds] Otlivka kolenchatykh valov iz vysokoprochnogo chuguna v kokil'. Cheliabinsk, Iuzhno-Ural'skoe knizhnoe izd-vo, 1964. 47 p. (MIRA 18:5)

KOZHEUROV, Pavel Yakovlevich; GORYACHAYA, M.M., redaktor; NEGRIMOVSKAYA, R.A.,
tekhnicheskii redaktor

[A course in trigonometry for engineering schools] Kurs
trigonometrii dlia tekhnikumov. Izd. 4-oe, stereotip. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry, 1957. 336 p. (MLBA 10:5)
(Trigonometry)

KOZHEUROV, Pavel Yakovlevich; GORYACHAYA, M.M., red.; BRUDNO, K.F.,
tekhn.red.

[Trigonometry] Trigonometriia. Izd.2. Moskva, Gos.izd-vo
fiziko-matem.lit-ry, 1960. 336 p.
(Trigonometry)

(MIRA 14:1)

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ELECTRICAL CONDUCTIVITY OF THIS FILM OF COPPER SULFIDE.																										2																									
V. A. Koshcheyev. <i>Colloid J. (U. S. S. R.)</i> 5, 45-61 (1939).—H₂S produces on surfaces of solns. of CuSO₄ or Cu(NO₃)₂ films whose thickness rises during the first 10 min. only. The max. thickness is 160-210 Å. The sp. resistance of the films is $1.5-1.8 \times 10^{-4}$ ohm./cm. It becomes immeasurably high after the films have been kept for 40 min. <i>in vacuo</i>. It decreases in the course of aging of films in air, and the decrease is more rapid at 85° than at 45°. A definite relation between the resistance and temp. (cf. Devaux and Cayrol, <i>C. A.</i> 28, 3955) does not exist. Presumably the films consist of Cu₂S contg. some sulfur; <i>in vacuo</i> S evaps., and on warming it reacts with Cu₂S; this produces the observed changes in the cond. A film that has been kept <i>in vacuo</i> is not altered by subsequent heating. T. I. Blikerman																																																			

[illegible]

B. 26.
GOZHBORE J. V. R.

Proton transfer during the electrolytic discharge of hydrogen ions.
O. Essin and V. Koshcheyov (*Acta Physicochim. U.R.S.S.*, 1942, 16, 169-180). The mechanism of the reaction $H_2O^+ + e(Me) \rightarrow H_2O + H(Me)$, by which the val. of the overvoltage of H is determined, is discussed. The distance between the electron cloud of the surface atoms of the metal and the min. of the potential energy curve for different models and orientations of H_2O^+ is discussed. A. J. M.

YESIN, C; KOZHEUROV, V.

Laboratory of Theoretical Electrochemistry, Ural Industrial Institute (-1941-)

"On Proton Migration During the Electrolytic Discharge of Ions of Hydrogen." Zhur.
Fiz. Khim. Vol. 17, No. 1, 1943,

BR-52059019

SO: Monthly List of Russian Accessions, Library of Congress, _____ 1953, Uncl.

KOZHEVNIKOV, V. A.

Vliianie blizosti zemli na aerodinamicheskie kharakteristiki
nesushchego vinta gelyoptera. (Tekhnika vozdushnogo flota, 1947,
no. 4, p. 1-8, diagsr., bibliography)

Title tr.: Ground effect on aerodynamic characteristics of a
helicopter rotor.

TL504.T4 1947

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

B

PRINCIPLES AND PROPERTIES INDEX

Distribution of Oxygen Between Metal and Basic Slag From the Point of View of Ionic Theory. (In Russian)
 O. Esin and V. Kyzheurov. *Zhurnal Prikladnoi Khimii* (Journal of Applied Chemistry), v. 21, July 1948, p. 765-774.

Analyzes the experimental data of Chipman and associates from the point of view of Timkin's theory of perfect ionic solutions. Coefficients of activity of ferrous oxide characterizing the deviation of the molten-slag behavior from that of an ideal ionic solution were determined. 10 ref.

6-2

METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
B Thermodynamics of Basic Metallurgical Slags. (In Russian.) V. A. Kozhevov. <i>Zhurnal Fizicheskoi Khimii</i> (Journal of Physical Chemistry), v. 23, Apr. 1949, p. 484-496. Using as an example the distribution of oxygen between metal and basic slags, consisting of FeO, MnO, CaO, MgO, and SiO_2, it is shown that, during determination of the thermodynamic properties of siliceous systems, they should be considered as consisting only of the simplest ions. Data are tabulated and charted. 14 ref.																			
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7

CA

Distribution of manganese and phosphorus between liquid iron and basic slags. V. A. Kozhevnikov. *J. Applied Chem. U.S.S.R.* 23, 241-51(1950)(English translation); *Zhur. Priklad Khim.* 23, 233-43(1950); cf. C.A. 43, 6067h. —In basic slags the equil. const. of the ideal law of mass action was checked against data of Winkler and Chipman (C.A. 44, 3410e) and Krings and Schackman (C.I. 20, 5521). The equations derived and values of mixing energy detd. permit a simple and rapid calcn. of the equil. $\%$ of O, Mn, and P underneath a slag of given compn. Calcns. for 6 slags are given, in which percentages of all 3 elements could be computed simultaneously. M. McMahon

1951

KOZHEUROV, V. A.

USSR/Chemistry - Ferrous Metallurgy

Jun 51

"Thermodynamics of Solid and Liquid Solutions of Iron Oxides," V. A. Kozheurov, Inst of Silicate Chem, Acad Sci USSR, Leningrad

"Zhur Fiz Khim" Vol XXV, No 6, pp 694-701

On basis of their thermodynamic properties, solid and liquid solns of $\text{FeO-Fe}_2\text{O}_3$ can be described as ionic solns without transmutation entropy of mixing a situation explained physically by the fact that, due to continuous electron exchange, Fe ions are indistinguishable in soln. Temp dependence of energy of mixing and allied questions are treated at some length.

206F12

KOZMEUROV, V. A.

Solution (Chemistry)

Method of calculating the degree of order in solutions. Zhur. fiz. khim. 26 no. 4, '52.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

KOZHUROV, V. A.

"Statistical Thermodynamics of Ionic Solutions and Its Application to Metallurgical Slags." Dr Tech Sci, Leningrad Polytechnic Inst, Leningrad, 1954. (RZhKhim, No 4, Feb 55)

SO: Sum. No. 65, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

KOZHEUROV, V. A.

USSR/Chemistry

Card 1/1

Authors : Kozheurov, V. A.

Title : Phenomenon of Limited Solubility in the Binary Silicate Fusions.

Periodical : Zhur. Fiz. Khim. Vol. 28, Ed. 4, 729-734, Apr 1954

Abstract : The editorial presents studies on the field of limited solubility in the binary silicate fusions, in which the blending energy is negative or zero. Also given are equations for determination of the free valence of binary silicate fusions ($\text{FeO} - \text{SiO}_2$, $\text{MnO} - \text{SiO}_2$, $\text{CaO} - \text{SiO}_2$, and $\text{MgO} - \text{SiO}_2$). Six references; tables; graphs.

Institution : Siberian Metallurgical Institute, Stalinsk.

Submitted : July 28, 1953

KOZHEUROV, V. A.

USSR/Chemistry - Metallurgy

Card 1/1

Authors : Kozheurov, V. A., and Laptev, D. M.
Title : Certain metallurgical equilibriums with the participation of acid slags
Periodical : Zhur. Fiz. Khim., 28, Ed. 5, 814 - 823, May 1954
Abstract : The following equilibriums with the participation of acid slags were investigated: solubility of silica in acid slags, oxygen distribution between metal and slag and the equilibrium of manganese. Formulas for computing these equilibriums are included. Nine references: 6-USSR, 3-English. Tables, graphs.
Institution : The Sergo Ordzhonikidze Siberian Metallurgical Institute, Stalinsk
Submitted : July 28, 1953

BEZBAT'CHENKO, A. L., GOLOVIN, I. N., KOZLOV, P. I., STRELKOV, V. S. and YAVLINSKIY, N. A.

"The Electrodeless Discharge with High Current in a Toroidal Chamber with a Longitudinal Magnetic Field." (Work carried out in 1956-57); pp. 116-133.

"The Physics of Plasmas; Problems of Controlled Thermonuclear Reactions." Vol. IV. 1958, published by Inst. Atomic Energy, Acad. Sci. USSR.
resp. ed. M. A. Leontovich, editorial work V. I. Kogan.

Available in Library.

KOZHEUROV, V. A.

"Statistical Thermodynamics of Ionic Solutions, and Its Application to Metallurgic Slag." Acad Sci USSR, Inst of Chemistry of Silicates, Leningrad, 1955. (Dissertation for the Degree of Doctor of Technical Sciences)

SO: M-972, 20 Feb 56

~~KOZHENOV~~, Vladimir Aleksandrovich; GEL'D, P.V., doktor tekhnicheskikh nauk, professor, redaktor; KEL'NIK, V.P., redaktor; KOVALENKO, N.I., tekhnicheskii redaktor.

[Thermodynamics of metallurgical slag; statistical thermodynamics of ion solutions and their application of metallurgical slag]

Termodinamika metallurgicheskikh shlakov; statisticheskaya terminodinamika ionnykh rastvorov i primeneniye ee k metallurgicheskim shlakam. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1955.
162 p. (MLRA 8:12)

(Slag)

137-58-4-6558

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 34 (USSR)

AUTHOR: Kozheurov, V.A.

TITLE: Thermodynamic Properties of Slags in the Light of Ionic Theory (Termodinamicheskiye svoystva shlakov s tochki zreniya ionnoy teorii)

PERIODICAL: V sb.: Fiz. -khim osnovy proiz-va stali. Moscow, AN SSSR. 1957, pp 413-422. Diskus. pp 505-512

ABSTRACT: The free energy F of a binary silicate solution is expressed by the equation:

$$F = x_1 F_1 + x_2 F_2 + RT(x_1 \log x_1 + x_2 \log x_2) + x_1 x_2 Q_{12} \quad (1)$$

where x_1 and x_2 are the ionic fractions of the cations, and F_1 and F_2 are the partial free energies, while Q_{12} is the heat of mixing. For a multi-component solution consisting of K components, equation (1) is written:

equation (2) on next card

Card 1/3

137-58-4-6558

Thermodynamic Properties of Slags in the Light of Ionic Theory

$$F = \sum_{i=1}^k x_i F_i + RT \sum_{i=1}^k x_i \log x_i + \sum_{i=1}^{k-1} \sum_{j=i+1}^k x_i x_j Q_{ij} \quad (2)$$

Equation (2) is applicable to calculation of the activities of various components of slag systems having a basicity > 2 . The heats of mixing of the basic oxides (FeO, MnO, MgO, CaO) are equal to zero. Only the heats of mixing of CaO and MgO with SiO₂ and of MnO with SiO₂ are taken as differing from zero. They are -27,000 and 10,000 cal/mol respectively. Equation (2) is used to calculate the distribution of O between the liquid iron and the slag. The heat of mixing of MnO and SiO₂ is taken as zero. The coefficient of activity of FeO(f_1) is found to be $\log f_1 = (x_3 + x_4) x_5 5900/T(3)$, wherein x_3 , x_4 and x_5 are the ion fractions of Ca, Mg and Si, corresponding to the mol fractions of the respective oxides. An analysis of a large number of experimental data by means of equation (3) and comparison with other methods of analysis shows that the suggested method provides satisfactory results. Equation (2) makes it possible to find the activity both of f and of other slag components. This equation was employed to calculate the equilibrium of Mn and P distributed between the iron and slags. Equation (2) is not applicable to acid slags, as the phenomenon of polymerization of SiO₄⁴⁻ yields unequal energy values for the O ions. O ions bound to two ions of Si are incapable of

Card 2/3

137-58-4-6558

Thermodynamic Properties of Slags in the Light of Ionic Theory

polarization. An additional semi-empirical term $qx, (3x_2-1)^2$, where q is the added heat of mixing, and x_1 and x_2 are the ion fractions of Ca and Si in the CaO-SiO_2 system, is introduced into the equation for F to allow for the circumstance mentioned above in slags of < 2 basicity.

I. K.

1. Slags--Thermodynamic properties 2. Ionic theory--Applications

Card 3/3

SOV/137-59-2-2348

Translation from: Referativnyy zhurnal. Metallurgiya. 1959 Nr 2, p 17 (USSR)

AUTHORS: Kozheurov, V. A., Sablin N. I.

TITLE: On the Thermodynamics of Solutions of Manganese and Silicon in Liquid Iron (K termodinamike rastvorov margantsa i kremniya v zhiid-kom zheleze)

PERIODICAL: Tr. Sibirsk. metallurg. in ta 1957, Nr 4, pp 45-57

ABSTRACT: On the basis of the theory of regular solutions and assuming that the coalescence energy of Fe with Mn equals zero while the coalescence energies of Fe with Si and of Mn with Si are identical, the following formulae for the activities of Fe, Si, and Mn in the Fe-Si-Mn system were developed:

$$a_1 = x_1 \exp(x_3^2 Q/RT); \quad a_2 = x_2 \exp(x_3^2 Q/RT); \quad a_3 = x_3 \exp[(1-x_3)^2 Q/RT]$$

where x_1 , x_2 , and x_3 are the atomic portions of Fe, Mn, and Si, respectively, and Q is the coalescence energy of Fe and Mn with Si. The equation $\log_{10} x_3/x_2^2 = a + b[1 - x_3(2 + x_3)]$ was obtained for the $\text{Si} + 2\text{MnO} = \text{SiO}_2 + 2\text{Mn}$ reaction with a constant composition of the slag. The values a and b were obtained on the premise that the coalescence energy

Card 1/2

SOV/137-59-2 2348

On the Thermodynamics of Solutions of Manganese and Silicon in Liquid Iron

of Fe and Si equals 40.000 cal; for 1703, 1738, and 1813°K they are 3.757, 3.610
and -2.419 for a and 5.135, 5.031, and 4.823 for b, respectively.

T.

Card 2/2

POPKOV, Solomon L'vovich; GERASIMOV, K.M., inzh., retsenzent; KOZHEUROV, Ye.I., kand. tekhn. nauk, retsenzent; ALEKSEYEV, K.B., kand. tekhn. nauk, red.; PETROVA, I.A., red. izd-va; ROZHIN, V.P., tekhn. red.

[Principles of the electric drive servomechanism] Osnovy sledia-shchego elektroprivoda. Izd.2., perer. i dop. Moskva, Gos. izd-vo obor. promyshl., 1958. 362 p. (MIRA 11:8)
(Servomechanisms)

SOV/137-58-11-21961

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 11, p 18 (USSR)

AUTHORS: Kozheurov, V. A., Burylev, B. P.

TITLE: Solubility of Carbon in Molten Iron in the Presence of Manganese and Silicon (Rastvorimost' ugleroda v zhidkom zheleze v prisutstvii margantsa i kremniya)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958, Nr 1, pp 83-93

ABSTRACT: The solubility of C in molten Fe in the presence of Si and Mn is analyzed in terms of the theory of regular solutions. This type of analysis requires knowledge of all the binary heats of mixture Q_{ij} in the Fe-C-Mn-Si system; the author calculates these from experimental data published in the literature: for Fe-Mn $Q_{12}=3500$ cal; for Fe-Si $Q_{13}=-40,000$ cal; for Fe-C $Q_{14}=-23,400$ cal; for Mn-Si Q_{23} from -4000 to -50,000 cal; for Mn-C $Q_{24}=-29,000$ cal; for Si-C $Q_{34}=-10,000$ cal; ΔF (fused graphite) = 23,090 cal. It is shown that the theory of regular solutions is applicable to the calculation of the solubility of C in molten Fe in the presence of Mn and Si (to 10 weight % Si).

Card 1/1

I. K.

KOZHEUROV, V.A.

(КОЖЕУРОВ)

O nerazlichimosti ionov zh eleza trekhkomponentnykh
rasplavakh.

report submitted for the 5th Physical Chemical Conference on
Steel Production.

MOSCOW

30 JUN 1959

KONHEUROV, V.A.

24(8)

PHASE I BOOK EXPIRATION

50V/2909

Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk

Termodinamika i stroeniye rastvorov; trudy sovetskaniya... of the
(Thermodynamics and Structure of Solutions; Transactions of the
Conference Held January 27-30, 1958) Moscow, Izd-vo AN SSSR,
1959. 295 p. 3,000 copies printed.

Ed.: M. I. Shakhparonov, Doctor of Chemical Sciences; Ed. of Publishing
House: M. G. Yegorov; Tech. Ed.: T. V. Polyakova.

PURPOSE: This book is intended for physicists, chemists, and
chemical engineers.

COVERAGE: This collection of papers was originally presented at the
Conference on Thermodynamics and Structure of Solutions. Sponsored
by the Academy of Chemical Sciences of the Academy of Sciences,
USSR, and the Department of Chemistry of Moscow State University,
and held in Moscow on January 27-30, 1958. Critical reports
and held in Moscow on January 27-30, 1958. Critical reports
and held in Moscow on January 27-30, 1958. Critical reports
also read at the conference, but not included in this book.
are given. Among the problems treated in the book are:
electrolytic solutions, ultrasonic measurements, dielectric
and thermodynamic properties of solutions, spectroscopic
analysis, etc. References accompany individual articles.

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KOZHEUROV, V.A., doktor tekhn. nauk, prof.

Activity of silica in molten $\text{CaO} - \text{SiO}_2$ systems. Izv. vys. ucheb.
zav.; chern. met. 2 no.3:9-12 Mr '59. (MIRA 12:7)

1. Chelyabinskiy politekhnicheskiy institut. Rekomendovano
kafedroy kafedroy fizicheskoy i analiticheskoy khimii Chel-
yabinskogo politekhnicheskogo instituta.

(Silica) (Activity coefficients)
(Silicates)

LAPTEV, D.M.; KOZHEUROV, V.A.

Thermodynamic properties of melts containing iron oxides. Izv. vys.
ucheb. zav.; Chern. met. 4 no.12:8-17 '61. (MIRA 15:1)

1. Sibirskiy metallurgicheskiy institut i Chelyabinskiy politekh-
nicheskiy institut.

(Iron oxides) (Vapor-liquid equilibrium)

BERENGARD, A.S.; KOZHEMYAKIN, V.A.; FILATOVA, N.A.

Preparation of titanium and zirconium tetrachloride during the
processing of titanium-zircon concentrates. Titan i ego splavy
no.5:181-187.'61. (MIRA 15:2)

(Titanium chloride)
(Zirconium chloride)

KOPHEUROV, V.A.

Thermodynamics of interstitial solutions. Izv. vys. ucheb. zav.;
chern. met. 8 no.2:10-16 '65. (MIRA 18:2)

1. Chelyabinskiy politekhnicheskii institut.

MIKHAYLOV, G.G.; KOZHEUROV, V.A.

Mechanism of electric conductivity in wustite. Zhur. fiz. khim. 39
no.3:775-776 Mr '65. (MIRA 18:?)

1. Chelyabinskiy politekhnicheskii institut.

KOZHEUROV, V.A.

Hydrogen solubility in slag depending on the slag composition.

Izv. vys. ucheb. zav.; chern. met. 8 no.10:5-13 '65.

(MIRA 18:9)

1. Chelyabinskiy politekhnicheskiy institut.

ANTONENKO, V.I.; KOZHEUROV, V.A.

Calculating hydrogen solubility in multicomponent slags.

Izv. vys. ucheb. zav.; Chern. met. 8 no.11:14-19 '65.

(MIRA 18:11)

1. Gorkhinskiy politekhnicheskii institut.

KOZHEUROVA, A.A.

KOZHEUROVA, A.A. I MASTEROVA, V.P.

25138 KOZHEUROVA, A.A. I MASTEROVA, V.P. Belkovo-Vitaminnyy Preparat Kak
Istochnik Karotina Pri Vyrashivanii Molodnyaka Krupnogo Rogatogo Skota I Sviney.
V SB: Voprosy Kormodobyvaniya. Vyp. Z.M., 1949, S. 208-11

SO: LFTOPIS' NO. 33, 1949

BUDTOLAYEV, N.M., kandidat tekhnicheskikh nauk; KOZHEV, V.I., inzhener.

Studying navigation in the Lena River basin. Rech.transp.14 no.12:
11-13 Je '55. (MIRA 9:9)
(Lena River--Inland navigation)

USSR/Virology - The Virus of Foot-and-Mouth Disease.

E.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 85836

Author : Kozhevatoval, N.I.

Inst : Scientific Research Institute of Animal Husbandry and
Veterinary Medicine of the Tadzhik SSR

Title : A Study of the Types of Foot-and-Mouth Disease Virus in
Agricultural Animals in Tadzhikistan.

Orig Pub : Tr. N.-I. In-ta Zhivotnovodstva i Veterinarii TadzhSSR,
1957, Vol. 1, 24-30

Abstract : No abstract.

Card 1/1

USSR/Diseases of Farm Animals - Diseases Caused by Bacteria
and Fungi

R

Abs Jour : Ref Zhur Biol., No 5, 1959, 21405

Author : Kozhevatova, N.I.

Inst : Scientific Research Institute of Animal Husbandry and
Veterinary Medicine, Tadzhik SSR.

Title : Treating Guinea Pigs and Rabbits Affected with Listeriosis
by Ecmonovocillin.

Orig Pub : Tr. N.-1. in-ta zhivotnovodstva i veterinarii, Tadzh. SSR,
1957, 1, 112-114

Abstract : In combating the disease, positive results were obtained
with ecmonovocillin-1. The preparation was injected in-
tramuscularly into the femoral area of guinea pigs in
3,000 international unit doses for a period of 4 days
twice daily with 8-hour intervals. Rabbits were given

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USSR/Diseases of Farm Animals- Diseases Caused by Bacteria
and Fungi

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Abs Jour : Ref Zhur Biol., No 5, 1959, 21405

the preparation in the same order in 5,000 international
unit doses for adult animals, and in 3,000 international
unit doses for young stock. -- A.P. Isupov.

Card 2/2

KOZLOV, F.R.; KOSYGIN, A.N.; ZASYAD'KO, A.F.; NESMEYANOV, A.N.;
ANTROPOV, P.Ya.; YELYUTIN, V.P.; RUDAKOV, A.P.; KIRILLIN, V.A.;
TOPCHIEV, Aleksandr V.; BLAGONRAVOV, A.A.; SHEVYAKOV, L.D.;
SHILIN, A.A.; MEL'NIKOV, N.V.; KRASNIKOVSKIY, G.V.; TOPCHIEV,
Aleksy V.; BOYKO, A.A.; BRATCHENKO, B.F.; GRAFOV, L.Ye.; KUZ'MICH,
A.S.; KRATENKO, I.M.; MAN'KOVSKIY, G.I.; PLAKSIN, I.N.; AGOSHKOV, M.I.;
SPIVAKOVSKIY, A.O.; POCHENKOV, K.I.; KRASOZOV, I.P.; KOZHEVIN, G.V.;
LINDENAU, N.I.; KUZNETSOV, K.K.

Academician A.A.Skochinskii; obituary. Mast.ugl. 9 no.11:22 N '60.

(MIRA 13:12)

(Skochinskii, Aleksandr Aleksandrovich, 1873-1960)

ACC NR: AP6021831

SOURCE CODE: UR/0413/66/000/012/0171/0171

INVENTOR: Girshovich, M. G.; Kilyakov, A. D.; Kozhevnikov, I. A.

ORG: None

TITLE: Stocks for assembling cylindrical and tapered aircraft sections. Class 87, No. 183136

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 171

TOPIC TAGS: aircraft industry, aircraft fuselage, aircraft maintenance equipment

ABSTRACT: This Author's Certificate introduces: 1..Stocks for assembling cylindrical and tapered sections and other similar structures. The section end ribs rest on joint rings which are fixed to mutually parallel horizontal support plates. The lower plate is fixed while the upper plate can be moved. These plates are located between vertical columns which in turn are rigidly fixed to a stationary base. Setup time is cut during changeover from one type of assembly to another, and the number of required tools and attachments is minimized by equipping the stocks with a coordinate unit consisting of a lower support plate with a turret which can rotate about the vertical axis, a vertical bar which is fixed at the turret end and other supports which have horizontal bars. Each of these bars may be moved in a horizontal direction and carries a working tool such as a holding device or a trimming head. 2. A

Card 1/2

UDC: 621.757:629.13.012.2