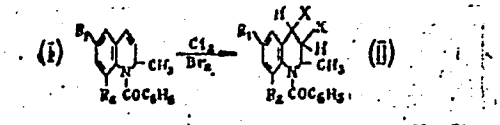
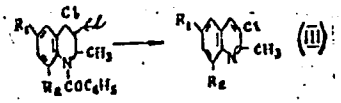
ACC NR: AP6034209



Ia $R_1 = CH_3$; $R_2 = H$.
Ib $R_1 = R_2 = CH_3$.

IIa $R_1=CH_3$; $R_2=H$; X=Cl.
IIb $R_1=R_2=CH_3$; X=Cl.
IIc $R_1=CH_3$; $R_2=H$; X=Br.
IId $R_1=R_2=CH_3$; X=Br.

On boiling with dilute sulfuric acid the dihalogen derivatives are converted into the 3-chloroderivatives IIIa (mp 83—84°C, yield 51%) and IIIb (mp 67—68°C, yield 45%):

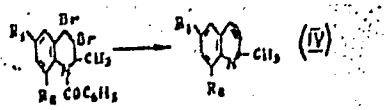


IIIa $R_1=CH_3$; $R_2=H$.
IIIb $R_1=R_2=CH_3$.

On boiling with diluted sulfuric acid the dibromo derivatives undergo transformation into quinoline bases IVa (mp 58—59°C) and IVb (mp 46 to 47°C):

Card 2/3

ACC NR: AP6034209



(IV)

IVa $R_1 = CH_3$; $R_2 = H$.
IVb $R_1 = R_2 = CH_3$.

[W.A. 50]

SUB CODE: 07/ SUBM DATE: 27Nov64/ ORIG REF: 001/ OTH REF: 001

Card 3/3

ZALUKAYEV, L.P.; MOISEYEVA, L.V.

Synthesis of some 1,3-indandione derivatives. Part 2. Zhur. org. khim. 1 no.9:1606-1607 S '65. (MIRA 18:12)

1. Submitted July 24, 1964.

L 16073-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5021678 SOURCE CODE: UR/0192/65/006/004/0619/0624

39
36
B

AUTHOR: Meleshina, A. M.; Zalukayev, L. P.

ORG: Voronezh State University (Voronezhskiy gosudarstvennyy universitet)

TITLE: Intramolecular homocomplexes

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 4, 1965, 619-624

TOPIC TAGS: aromatization, benzene, intramolecular mechanics, quantum mechanics

ABSTRACT: Experimental facts suggest that some aromatic systems form intramolecular homocomplexes with charge transfer (CTC). Thus, CTC may occur between benzene rings within one molecule. Starting with the principle of superimposition and orientation, proposed by Milliken (Rec. trav. chim. 75, 845, 1959), the authors have carried out a quantum-mechanical calculation the results of which indicate that this kind of complex is formed in bibenzyl (I). Evaluation of the energy of CTC (found to be of the range of 0.03 ev) shows that the "constriction"

Card 1/2 UDC: 539.196

L 16073-66

3

ACC NR: AP5021678

of benzene rings in I and some peculiarities of behavior of I as compared to benzene, biphenyl, and diphenylmethane can be satisfactorily explained by the formation of an intramolecular CTC. Orig. art. has: 3 figures and 6 formulas.

SUB CODE: 07,20 SUBM DATE: 11Jan64/... ORIG REF: 004/ OTH REF: 013

Card 2/2

MELESHINA, A.N.; ZALUKAYEV, L.P.

Formation of complexes with charge transfer by free radicals. Zhur. fiz. khim. 38 no.6:1434-1441 Je '64. (MIRA 18:3)

1. Voronezhskiy gosudarstvennyy universitet.

L 55863-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RM
UR/0081/65/000/008/S087/S087 26
ACCESSION NR: AR5014955 B

SOURCE: Ref. zh. Khimiya. Abs. 8S550

AUTHOR: Zalukayev, L. P.; Pivnev, V. I. 15

TITLE: Evaluation of the effectiveness of a series of antioxidants for rubbers by the NMR method

CITED SOURCE: Sb. rabot po khimii vysokomolekul. soyedineniy. Voronezhsk. un-t, vyp. 2, 1963, 140-141

TOPIC TAGS: synthetic rubber, rubber antioxidant, nuclear magnetic resonance, rubber film oxidation

TRANSLATION: Eight antioxidants were tested in SKB (synthetic butadiene rubber). The content of anti- ... amines and (b) four phenols. ... In the course of the oxidation, the ratio of the ... unoxidized (A_0) and oxidized (A) rubbers was measured. All the antioxidants ... group (a) stopped the autocatalysis at the very start of the oxidation, A_0/A

Card 1/2

L 55860-65
ACCESSION NR: AR5014915

being constant. The antioxidants of group (b) retarded only the process of [illegible] at the start of the oxidation; their induction period began some [illegible] were arranged in

N-sec-octyl-p-anisidine. S. K.

SUB CODE: NP, MT ENCL: 00

awm
Card 2/2

ZALUKAYEV, L.P.; KLYKOVA, L.V.

Electrophilic variant of the Michael reaction. Zhur. ob. khim. 34 no.11:3821-3822 N '64 (MIRA 18:1)

1. Voronezhskiy gosudarstvennyy universitet.

ZALUKAYEV, L.P.; MOISEYEV, V.V.

Reaction of 2-aryl-1,3-indandiones with α,α-diphenyl-β-picrylhydrazyl. Zhur. ob. khim. 34 no.11:3851 N '64 (MIRA 18:1)

1. Voronezhskiy gosudarstvennyy universitet.

ZALUKAYEV L.R.

30-12-35/45

AUTHOR: None Given.

TITLE: Defense of Dissertations (Zashchita dissertatsiy). (January - July 1957)(Yanvar' - iyul' 1957). Section of Chemical Sciences (Otdeleniye khimicheskikh nauk).

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 12, p. 112-113 (USSR)

ABSTRACT: At the Institute for Chemical Physics (Institut khimicheskoy fiziki). Application for the degree of Candidate of Physical-Mathematical Sciences: M. M. Khaletskiy-Measuring of total Cross Sections and of the Differential Cross Sections of the elastic scattering of 14.8 MeV neutrons, σ elasticity (θ) by the method of determination of the (n,a) coincidence (Izmereniye polnykh secheniy σ_t i differentsial'nykh secheniy uprugogo rasseyaniya 14,8 Mev neytronov σ upr. (θ) metodom scheta (n,a) sovpadeniy).
At the Institute for Element-organic Compounds (Institut elementoorganicheskikh soyedineniy). Application for the degree of Doctor of Chemical Sciences: L. R. Zalukayev - New Ways of Producing Nitrocompounds (Novyye puti polucheniya nitrosoyedineniy). L. G. Makarova - Investigation in the field

Card 1/2

of the decomposition mechanism of the diphenyl iodonium- and aryl diazonium salts (Issledovaniye v oblasti mekhanizma razlozheniya difenilyodoniyevykh i arildiazoniyevykh soley). Applications for the degree of Candidate of Chemical Sciences: S. V. Vitt-Investigation of the mechanism of alkylation by means of ammonium compounds (Issledovaniye mekhanizma alkilirovaniya soyedineniyami ammoniya). G. M. Pogosyan - synthesis and polymerization of alkoxystirenes (Sintez i polimerizatsiya alkoksistirolov).

AVAILABLE: Library of Congress

1. Chemistry 2. Organic compounds—Elements

ZALUKAYEV, L.P.; MIKHANT'YEV, B.I.; ZALUKAYEVA, Ye.A.

Problem of intramolecular donor-acceptor interaction. Dokl. AN SSSR 156 no. 5:1109-1111 Je '64. (MIRA 17:6)

1. Voronezhskiy gosudarstvennyy universitet. Predstavleno akademikom M.I.Kabachnikom.

ZALUMI, G.G.

Effectiveness of propagation of the pike perch and roach at the Akhtar Hatchery Farm. Trudy VNIRO 31 no.2:230-248 '55. (MLRA 9:8)

1. Ascherrytvod.
(Akhtar Liman--Fish culture)

ZALUNIN, K.P., Cand Tech Sci -- (diss) "Calculating the strain of ~~xxx~~ compressed rods of variable cross-section and of ~~composite~~ rods." Novocherkassk, 1959, 14 pp with drawings (Min of Higher Education USSR. Novocherkassk Order of Labor Red Banner Polytechnical Inst im S. Ordzhonikidze) 150 copies (KL, 28-59, 127)

ZALUNIN, K.P.; PIKOVSKIY, A.A., prof., doktor tekhn.nauk, nauchnyy rukovoditel', red.; SADETOV, S.Ya., dots., kand.tekhn.nauk, otv. red.

[Deformation analysis of composite rods and compressed rods with variable cross sections] Deformatsionnyi raschet szhatykh sterzhnei peremennogo secheniia i sostavnykh sterzhnei. Rostov-na-Donu, 1958. 49 p. (Rostov-on-Don. Inzhenerno-stroitel'nyi institut. Nauchnoe soobshchenie, no.2). (MIRA 13:9)

(Elastic rods and wires)

ZALUNIN, N.I.

What mechanization has given us. Nauka i zhizn' 23 no.5:31-32 '56.
(MLRA 9:8)

1. Direktor svinosovkhoza "Mytishchi", Moskovskoy oblasti.
(Moscow Province--Swine breeding)

ZALUSKO, H.

NIEMIERKO, W.; DYDYNSKA, M.; DRABIKOWSKI, W.; KAKOL, I.; ZALUSKA, H.

Free and bound ATP and ADP in frog muscles. Acta physiol. polon. 5 no.4:609-611 1954.

1. Z Zakładu Biochemii Instytutu im. M.Nenckiego w Łodzi. Kierownik: prof. dr W.Niemierko.

(ADENYLPYROPHOSPHATE, metabolism,
muscle, in frog)
(MUSCLES, metabolism,
ADP & ATP)

KELETI, T.; GYORGYI, S.; TELEGDI, Marianna; ZALUSKA, Halina

Studies on d-glyceraldehyde-3-phosphate dehydrogenases. XIX. The role of the Zn-ions of the enzyme. Acta physiol. acad. sci. hung. 22 no.1:11-19 '62.

1. Institute of Biochemistry, Hungarian Academy of Sciences, and Institute of Medical Physics, Medical University Budapest.
(DEHYDROGENASES) (ZINC)

ZALUSKA, H.

Interrelationship between glycogen and chitin metabolisms in the development of silkworm. Acta physiol. polon. 8 no.3:581-582 1957.

1. Z Zakladu Biochemii Instytutu Biologii Dosw. im. Nenckiego w Warszawie Kierownik: prof. dr W. Niemierko.

(MOTHS,
Bombyx mori, glycogen & chitin metab. (Pol))
(GLYCOGEN, metabolism,
Bombyx mori, relation to chitin (Pol))
(POLYSACCHARIDES, metabolism,
chitin in Bombyx mori, relation to glycogen (Pol))

ZALUSKA, Janusz

Utilization of various fodder compositions by sheep of several races bred in Poland. Prace przyrod roln Szczecin 15 no.2:3-53 '62.

ZALUSKA,Janusz; CHMIELNIK,Henryk

Effect of applying downgraded protein doses in winter feeding of yearling merino sheep on their gaining in weight, wool productivity, and fertility. Prace przyrod roln Szczecin 15 no.2:55-71 '62.

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; SLONIEWICZ, Witold; TUBIELEWICZ, Jaroslaw; ZALUSKA, Jozef

Lymphography with the use of oily contrast media. Pol. przegl. radiol. 27 no.6:493-499 '63.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie Kierownik: dr med. J. Bowkiewicz Z Oddzialu Chirurgii Ogolnej Miejskiego Szpitala Bielanskiego Ordynator: doc. dr med. W. Wiechno.
(LYMPHOGRAPHY) (CONTRAST MEDIA)

GOROWSKI, Tadeusz; CHOMICKI, Oskar; ZALUSKA, Jozef

Detection of latent intrathoracic goiters by the scintigraphic method. Polskie arch. med. wewn. 32 no.4:303-314 '62.

1. Z Osrodka Radioizotopowego Studium Doskonalenia Lekarzy AM w Warszawie Kierownik: prof. dr med. W.Hartwig i z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego Kierownik: dr med. J.Bowkiewicz.

(GOITER diag) (RADIOAUTOGRAPHY)

ZALUSKA, N.

NIEMIERKO, W.; KAKOL, I.; ZALUSKA, H.

Carbohydrate metabolism during growth of silkworm Larvae. Acta physiol. polon. 5 no.4:584-586 1954.

1.Z Zakladu Biochemii Instytutu im. M.Nenckiego. Kierownik: prof. dr W.Niemierko.

(MOTHS,
silkworm, carbohydrate metab. during growth of larvae)
(CARBOHYDRATES, metabolism,
silkworm, during develop. in larvae)

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; BLONIEWICZ, Witold; SAMUSKA, Jozef

Radiological anatomy of the [illegible] and [illegible] lymphatic system. Pol. przegl. radiol. 28 no.5:389-394 S-O '64

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz) i z Oddzialu Chirurgii Ogolnej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: doc. dr. med. W.Miechno).

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; ZALUSKA, Jozef

Multiscope 10. Pol. przegl. radiol. 28 no.4:381-382 Jl-Ag '64.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kerownik: dr med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; ZALUSKA, Jozef

Remote control drum seriograph for arteriographic examination of extremities. Pol. przegl. radiol. 28 no.4:383-387 Jl-Ag '64.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: dr med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; KLAMUT, Marian; ZAKRZEWSKI, Mieczyslaw; ZALUSKA, Jozef

Automatic syringe for angiography. Pol. przegl. radiol. 29 no.4: 445-454 Jl-Ag '65.

1. Z Pracowni Rentgenodiagnostycznej Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; ZAIUSKA, Jozef

The 4-compartment wall or mobile negatoscope. Pol. przegl. radiol. 29 no.3:349-351 My-Je '65.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz).

BORKIEWICZ, Janusz; BULSKA, Malgorzata; HUMAN, Wladsim[illegible]; KOBUSZEWSKA-BARWINOWA, Maria; KUCHARCZYK, Kazimierz; SZUSKA, Halina; ZALUSKA, Jozef

Lymphography in cases of early cancer of the cervix uteri (preliminary communication). Pol. przegl. radiol. 28 no.5:395-400 S-O '64

1. Pracowni Rentgenodiagnostycznej Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. B[illegible]lewicz); z Katedry Poloznictwa i Ginekologii Studium Doskonalenia Lekarzy w Warszawie (Kierownik: prof. dr. med. M. Bulska) i z Oddzialu Chirurgii Ogolnej Szpitala Bielanskiego w Warszawie (Ordynator: doc. dr. med. W. Miechmo).

BOWKIEWICZ, Janusz; FURMAN, Wlodzimierz; ZALUSKA, Jozef

Adaptation of the bone table x-ray apparatus ZI-12 for abdominal angiography. Pol. przegl. radiol. 28 no.5:491-494 S-O '64

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz).

ROLINSKI, J., prof.; ZALUSKA, R., mgr.inz.

Research on the electric and spectral properties of the Mercury-Quartz tube S-450. Pomiary automatyka Kontrola 8 no.2:104 F '62.

KORBECKI, Michal; ZALUSKA, Ryszard

A method for the production of live HeLa cell suspensions for virological work. Postery hig.med.dosw. 13 no.6:817-820 '59.
(TISSUE CULTURE)

URBANOWICZ, Z.; ZALUSKA, S.

Short nerves of the brachial plexus in Macacus rhesus. Folia morph. (Warsz) 24 no.1:11-21 '65.

Origin of the brachial plexus in Macacus rhesus. Ibid.:23-34

1. Z Zakladu Anatomii Prawidlowej Akademii Medycznej w Lublinie (Kierownik: prof. dr. med. M. Stelmasiak).

MYSAKOWSKA, Helena; ZALUSKA, Stanislawa; GRODZKI, Stanislaw; KUCHARSKI, Ryszard, PIETRON, Eugeniusz

Clinical forms of pulmonary tuberculosis in women and men from rural and urban environments. Gruslica 27 no.11:1153-1163 N '59.

1. Z Kliniki Gruslicy Pluc A.M. w Lublinie. Kierownik: doc.dr. H. Mysakowska.
(TUBERCULOSIS PULMONARY epidemiol.)

ZALUSKA, Stanislaw

The cutaneous nerves of the anterior extremity of Macacus rhesus. Acta biol. med. (Gdansk) 8 no.2:245-269 '64

1. Z Zakladu Anatomii Prawidlowej Szlowieka Akademii Medycznej w Lublinie (Kierownik: Prof. dr. Mieczyslaw Stelmasiak).

CETNAROWICZ, Halina; LATALLO, Zbigniew; PIECHOCKA, Teresa; ZALUSKA, W.

A case of congenital factor V deficiency. Pol. med. wewnet. 32 no.7: 757-759 '62.

1. Z Instytutu Hematologii w Warszawie i z Poradni dla Chorych na Hemofilie w Warszawie Kierownik: doc. dr med. W. Trojanowski.
(HEMORRHAGIC DIATHESIS)

ZALUSKA-NOWEK, Zofia

Humic acids in the brown coal from the Wladyslawow--Chylin region. Kwartalnik geol 8 no.3:678-688 '64.

1. Department of Brown Coal Deposits of the Institute of Geology, Warsaw. Submitted September 24, 1963.

BIRULYA, N.B.; ZAITSKAYA, L.I.

Warming up of the climate and outbreaks of tick-borne encephalitis. Med. paraz. i paraz. bol. 34 no.3:265-271 My-Je '65.
(MIRA 18:7)

1. Rostovskiy nauchno-issledovatel'skiy institut meditsinskoy parazitologii Ministerstva zdravookhraneniya RSFSR.

ZALUSKI, K.

GEOGRAPHY & GEOLOGY

Periodical: RUCH TURYSTYCZNY. No. 1, July/Sept. 1957.

ZALUSKI, K. The International Union of Official Travel Organizations. p. 49.

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

ZALUSKI, Z.

Ordinary heroism of an ordinary man; a review of W. Grossman's book Life and Fate. Vol. 1. For a Just Cause.

P. 39 (WOJSKO LUDOWE) (Warszawa, Poland) No. 2, Feb. 1958

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

ZALUSKI, Z.

Against war or against losing war; a motion-picture review.

P. 9 (ZOLNIERZ POLSKI) (Warszawa, Poland) No. 9. Feb. 1958

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

ZALUTSKAYA, L.I.

Comparative data on the biology of Anopheles minumus and Anopheles vagus in the vicinity of the city Tay-Nguan, Democratic Republic of Vietnam. Med.paraz.i paraz.bol. 37 no.5:548-553 S-O '59.
(MIRA 13:4)

1. Iz Respublikanskogo nauchno-issledovatel'skogo instituta malyarii i meditsinskoy parazitologii Ministerstva zdravookhraneniya RSFSR v Rostove-na-Donu (direktor instituta - prof. S.N. Pokrovskiy, rukovoditel' otdela po izucheniyu nasekomykh i bor'be s nimi V.P. Polovodova).
(VIETNAM, NORTH--MOSQUITOES)
(ANOPHELES)

BIRULYA, N.B.; ZALUTSKAYA, L.I.

Taxonomic units in the classification of tickborne encephalitis.
Med. parazit. i paraz.bol. 28 no.6:666-675 N-D '59. (MIRA 13:12)
(ENCEPHALITIS) (TICKS AS CARRIERS OF DISEASE)

SERGIYEV, P.G.; NABOKOV, V.A.; ZALUTSKAYA, L.I.; GODLEVSKAYA, N.L.

Experiment in the control of winged insects under natural conditions in the Volga-Akhtyuba river valley; work results of the joint expedition of the Institutes of Malaria, Medical Parasitology and Helminthology of the Ministries of Public Health of the U.S.S.R. and the R.S.F.S.R. and of the Stalingrad Province and the Central Akhtyuba District Malaria Control Stations during the 1952 season. Med.paraz.i paraz.bol. no.2:142-152 Mr-Ap '53. (MLRA 6:6)

(Akhtyuba River Valley--Insects as carriers of contagion) (Volga River Valley--Insects as carriers of contagion)

L 46244-66 EWT(m)/EWP(k)/T/EWP(w)/EWP(v)/EWP(t)/ETI IJP(c) JD/HM/JH

ACC NR: AP6023915 SOURCE CODE: UR/0363/66/002/007/1206/1212

AUTHOR: Rabkin, D. M.; Cherkashin, Ye. Ye.; Ryabov, V. R.; Zalutskaya, O. I.

ORG: Institute of Electric Welding im. Ye. O. Paton (Institut elektrosvarki); L'vov State University im. I. Franko (L'vovskiy gosudarstvennyy universitet)

TITLE: Study of the phase composition of iron-aluminum welds

SOURCE: AN SSSR. Izv. Neorg materialy, v. 2, no. 7, 1966, 1206-1212

TOPIC TAGS: weld evaluation, iron compound, aluminum compound

ABSTRACT: Standard Debye powder patterns of the most stable phases of the Fe-Al system were obtained, and the variation of the lattice constant of the α phase with the quantitative content of aluminum was studied. The composition of the intermetallic interlayers in iron-aluminum welds was also investigated. The following series of phases was observed on passing from iron to aluminum: α-Fe - Fe_2Al_5 - ($FeAl_3$) - Al. It is shown that the weld undergoes brittle failure when the Fe_2Al_5 phase is present in the Fe-Al system, and that the strength of the weld is greater the lower the content of this phase in the interlayer. The Fe_2Al_5 phase was not observed in strong welds alloyed with other metals (Zn, Si, Cu, Ba). The phase composition of the intermetallic interlayers of these welds depends on the qualitative and quantitative composition of the alloyed aluminum filler wire. The following sequence of phases on passing from iron (steel) to aluminum is observed in welds alloyed with zinc (15%): α-Fe

UDC: 621.791.053:541.412

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L 46244-66

ACC NR: AP6023915

- Zn - Al; as the zinc content of the filler wire drops, the $FeAl_3$ phase appears. $FeZn_7$ (in welds alloyed with silicon), a small amount of $FeZn_7$ and traces of $FeAl_3$ (in welds alloyed with copper) and traces of $FeAl_3$ (in welds alloyed with barium) were found in addition to iron, zinc, and aluminum in welds alloyed with Si, Cu, and Ba. Precise determinations of the lattice constants of the phases in the welds showed the absence of an appreciable dissolution of other metals in α-Fe; in aluminum, the dissolution of other metals is already substantial, and it is still higher in zinc. Orig. art. has: 2 figures and 5 tables.

SUB CODE: 13/ SUBM DATE: 10May65/ ORIG REF: 008

joining of dissimilar metals

hs

Card 2/2

ZALUTSKAYA, T.L.

Analyzing a model method of pulse-voltage measurements. Trudy VNIIM no.13:50-71 '53. (MIRA 11:6)
(Pulse techniques (Electronics)--Measurements)

ZALUTSKAYA, T.L.; PECHEREY, L.Ye.

Power dissipation in a coaxial load with an external cylindrical conductor. Trudy inst. Kom. stand., mer i izm. prib. no.53:5-9 '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.

(Radio lines)

S/194/62/000/003/049/066
D201/D301

AUTHORS: Zalutskaya, T. L. and Pecherey, L. Ye.

TITLE: Dissipation of power in a coaxial load with an external conductor of cylindrical shape

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 3, 1962, abstract 3zh196 (Tr. in-tov Kom-ta standartov, mer i izmerit. priborov pri Sov. Min. SSSR, 1961, no. 53 (113), 5-9)

TEXT: The distribution of power along the load is studied as dependent on the relative lengths of the load and of the wave. Starting with current and voltage distribution along a short-circuited loss line, the authors derive an equation for power transmitted through any cross-section perpendicular to the line. It is shown that when the length l of the line is small as compared with the wavelength, the power distribution along the line is a linear function of the distance. A simplified formula for the ratio of power at any load cross-section to the power supplied at the input is

Card 1/2

Dissipation of power ...

given: $P/P_1 = \exp[-2\alpha(x-1)]$, where x - the actual coordinate along the load axis, α - attenuation coefficient. The calculation of power distribution was made along a load having a length l = 0.7 cm, for the frequency band 150 - 1000 Mc/s; the calculation shows that the distribution of power along a given load is in satisfactory agreement with that of a low frequency alternating current. [Abstracter's note: Complete translation.]

Card 2/2

GRIGOR'YEV, A.V., ZALUTSKAYA, T.L.; PECHEREY, L.Ye.; SMIRNOV, A.I.

Errors of coaxial calorimeter-type power measuring device due to unequivalent heat losses. Trudy inst. Kom. stand., mer i izm. prib. no.53:10-20 '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.
(Microwaves) (Electric measurements)

ZALUTSKAYA, T.L.; KRZHIMOVSKIY, V.I.; KSHIMOVSKIY, V.V.; MOROZOVA, T.B; RABINOVICH, B.Ye.; STOYAKINA, O.V.

Standard unit for measuring low power in the microwave range. Izm. tekh. no. 1:35-37 Ja '61. (MIRA 14:1)
(Electric measurements) (Microwaves)

ZALUTSKIY, A.M.

Effect of a distant electrode on the readings of large-scale potential zondes. Razved. i prom. geofiz. no.43.93-96 '63
(MIRA 16:1)

AFRIKYAN, A.N.; ZALUTSKIY, A.M.

Using large electric probes to study carbonate sediments of Volgograd Province. Trudy MINKHiGP no.41:118-127 '63. (MIRA 16:10)

ZALUTSKIY, G.

Outstanding invention. Kryl. rod. 3 no.1:15-16 Ja '52.
(MLRA 8:8)
(Kotel'nikov, Gleb Evgen'evich, 1872-1944) (Parachutes)

ZALUTSKIY, G.

Film about the airborne infantry. Kryl.rod. 12 no.4:26 Ap '61.
(MIRA 14:7)
(Motion-picture plays)

ZALUTSKIY, O.

Way to mastery; sketch. Kryl. rod. 9 no.3:4-5 Mr '58. (MIRA 11:3)
(Parachutists)

CZECH/3-59-11-25/36

1(8)

AUTHOR: Zalutskiy, G.

TITLE: New Record (Nový rekord)

PERIODICAL: Křídla Vlasti, 1959, Nr 11, p 18, col 2 and 3 (CSR)

ABSTRACT: Author points out new speed record for a 100 km distance set by Vasiliy Ryakhovskiy, who, with the MI-1 helicopter reached a speed of 180.324 km/h. Fedor Belushin reached 6,702 m altitude with the MI-1 helicopter. Tat'yana Russiyanova established a new womens altitude record at 4,140m. She used the MI-1 helicopter. There is 1 photo.

Card 1/1

DANILENKO, V. (g.Khabarovsk); TSIOMA, G.; ZALUTSKIY, G.; BAKLANOV, S., starshiy instruktor-letchik; KUZ'MIN, N.; KORENYAKO, A.

Facts, events, people. Kryl.rod. 12 no.8:14-15 Ag '61. (MIRA 14:8)

1. Nachal'nik aeroklubа, g. Sverdlovsk (for TSioma). 2. Sartovskiy obkoma Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Baklanov). 3. Zamestitel' predsedatelya respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu, g. Minsk (for Korenyako).
(Aeronautics)

ZALUTSKIY, G.

PHASE I REASURE ISLAND BIBLIOGRAPHICAL REPORT

BOOK Call No.: AF 539217

Authors: GLEBOV, A., and ZALUTSKIY, G.
Full Title: CREATOR OF THE AVIATION PARACHUTE
Transliterated Title: Sozdatel' aviatsionnogo parashyuta

PUBLISHING DATA

Originating Agency; None
Publishing House: Publishing House of the DOSARM, All-Union Voluntary Society for the Promotion of the Army
Date: 1951 No. pp.: 84 No. of copies: 25,000

Editorial Staff

Editor: Kamnevaya, N. A.

PURPOSE: This is a popular booklet on the development of the parachute in Russia (up to 1950) and the work of the inventor Kotel'nikov, G. Ya. (1872-1944) whom the Soviets consider the creator of the first parachute. A number of names are mentioned. Diagrams, photos, etc.

No. of References: Some references are scattered in footnotes
Facilities: None

SOV/85-58-10-4/34

AUTHOR: Zalutskiy, G.

TITLE: Triumph of Soviet Parachutists (Triumf Sovetskikh Parashuytistov)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 10, pp 2-4 (USSR)

ABSTRACT: Four photographs show the winners in the fourth World Parachute Championship Competitions held in August [1958] at Bratislava, Czechoslovakia. A total of 79 men and women from 14 countries participated in the competitions which resulted in victory for the Soviet parachutists, P. Ostrovskiy and Nadezhda Pryakhina, who were proclaimed absolute world champions. The Soviet male team included Masters of Sports P. Ostrovskiy, N. Anikeyev, V. Zuyev, M. Dmitrov, Yuriy Feklin, K. Lushnikov, the trainer V. Maryutkin and pilot G. Martynenko. The Soviet womens' team consisted of Masters of Sports Nadezhda Pryakhina, Alla Skopinova, and L. Oliferova. Satellite personalities mentioned included Yaroslav Yeglicka, Gustav Koubek, Juraj Krivan (Czechoslovakia); A. Franke and A. Chmelarczyk (Poland); D. Gyulay, Sh. Casteli, L. Stanko (Hungary); K. Vodenicharov, A. Sharkov, A. Doinskiy, M. Velcheva, R. Kostova, K. Zakharov (Bulgaria); E. Popescu and Yelena B. Suchu (Rumania). There are 9 photographs.

Card 1/1

ZALUTSKIY, G.

Veteran of Soviet parachute jumping. Kryl.rod. 8 no.6:19 Je '57.
(MLRA 10:8)

(Belousov, Aleksei Aleksandrovich, 1893)
(Parachutists)

ZALUTSKIY, G.

Valia Rybalko, public instructor. Kryl.rod. 10 no.3:7 Mr '59. (MIRA 12:4)

(Parachutists) (Rybalko, Valia)

ZALUTSKIY, G.

AID - P-117

Subject : USSR/Aeronautics

Card : 1/1

Author : Zalutskiy, G.

Title : The Soviet Parachute Sport

Periodical : Kryl. Rod., 3, 8 - 11, Mr 1954

Abstract : Historical notes on the development of parachutism in USSR. Photos of 8 prominent Soviet parachutists and parachute designers.

Institution : None

Submitted : No date

ZALUTSKIY, G.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 569 - I
BOOK Call No.: AF 539217

Authors: GLEBOV, A., and ZALUTSKIY, G.
Full Title: CREATOR OF THE AVIATION PARACHUTE
Transliterated Title: Sozdatel' aviatsionnogo parashyuta

PUBLISHING DATA
Originating Agency: None
Publishing House: Publishing House of the DOSARM, All-Union Voluntary Society for the Promotion of the Army
Date: 1951 No. pp.: 84 No. of copies: 25,000
Editorial Staff
Editor: Kamnevaya, N. A.

PURPOSE: This is a popular booklet on the development of the parachute in Russia (up to 1950) and the work of the inventor Kotel'nikov, G. Ya. (1872-1944) whom the Soviets consider the creator of the first parachute. A number of names are mentioned. Diagrams, photos, etc.
No. of References: Some references are scattered in footnotes
Facilities: None

ZALUTSKIY, G. L. Docent

USSR/Medicine - Gonorrhea
Medicine - Penicillin

Jan/Feb 1948

"Experiments with Peroral Administration of Penicillin during Treatment of Gonorrheal Infections," Prof I. M. Froikominskiy, Director, Sec of Male Gonorrhea, Docent G. L. Zalutskiy, Sec of Male Gonorrhea, Central Skin Venereological Inst, Ministry of Public Health, USSR, 2½ pp

"Vest Vener i Dermat" No 1

Little has been said about peroral administration of penicillin for treatment of gonorrheal infections. Peroral administration is simple and does not cause secondary phenomena such as increased temperature, sores, or local infections. Author describes some details of peroral administration of penicillin. Director of Central Skin Venereological Institute is Docent Z. M. Gol'dzil'ber.

PA 41T77

ZALUTSKIY, G. V.

Izobretatel' aviatsionnogo parashiuta - G. E. Kotel'nikov. Pod red. M. P. Spirina. Moskva, Voen. izd-vo, 1949. 102 p., illus. (Nauchnopopuliarnaia biblioteka soldata i matrosa)

Title tr.: G. E. Kotel'nikov, inventor of the parachute.

TL750.Z3

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

BELOUSOV, Aleksey Aleksandrovich, master sporta; ZALUTSKIY, G.V., polkovnik, red.; KADER, Ya.M., red.izd-va; SLEPTSOVA, Ye.N., tekhn.red.

[Parachutes and parachute jumping] Parashiut i parashiutizm. Moskva, Voen. izd-vo M-va obor. SSSR, 1957. 180 p. (MIRA 11:5)
(Parachutists)

ZALUTSKIY, G.V.

85-58-3-5/26

AUTHOR: Zalutskiy, G.

TITLE: The Road to Mastery (Put' k masterstvu)

PERIODICAL: Kryl'ya rodiny, 1958, Nr. 3, pp. 4-5 (USSR)

ABSTRACT: The author presents a biographical sketch of the career of Nadezhda Pryakhina, 29, woman parachutist, Master of Sports and holder of seven All-Union and world records.

AVAILABLE: Library Congress

Card 1/1

ZALUTSKII, O.V.

Vydaiushchiesia russkie letchiki (Outstanding Russian fliers). Moskva, Voen. izd-vo, 1953. 112 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

ZAIUTSKIY, G.V.

[Outstanding Russian flyers. M.Efimov, P.Nesterov, E.Kruten', K.Artseulov] Vydaiushchiesia russkie letchiki. M.Efimov, P.Nesterov, E.Kruten', K.Artseulov. Moskva, Voennoe izd-vo, 1953. 111,[1] p. (MIRA 8:4)
(Air pilots)

ZALUTSKIY, G. V.

Izobretatel' aviatsionnogo parashyuta G. Ye. Kotel'nikov (Inventor of the aviation parachute G. Ye. Kotel'nikov) Izd. 2 dopol i perer. Moskva, MO, 1953. 126 p. illus., diagrs., ports., tables.

SO: N/5
743.194
.Z2
1953

GLEBOV, A.; ZALUTSKIY, G.; KAMNEVA, N.A., master parashyutnogo sporta, redaktor; RUSHKOVSKIY, N., tekhnicheskiy redaktor.

[Inventor of the parachute] Sozdatel' aviatsionnogo parashiuta. Pod red. N.A.Kamnevoi. Moskva, Izd-vo Dosarm, 1951. 82 p.[Microfilm] (MLRA 7:12)

(Kotel'nikov, Gleb Evgen'evich, 1872-1944) (Parachutes)

ZALUTSKIY, G.V., polkovnik; KADER, Ya.M., redaktor

[G.E.Kotel'nikov, inventor of the parachute] Izobretatel' aviatsionnogo parashiuta G.E.Kotel'nikov. Izd. 2-e, dop. i perer. Moskva, Voennoe izd-vo Ministerstva oborony Soiuza SSR, 1953. 126 p. (MLRA 7:9)
(Kotel'nikov, Gleb Evgen'evich, 1872-1944)

ZALUTSKIY, G. V.

Inventor of the Aviation Parachute G. E. Kotelnikov (Izobretatel Aviatsionnovo Parashyuta G. E. Kotelnikov), 1953

XXVIII - 4

ZALUTSKIY, Georgiy Vladimirovich; BAD'IN, Pavel Grigor'yevich; GODINER, F.Ye., red.; FAYNSHMIDT, F.Ya., tekhn.red.

[Nadezhda Priakhina, world champion] Chempionka mira Nadezhda Priakhina. Moskva, Izd-vo DOSAAF, 1960. 45 p. (MIRA 13:7)
(Priakhina, Nadezhda) (Parachuting)

KRIPYAKEVICH, P.I. [Kryp'iakevych, P.I.]; GLADYSHEVSKIY, Ye.I. [Hladyshevs'kyi, IE.I.]; ZALUTSKIY, I.I. [Zaluts'kyi, I.I.] pri uchastii studentok; YEVDOKIMENKO, V.I. [IEvdokymenko, V.I.]; BORUSEVICH, L.K. [Borusevych, L.K.]

Crystal structure of the compounds $ZrNi_4$, ZrMnNi, and $ZrV_{0.5}Ni_{1.5}$. Nauk.zap.L'viv.un. 46:118-123 '58. (MIRA 12:7)
(Systems (Chemistry))

L 18097-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD/JG
ACCESSION NR: AP3004096 S/0070/63/008/004/0595/0599

66
61

AUTHORS: Kripyakevich, P. I.; Gladyshevskiy, Ye. I.; Zarechnyuk, O. S.; Yevdokimenko, V. I.; Zalutskiy, I. I.; Frankevich, D. P.

TITLE: Some patterns in the crystal chemistry of intermetallic compounds of rare-earth metals

27 14 18

SOURCE: Kristallografiya, v. 8, no. 4, 1963, 595-599

TOPIC TAGS: crystal chemistry, rare earth , morphotropic series, isostructural series, lattice, atomic number

ABSTRACT: The authors have used data from the literature as well as their own experimental work to study the intermetallic compounds of rare-earth metals. The aspects studied include isostructure, morphotropy, dependence of lattice constants on atomic number, and the formation of tertiary compounds. In view of inadequate data on isostructural compounds, the exact character of such series cannot be predicted, but it is thought unlikely that complete isostructural series will be found for the rare earths (i.e., series including all the rare earths). The compounds will most probably form a morphotropic series of identical compositions

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L 18097-63
ACCESSION NR: AP3004096

or a morphotropic series of varying compositions. In most morphotropic series, beginning with some particular rare earth, a certain structural type gives way to another, as occurs at the boundary between the cerium and yttrium groups. Such series are commonly polymorphous. Successive changes in atomic number lead in some series to changes in both composition and structure. The atomic radius, which does not change consistently with increase in atomic number, is an effective characteristic in determining isostructural and morphotropic series. Compounds of certain structural types that are absent in double systems may show up in tertiary or quaternary systems. An example is the existence of compounds of Th_2Zn_{17} and $ThMn_{12}$ in the system Ce-Mn-Al, although they are absent in the system Ce-Mn. They exist in the related double systems Ce-Fe and Th-Mn. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: L'vovskiy gosudarstvennyy universitet im. I. Franko (L'vov State University)

SUBMITTED: 14Mar63 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: PH NO REF SOV: 014 OTHER: 007

Card 2/2

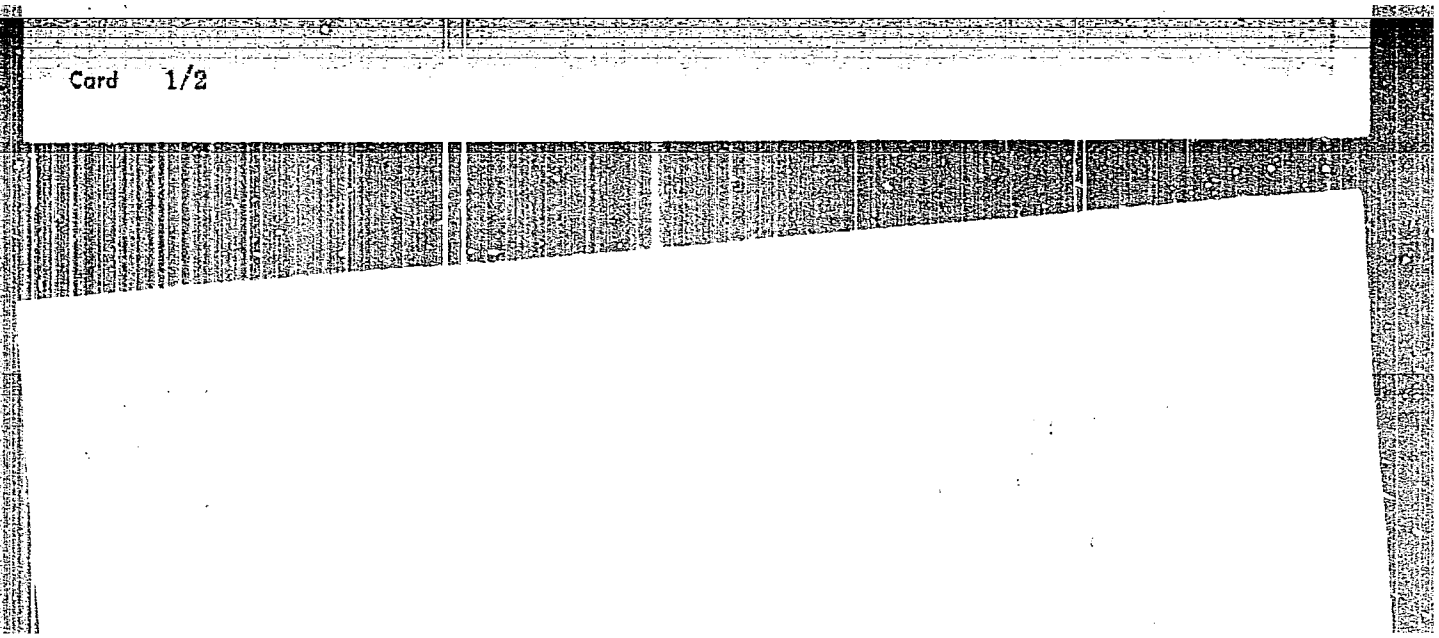
JD/JG/MLK

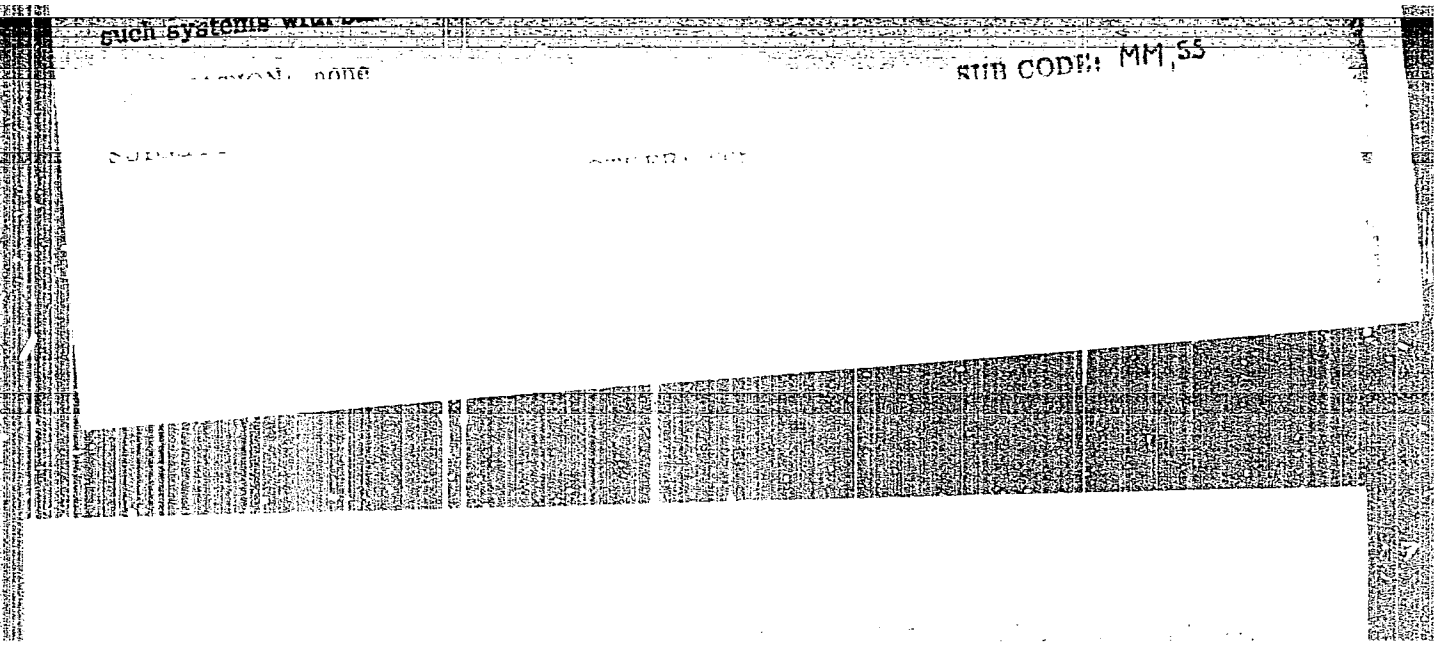
ACCESSION NR: AT4048704 S/0000/64/000/000/0144/0145

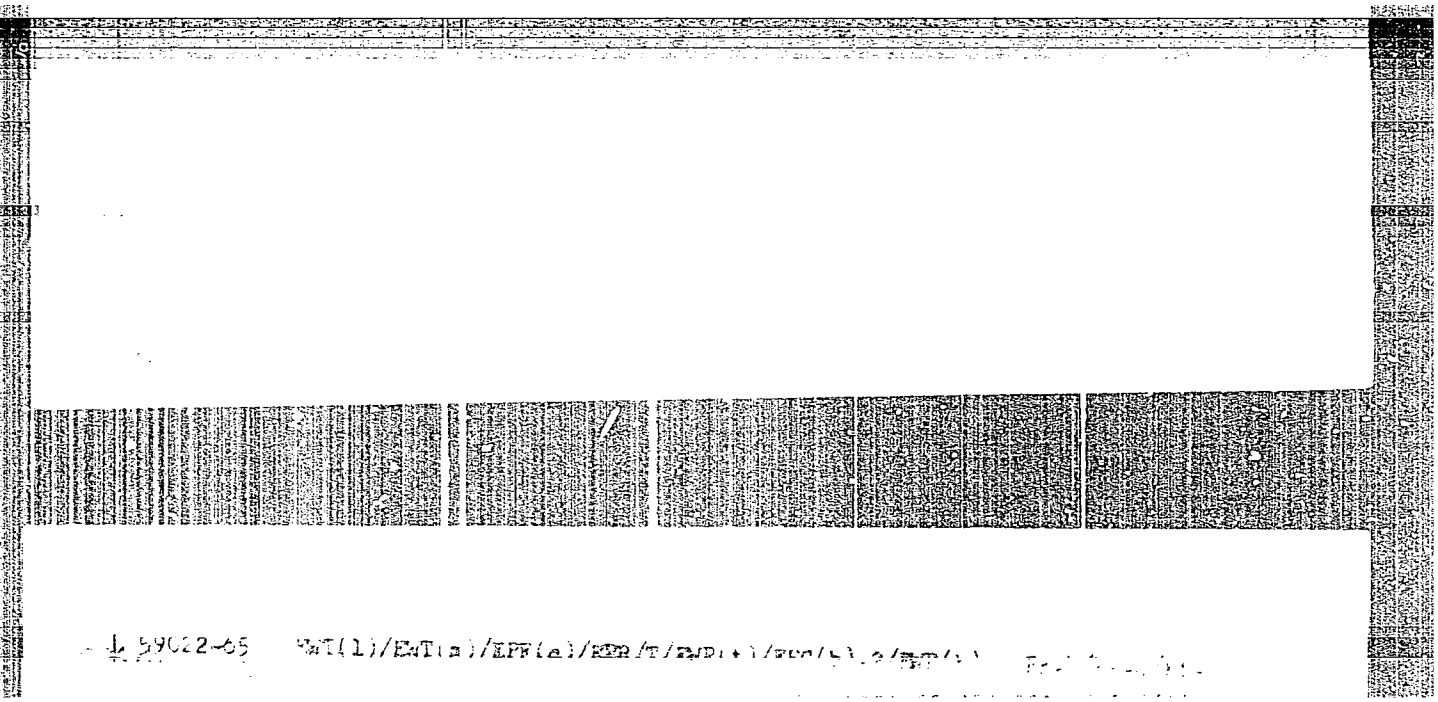
AUTHOR: Kripyakevich, P.I.; Zalutskiy, I.I.

TITLE: Compounds of rare earth metals with aluminum and their crystal structures

ing temperature







AUTHOR: Zaluts'kyy, I.I. (Zalutskiy, I.I.); Kryp"yakevych, P.I. (Kripyakevich, P.I.)

[illegible] structure

[illegible] europium alloys

[illegible] tion analysis

ABSTRACT: This is a first attempt to investigate aluminum-europium alloys on the [illegible] is having an $MgCu_2$ [illegible] aluminum atmosphere. The [illegible] The alloys were [illegible] and then quenched from this [illegible] analyzed by powder x-ray diffraction [illegible] A new compound, $EuAl_4$, was [illegible] equilibrium with Eu_2Al_5 and Al. Thus the Eu-Al system resembles systems of alkaline earth metals with aluminum. This resemblance occurs because the atomic [illegible] of the alkaline earth metals. The structure of $EuAl_4$ is [illegible]

L 59022-65

ACC.NR: AP5019832

a = 0.39610.003 A, c = ... 2.54. Orig. art.

has: ...

... derzhavnyy universytet (L'vov State University)

SUB CODE: MM

ZALUTSKIY, I.I. [Zaluts'kyi, I.I.]; KRIPYAKEVICH, P.I. [Kryp'iakevich, P.I.]

The $EuAl_4$ compound and its crystal structure. Dop. AN URSR no.5: 597-599 '65. (MIRA 18:5)

1. L'vovskiy gosudarstvennyy universitet.

ZALUTSKIY, Leonid Vasil'yevich.

Science

Introduction to the theory of ampere-weights. Leningrad, Leningradskoe gaztno-zhurnal'noe i knizhnoe izd-vo, 1945.

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

ZALUTSKIY, L. YE.

"Gonoblenorrhea Treatment with Sulfidine and Sulfidine Resistant Gonoblenorrhea Treatment with Penicillin," Summary of Rivkina, Ye. O., Sovetskiy Vrachebnyy Sbornik, No. 1, 1947, Vest. Venerol. i Dermatol., No. 1, 1949.

ZALUTSKIY, L. YE.

"Experimental Treatment Gonorrhea with Penicillin in Mean," Summary of Khokhutkin, I. I., Voenno-Meditsynskiy Zhur., No. 10, 1947, Vest. Venerol. i Dermatol., No. 1, 1949.

ZALUTSKIY, M.

Brotherly cooperation. Sov. profsoiuzy 7 no.14:47-51 Jl '59.
(MIRA 12:10)

(Russia--Foreign economic relations)

KLIMOV, Yu.M.; CHIKIN, V.V.; ANISIMOV, N.I.; BARSKOV, I.M.; VINOGRADOV, Yu.V.; GAVRILOV, A.N.; GAUKHMAN, L.A.; GOLOV, A.P.; GOL'DMAN, L.S.; GREBENNIKOV, G.I.; YEFIMOV, A.N.; ZALUTSKIY, M.S.; ZAYTSEVA, A.V.; OIYRYSH, A.I.; KANDARITSKIY, V.S.; KAPRANOV, I.A.; KOVALEV, N.I.; KOVALEVSKIY, K.A.; KOLOSOV, A.F.; KRIVOV, A.S.; KRYLOV, R.M.; LEVITAS, A.G.; MALYGIN, M.A.; MORALEVICH, Yu.A.; MOTYLEV, A.S.; NESTEROV, M.V.; NIKOL'SKIY, A.V.; ORLOV, G.M.; ORLOV, Ya.L.; PARENSKIY, V.M.; POLYAKOV, A.S.; RUBIN, V.I.; SVANIDZE, K.N.; STRIGIN, I.A.; TAKOYEV, K.F.; TRUBNIKOV, S.V.; CHERNYSHEVA, L.N.; CHESNOKOV, N.Ye.; SHAMBERG, V.M.; STRUMILIN, S.G., akademik, red.; ANTOSENKOVA, L., red.; MIKAELYAN, E., red.; MUKHIN, Yu., tekhn.red.

[Dictionary of the seven-year plan from A to Z] Slovar' semiletki ot A do IA. Moskva, Gos.izd-vo polit.lit-ry, 1960. 397 p. (MIRA 13:7)

(Russia--Economic policy)

ZALUTSKIY, V.V.

Relict dikes and pseudodikes in certain areas of Transbaikalia. Geol. i geofiz. no.2:124-129 '61. (MIRA 14:5)

1. Politekhnicheskiy institut, Irkutsk.
(Transbaikalia—Dikes (Geology))

ZALUTSKIY, V. V., Candidate Geolog-Mineralog Sci (diss) -- "The geology of the Kushenga lead-tungsten deposit and the genesis of the surrounding granitoids (Central Transbaykalia)". Irkutsk, 1958. 24 pp (Min Higher Educ USSR, Irkutsk Mining and Metallurgical Inst, Chair of Useful Minerals and Petrography), 150 copies (KL, No 22, 1959, 110)

ZALUTSKIY, V.V.

Lamprophyres of the central part of the Lena gold-bearing region.
Geol.i geofiz. no.5:44-55 '62. (MIRA 15:8)

1. Irkutskiy politekhnicheskiy institut.
(Lena Valley--Lamprophyres)

ZALUZHNAYA, M.S.

Compound specific treatment of diphtheria in vaccinated children. Pediatriia 42 no.8:46-49 Ag '63 (MIRA 17:4)

1. Iz kafedry detskikh infektsiy (zav. - prof. N.P.Kudryavtseva) Kazanskogo meditsinskogo instituta.

ZALUZHNAYA, M.S.

Effect of specific therapy on the phagocytic activity of leucocytes in diphtheria. Kaz.med. zhur. 4:44-48 Jl-Ag'63 (MIRA 17:2)

1. Kafedra detskikh infektsiy (zav. - prof. N.P.Kudryavtseva) Kazanskogo meditsinskogo instituta i 1-ya infektsionnaya gorodskaya bol'nitsa imeni Prof. A.F. Agafonova (glavnyy vrach D.P.Petrov).

1. ZALUZHNYI, V.

2. USSR (600)

4. Labor Productivity

7. The most important task. Mol. komm. 11, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

L 00819-67 EWP(e)/EWT(m) WW/WH

ACC NR: AT6023739 SOURCE CODE: UR/2755/66/000/005/0099/0104

AUTHOR: Yevstyukhin, A. I. (Doctor of technical sciences); Fedorov, G. B.; Solov'yov, G. I.; Smirnov, Yo. A.; Zhomov, F. I.; Zaluzhnyy, A. G.

ORG: none

TITLE: Study of the structural diagram of uranium carbide-tungsten alloys, and the diffusion of uranium from its monocarbide into tungsten

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Metallurgiya i metallovedeniye chistykh metallov, no. 5, 1966, 99-104

TOPIC TAGS: metal diffusion, uranium compound, tungsten metal

ABSTRACT: In the present article the structural diagram of uranium carbide-tungsten alloys was studied by determination of the temperature of the start of melting of the alloys, and by X ray and metallographic analyses. The alloys were prepared by briquetting uranium carbide and tungsten powders at a pressure of about 5×10^3 kg/cm, with subsequent sintering in a furnace with a graphite heater at 2000°C and a pressure of 1×10^{-4} mm Hg, and then melting in a Type MIFE-9-3 arc furnace. Starting materials were technical grade uranium with a purity of 99.87 wt%, and spectroscopically pure graphite in the form of rods 5 mm in diameter. A table shows the compositions of the starting alloys. The tungsten content varied from 1 to

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