1. D. N. OZNOBKIN

2. USSR (600)

4. Apple

7. Some problems in raising graft stocks. sad i og. no. 12. 1952.

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

OZOG, Mieczyslaw

Selected problems of designing aerial large-diameter gas pipelines. Problemy proj hut maszyn 12 no.8:244-252 Ag '64.

1. Biprostal, Krakow.

BRAUZE, Zenon; OZOG, Roman

Standardization of gas and liquid flowmeters by the calorimetric method. Przem chem 39 no.11:678-682 '60.

1. Zakladowe Laboratorium Badawcze przy Poznanskich Zakladach Nawozow Fosforowych, Lubon k. Poznania

OZOGAN, Ludovit, ing.

What the Law On Industrial Safety and Health Protection of Workers brings to the welders. Zvaranie 10 no.12:373-375 D '61.

1. Vyskumny ustav zvaracsky, Bratislava.

OZOGAN, Ludovit, inz.

Plan of welders' education in the Welding Research Institute in Bratislava in 1964. Zvaranie 13 no. 1:29-30 Ja '64.

OZOGAN, L.

Institute of Welding Engineering, p. 283, ZVARANIE, (Ministerstvo hutneho priumyslu a rudnych bani a Ministerstvo strojarstvo) Baratislave, Vol. 3, No. 8/9, Sept. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

PYKOSZ, Tadeusz; OZOG-KOCZOROWSKA, Halina

Remote results of tonsillectomy. Polski tygod. lek. 10 no.36: 1174-1176 5 Sept 55.

1. Z Oddzialu Laryngologicznego Miejskiego Szpitala im. G. Narutowicza w Krakowie; Ordynator dr. med. Tadeusz Pykosz.
(TONSILS, surgery, postop. compl.)

OZOLIN, A.K., inzh.; SHIROKOV, V.N., mashinist-instruktor

Answers to readers' questions. Elek. i tepl.tiaga 2 no.4:44-45 Ap '58.
(MIRA 12:3)

1. Depo Likhobory Moskovsko-Okruzhnoy dorogi (for Shirokov).
(Locomotives)

OZOL, A. [Ozols, A.]

Institutes of the Department of Biological Sciences awaiting the December Plenum of the Central Committee of the Communist Party of the Soviet Union. Vestis Latv ak no.11:5-10 '59. (EEAI 9:11)
(Academy of Sciences of the Latvian S.S.R.)
(Latvia--Biology)
(Russia--Communist Party)

OZOL,A. [Ozols,A.]

Teaching of C.Darwin and development of biological science. Vestis Latv ak no.12:107-115 '59. (EEAI 9:11)
(Darwin, Charles Robert)
(Biology)

OZOL, A.

Progress of biological studies at the Academy of Sciences of the Latvian S.S.R. Vestis Latv ak no.7:129-130 '61.

(Latvia--Biological research)

OZOL, A. [Ozols, A.]

Utilization of hybridization for obtaining heterosis forms of arboreal plants. Vestis Latv ak SSR no.8:75-80 '62.

OZOL, A. [Ozols, A.]

Assistance of the institutes of the Academy of Sciences of the Latvian S.S.R. to agriculture. Vestis Latv ak no.7:1-8 '62.

OZOL, A. [Ozols, A.]

Development of biological science in Soviet Latvia. In Russian.
Vestis Latv ak no.7:63-75 '60. (EEAI 10:7)
(Latvia--Biology)

OZOL, A. [Ozols,K.]

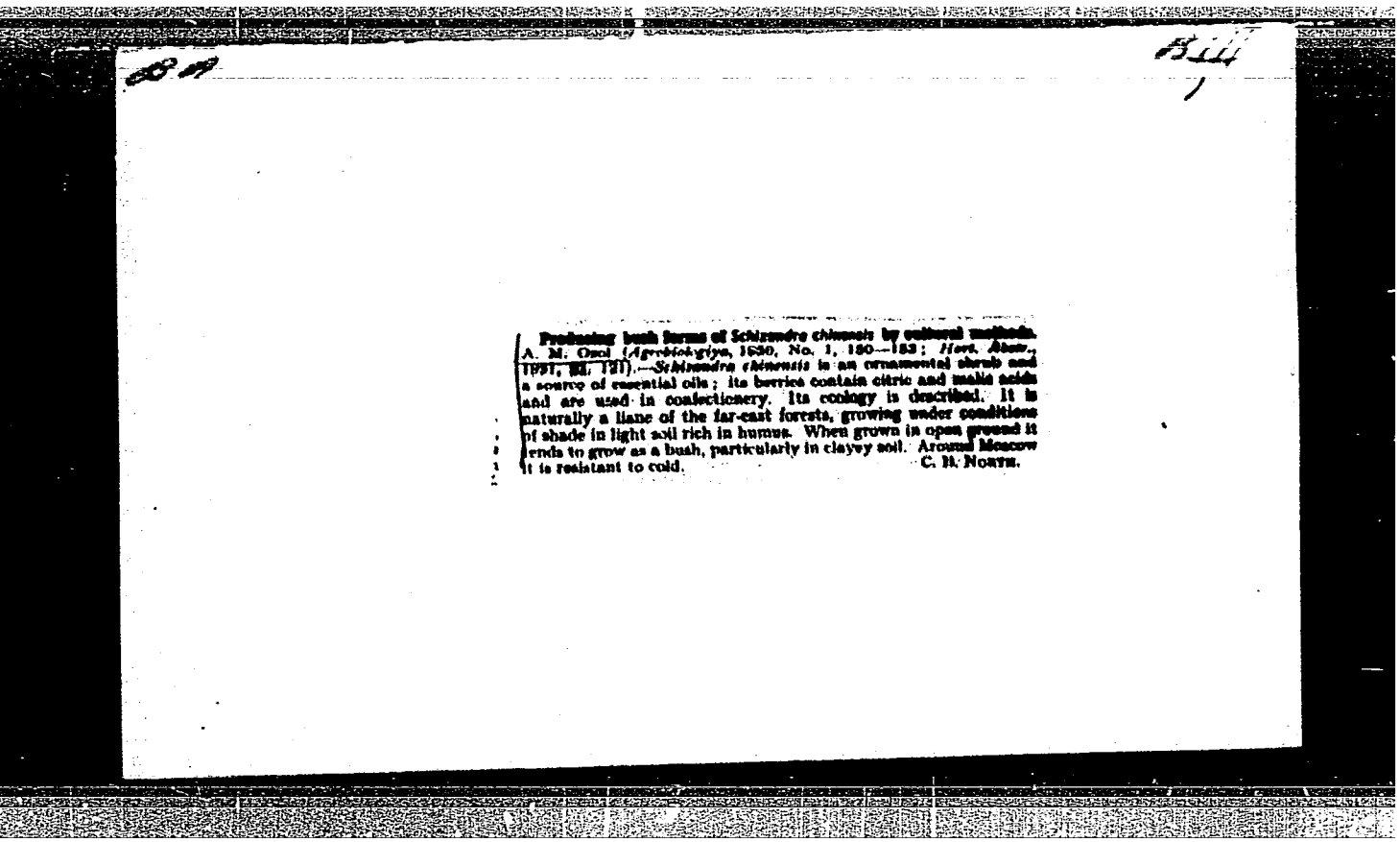
Decisions of the December 1959 Plenum of the Central Committee of the Communist Party of the Soviet Union and the tasks of the biological institutes of the Academy of Sciences of the Latvian SSR. In Russian. Vestis Latv ak no.3:5-9 '60 (EEAI 10:7)
(Russia--Communist Party) (Academy of Sciences of the Latvian SSR)
(Latvia--Biology)

OZOL, A. M.

"Hardiness of Walnuts and Other Nuts during Winter," Dok. AN, 66, No. 1, 1949.

Mbr. Timber Inst. Dept. Biol Sci., Acad. Sci., -c1949-.

Agricultural Science.



Producing bush forms of Schizandra chinensis by cultural methods. A. M. Orol (*Agrobiologiya*, 1930, No. 1, 180—183; *Hort. Abstr.*, 1931, **II**, 121).—*Schizandra chinensis* is an ornamental shrub and a source of essential oils; its berries contain citric and malic acids and are used in confectionery. Its ecology is described. It is naturally a liane of the far-east forests, growing under conditions of shade in light soil rich in humus. When grown in open ground it tends to grow as a bush, particularly in clayey soil. Around Moscow it is resistant to cold. C. H. Nouns.

OZOL, A. M.

Seedlings

Selection of primary seeds and a method for growing seedlings. Trudy Inst. lesa 8 '51

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

OZOL, A. M.

"Transformation and Adaptation of the Walnut to New Living Conditions." (p. 34)
by Ozol, A. M.

SO: Journal of General Biology XII (Zhurnal Obshchei Biologii) Vol. 12, No.1, 1951.

1. ZARUBIN, A. F.: OZOL, A. M.

2. USSR (600)

4. Tree Planting

7. Effect of conditions of growth changes in hybrid nut seedings. Dokl. AN SSSR 87 no. 2, 1952.

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

TSINOVSKIY, Ya.P.; OZOL, A.M., redaktor; TARANOVA, Ye.A., kandidat sel'skokhozyaystvennykh nauk; OSTROUMOV, N.A., kandidat biologicheskikh nauk; LUS, Ya.Ya., professor; OZOL, E.Ya., kandidat sel'skokhozyaystvennykh nauk; EGLITIS, V.K., kandidat sel'skokhozyaystvennykh nauk; VENGRANOVICH, A., redaktor; SHMIT, I., tekhnicheskiy redaktor.

[Insects of Latvia; horntails and sawflies] Nasekomye Latviiskoi SSR; rogokhvosty i polil'shchiki. Riga, Izd-vo Akademii nauk Latviiskoi SSR, 1953. 208 p. (MLRA 7:11)

1. Deystvitel'nyy chlen Akademii nauk Latviyskoy SSR (for Ozol)
(Latvia--Hymenoptera) (Hymenoptera--Latvia) (Sawflies)

OZOL, A.M.; LAZAREVA, A.A.

The state of cells od tissues of sprouts during winter rest and the winter-resistance of nuts. Doklady Akad. Nauk S.S.S.R. 89, 1111-14 '53. (MLRA 6:4)
(CA 47 no.19:10067 '53)

Name: OZOL, Al'fred Martynovich

Dissertation: Ways and Means of Adapting Walnuts to the New Conditions of their Cultivation in the Moscow Area

Degree: Doc Biol Sci

Affiliation: Inst of Biology Acad Sci LaSSR

Defense Date, Place: 12 Jan 56, Council of the Inst of Forestry, Acad Sci USSR

Certification Date: 28 Apr 56

Source: BMVO 4/57

OZOL, A.M.

A-3

USSR/General Division - Scientific Institutions.

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 72.

Author : A.M. Ozol
Inst : Institute of Biology of the Academy of Sciences Latvian SSR.

Title : Institute of Biology.

Orig Pub : V kn.: 10 let raboty AN Latr SSR (1946-1956), Riga, Izd-vo AN Latv SSR, 1956, 162-177.

Abst : The Institute of Biology of the Academy of Sciences Latvian SSR was founded in 1951. Work is being conducted in the following fields: zoology and parazitology with laboratories of ornithology and parazitology; hydrobiology and reservoirs; botany and gardening. Research workers in zoology have been studying the fauna of the republic, different pests which attack vegetation, methods of attracting useful birds, the distribution of human and farm animal helminths, and so forth.

Card 1/2

OZOL, A.M. [Ozols, A.]; KHOR'KOV, Ye.I.; KUL'TIASOV, M.V., red.; DYMARSKAYA, O., red.; INKIS, R., tekhn. red.

[Walnut, its introduction and acclimatization] Gretskii orekh, ego introduktsiia i akklimatizatsiia. Pod red. M.V.Kul'tiasova. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1958. 302 p. (MIRA 14:10)
(Walnut) (Plant introduction) (Acclimatization (Plants))

OZOL,A.M.[Ozols,A.], akademik, otv. red.; GUBAR',G.D.[Gubar,G.], kand. sel'khoz. nauk, red.; PETERSON, E.K.[Petersons, E.], kand. sel'khoz. nauk, red.; SHUL'TS, I., red.

[Photosynthesis and the productivity of plants] Fotosintez i produktivnost' rastenii. Riga, Izd-vo "Zinatne," 1965. 112 p. (MIRA 18:6)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademija. Biologijas instituts. 2. AN Latviyskoy SSR (for Ozol).

OZOL, A.S.

Dynamics of the phagocytic function of leucocytes in the blood of patients with neoplastic diseases using fractionated and continuous methods of radiotherapy. Nauch. trudy Kaz. gos. med. inst. 14:509-510 '64. (MIRA 18:9)

1. Kafedra rentgenoradiologii (zav. - prof. M.I.Gol'dshteyn) Kazanskogo meditsinskogo instituta.

OZOL, A.S.

Dynamics of the phagocytic reaction of the granulocyte function in the various methods of radiation therapy. Med. rad. 5 no.4:19-23 Ap '60. (MIRA 13:12)

(RADIOTHERAPY) (PHAGOCYTOSIS)

OZOLS, A., Cand Agr Sci -- (diss) "Effect of fertilizers on increas-
the protein content and fodder units in harvesting of grasses from
cultivated pastures." Riga, 1960. 28 pp; (State Committee of Higher and
Specialist Secondary Education of the Council of Ministers Latvian SSR,
Latvian Agricultural Academy); number of copies not given; price not
given; (KL, 17-60, 164)

YEMEL'YANOV, V.I.; IVANCHENKO, V.A.; OZOL, A.Ya.

High-voltage power rectifier with a nonsectionalized anode unit. Izv. NIIPT no.6:112-120 '60. (MIRA 14:7)
(Electric current rectifiers)
(Electric power distribution)

31835
S/194/61/000/010/055/082
D256/D301

9,2150

AUTHORS: Yemel'yanov, V.I., Ivanchenko, V.A. and Ozol, A.Ya.

TITLE: High-power high-voltage rectifier tube (with a non-sectioned anode-bloc)

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 10, 1961, 31, abstract 10 G212 (Izv. N.-in. in-ta postoyan. toka, 1960, sb. 6, 112-120)

TEXT: Difficulties are encountered when attempts are made to increase at high currents the working voltage of a high-tension rectifier tube owing to ionic currents distorting the voltage distribution. The losses in the tube complicate the cooling system and increase the costs. A high voltage tube BPH-900/100 (VRN-900/100)-type was constructed using a non-section anode-bloc with a cylindrical anode inlet, the cathode with a cooling screen being placed non-symmetrically in the body of the tube. The tube is of a comparatively small size and it consists of a small number of com-

Card 1/2

TEREGULOV, I.Kh.; OZOL, B.; TAMASHAS, R.; BANDIN, M.

Brief news. Torf. prom. 39 no.7:37-40 '62. (MIRA 16:8)

(Peat industry)

OZOL, E.A. (Kazan')

Differentiation of auricular flutter from auricular fibrillation. Klin.med. 34 no.5:69-73 My '56. (MLRA 9:10)

1. Iz Terapevticheskoy kliniki (zav. - prof. L.M.Rakhlin) Kazanskogo instituta usovershenstvovaniya vrachey imeni V.I.Lenina

(AURICULAR FLUTTER, differential diagnosis,
auric. fibril. (Rus))
(AURICULAR FIBRILIATION, differential diagnosis,
auric. fluuter (Rus))

OZOL, E.YA.

TSINOVSKIY, Ya.P.; OZOL, A.M., redaktor; TARANOVA, Ye.A., kandidat sel'skokhozyaystvennykh nauk; OSTROUMOV, N.A., kandidat biologicheskikh nauk; LUS, Ya.Ya., professor; OZOL, E.Ya., kandidat sel'skokhozyaystvennykh nauk; EGLITIS, V.K., kandidat sel'skokhozyaystvennykh nauk; VENGRANOVICH, A., redaktor; SHMIT, I., tekhnicheskiy redaktor.

[Insects of Latvia; horntails and sawflies] Nasekomye Latviiskoi SSR; rogokhvosty i polil'shchiki. Riga, Izd-vo Akademii nauk Latviiskoi SSR, 1953. 208 p. (MLRA 7:11)

1. Deystvitel'nyy chlen Akademii nauk Latviyskoy SSR (for Ozol) (Latvia--Hymenoptera) (Hymenoptera--Latvia) (Sawflies)

TSINOVSKIY, Ya.P. [Cinovskis, J.], doktor biol. nauk, otv. red.; OZOL, E.Ya.[Ozols, E.], prof., red.; RUPAYS, A.A.[Rupais,A.], kand. sel'khoz. nauk, red.; ZHERBELE, I.Ya.[Zerbele, I.], st. nauchn. sotr., red.; SHUL'TS, I.[Sults, I.], red.

[Forecasting in the protection of plants against diseases and pests] Prognoz v zashchite rastenii ot vreditelei i boleznei. Riga, Izd-vo AN Latv.SSR, 1964. 269 p. (MIRA 17:8)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademija. Biologijas instituts. 2. Botanicheskiy sad AN Latviyskoy SSR (for Rupays). 3. Institut biologii AN Latviyskoy SSR (for TSinovskiy). 4. Latviyskaya sel'skokhozyaystvennaya akademiya (for Ozols).

BELYUKAS, K.K.[Bieliukas, K.], akademik, red.; ZHELNIN, G.A., red.; GUDELIS, V.K., red.; LESIS, I.P.[Liesis, J.], red.; MAAZIK, V.Ya.[Maasik, V.], red.: OZOL, L.P. [Ozols,L.], red.; ORVIKU, K.V., red.; RAZHINSKAS, A.K. [Razinskas, A.], red.; SPRINGIS, K.Ya., red.

[Recent and latest crustal movements in the Baltic region; materials of the Interrepublic Conference on the Problems of Recent Tectonic Movements in the Baltic Region for the 2d International Symposium on the Study of Recent Crustal Movements, Helsinki, 1965] Sovremennye i noveishie dvizheniia zemnoi kory v Pribaltike; materialy... k II Mezhdunarodnomu simpoziumu po izucheniiu sovremennykh dvizhenii zemnoi kory, Khel'sinki, 1965. Pod red. V.K.Gudelisa. Vilnius, AN Litovskoi SSR, 1964. 139 p. (MIRA 18:1)

1. Mezhrespublikanskove soveshchaniye po voprosam neotektonicheskikh dvizheniy Pribaltiki. 3d, Vilna, 1962. 2. Akademiya nauk Litovskoy SSR (for Belyukas).

3(4)
AUTHORS: Shilin, B. A., Engineer, Ozol, L. P., Acting Docent

SOV/154-59-2-7/22

TITLE: On the Automatic Alidade KA-5-VTS (O kipregele - avtomate KA-5-VTS)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1959, Nr 2, pp 41-45 (USSR)

ABSTRACT: The deficiencies found in alidades used today are pointed out in the present paper. Also the alidade with the altimeter devised by G. Yu. Stodolkevich exhibits a number of major deficiencies which are likewise enumerated here. The collective of the enterprise took up the task of designing an automatic alidade maintaining all the advantages offered by the Stodolkevich alidade with altimeter, and without the deficiencies mentioned. The result of the works carried on over ten years was the small automatic alidade KA-5-VTS and it was found to be good. The construction characteristics of the instrument are given here. It combines all the main structural parts of a common alidade with vertical circle with those of an alidade with an altimeter attachment VKS-7. The vertical circle allows angles to be measured up to $\pm 30^{\circ}$,

Card 1/2

reading being made on a one-minute vernier. A computer of the friction type makes it possible to determine automatically the marks of the sighting points at any required distances and inclination angles up to $\pm$ 15°. The computer and the verticle circle work simultaneously, thus making it possible to check the work of the automatic counter at any time and, when necessary, to pass over to inclination angle measurements. The principal data of the alidade are given, followed by a description of the instrument. The new computer was tested in the laboratory and despite field-like conditions no wear was detected on the surface of the porcelain plate nor of the counter roller flange. The new instrument weighs only half the constructions hitherto used and may be employed with or without a distance plate. Experiments made have all been checked and have been found to be satisfactory by all field workers. There are 3 figures.

ASSOCIATION: Latviyskaya sel'skokhozyaystvennaya akademiya (Latvian Agricultural Academy)

OZOL, M. YA.

20010 OZOL, M. YA. Bardo-shlamovyy tuk i ego bliyaniye na urozhay sakharivoy svekly. Sakhar. prom-st', 1949, No. 6, s. 44-45.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

OZOL, M.Ya.

YARMOLINSKIY, M.B., kandidat tekhnicheskikh nauk; ZDANOVICH, I.L., ispolnyayushchiy obyazannosti starshego nauchnogo sotrudnika; OZOL, M.Ya., khimik-analitik.

Use of corrugated cardboard boxes for packing pressed sugar and its transportation by sea. Trudy TSINS no.4:148-162 '56. (MLRA 10:5)

1.Rafinadnaya laboratoriya.
(Boxes) (Sugar--Transportation)

OZOL, M. Ya.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Soils and Fertilizers

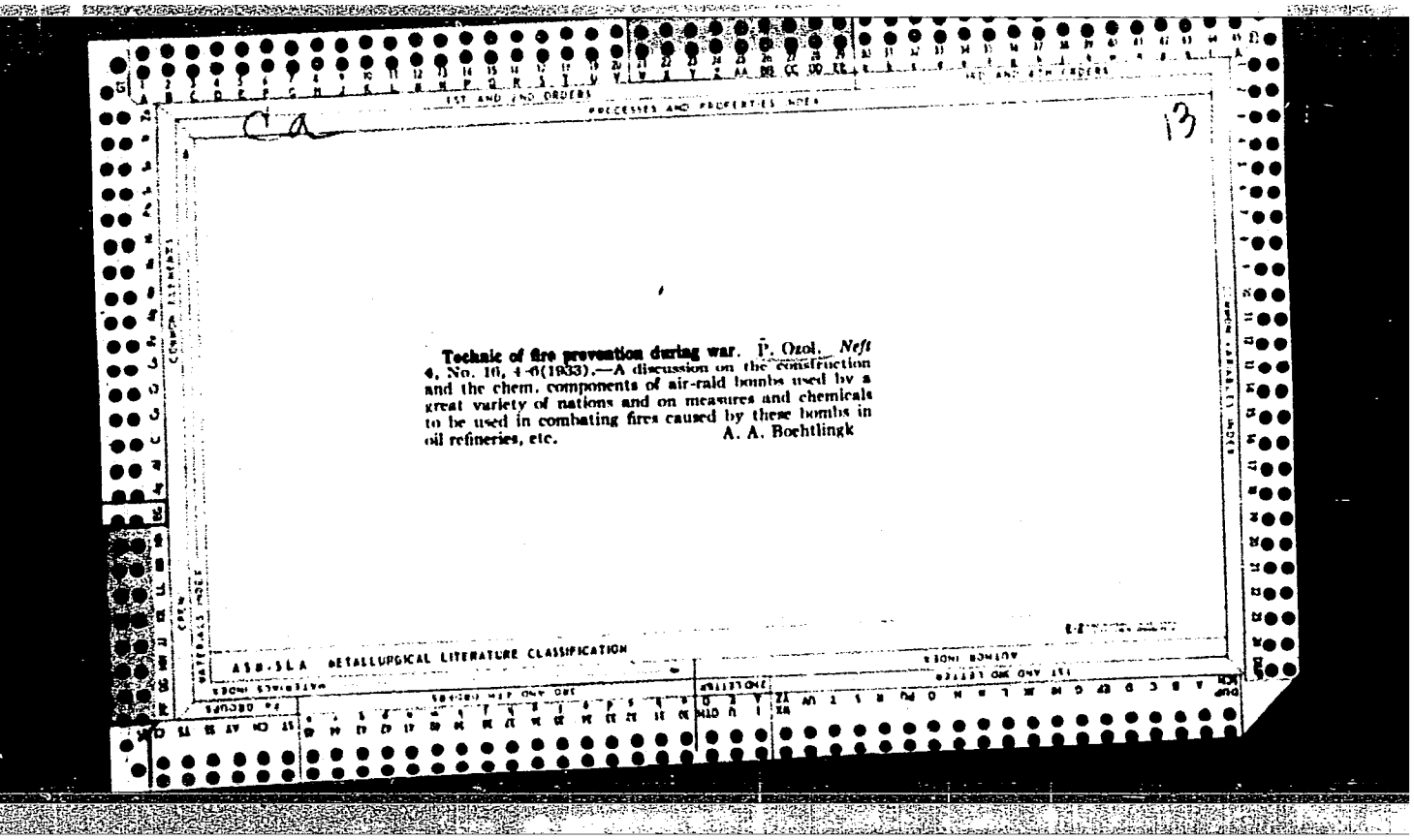
(2)

Vinasse-slime (beet sludge) fertilizer and its effect on the crop of sugar beets. A. I. Voitukov and M. Ya. Ozol. *Sakharnaya Prom.* 1949, No. 6, 44-5(1949).—Two fertilizer mixts. made from 65% and 83% filter-press cake (from a beet-sugar factory) and 35% and 17% vinasse are described. The press cake is dried to 5% moisture. Vinasse is concd. to 15% moisture. A dry 65-35 mixt. contains N 2.2, K_2O 4.7, P_2O_5 1, SO_3 2, and CaO 33.5%. The mixt. is highly recommended for soils which need K and lime. A. W. D.

OZOL, O.G. [Ozols, O.], kand. tekhn. nauk, dotsent

New structural formula for mechanisms. Izv. vys. ucheb. zav.; mashinostr. no.2:35-42 '63. (MIRA 16:8)

1. Latviyskaya sel'skokhozyaystvennaya akademiya.



Technic of fire prevention during war. P. Ozol. *Neft* 4, No. 10, 4-6(1933).—A discussion on the construction and the chem. components of air-raid bombs used by a great variety of nations and on measures and chemicals to be used in combating fires caused by these bombs in oil refineries, etc. A. A. Boehtlingk

AID P - 1315

Subject : USSR/Electricity

Card 1/1 Pub. 28 - 4/7

Author : Ozol, P. G.

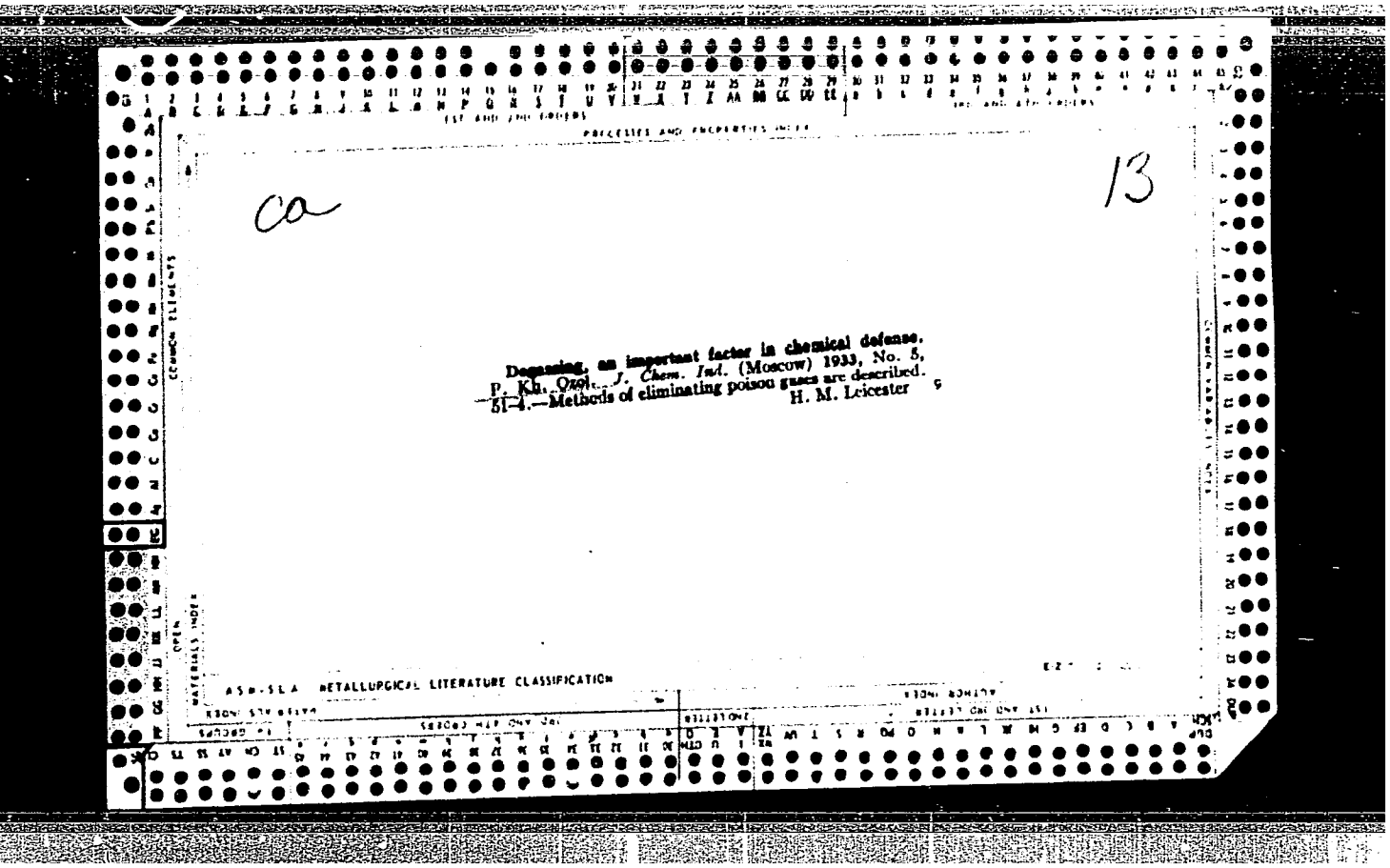
Title : Modification of minimum voltage protection and automatic electric control of 3 kv unit substations

Periodical : Energ. byul., #12, 13-18, D 1954

Abstract : Modification of a General Electric unit substation (6300/3150 volt and 2000 kw) is discussed and a new automatic circuit with improvement of minimum voltage protection and of existing controls is proposed. Various causes of irregularities in current consumption and in operation of the control apparatuses are reported for consideration in making further improvement.

Institution : None

Submitted : No date



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Degassing, an important factor in chemical defense.
P. Kh. Ozol'. *J. Chem. Ind.* (Moscow) 1933, No. 5,
51–4.—Methods of eliminating poison gases are described.
H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

OZOL, P.Zh.

Electrical control network of a gas crane with a pneumatic drive.
Gaz.prom. no.5:40-44 '63. (MIRA 16:6)
(Gas, Natural--Pipelines) (Electric networks)

OZOL, P.Zh., inzh.

Designing the electric system of gas pipeline compressor stations.
Stroi. pred. neft. prom. 3 no.6:6-9 Je '58. (MIRA 11:7)
(Electric circuits) (Gas, Natural--Pipelines)

OZOL, P.Zh., inzhener.

Chronograph for studying electric load graphs. Prom. energ. 12 no.7: 4-7 Jl '57. (MLRA 10:8)

(Chronograph)

OZOL, P.Zh.

Portable chronograph designed by the Union "Organization for Efficient Power and Petroleum Utilization" and its use in studying electric load graphs. Energ.biul. no.4:9-14 Ap '57. (MLRA 10:5)

(Chronograph)

AUTHOR: Ozol, P.Zh., Engineer. 104-4-31/40

TITLE: Reconstruction of double spring drive (for circuit breaker) of the Sachsenwerk works. (Rekonstruktsiya sdvoennogo pruzhinnogo privoda zavoda "saksenwerk")

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957, Vol. 28, No.4, pp. 85 - 87 (U.S.S.R.)

ABSTRACT: The small oil volume circuit breaker type ФС-600 manufactured by Sachsenwerk for use in outdoor 35 kV sub-stations with a.c. operating current is provided with a spring drive. The energy of a spring in tension is used to close the circuit breaker. Tension is applied to the spring by an alternating current motor and this can only be done when the circuit breaker is open so that it is not possible to arrange for automatic reclosure. In order to permit automatic reclosure the manufacturers produced a double drive consisting of two spring drives working on a single breaker. This is suitable for two closures of the circuit breaker but thereafter the springs cannot be recharged until the circuit breaker is open. A circuit was, therefore, devised to correct this defect with a minimum amount of reconstruction. A circuit diagram is given and its operation is described. The springs can now be charged with the circuit breaker in the closed position and

1/2

OZOL, P.Zh.

Switching and protection in networks of 3--6--10 kv in oil fields and refineries; concerning S.S. Iosifov's article. Energ.biul. no.1:17-19 Ja '57. (MLRA 10:1)
(Electric switchgear) (Petroleum industry--Electric equipment)

OZOL, P.Zh.

Universal tongs for electric measurements in secondary switching circuits. Energ.biul. no.6:12-15 Je '56. (MLRA 9:8)
(Electric measurements)

OZOL, P. Zh.

Experimental study of electric loads for oilfield operations.
Energ. biul. no. 3:24-28 Mr '56. (MLRA 9:7)
(Electric meters)

Ozol, P. Zh.

AID P - 2423

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 22/33

Author : Frantsuzov, E. M.

Title : On P. Zh. Ozol's article: "Automatic re-starting of electric motors"

Periodical : Elek sta 5, 54, My 1955

Abstract : The author criticizes an article published in No 6, 1954 issue of this journal on automatic reclosure and gives several suggestions. The article is accompanied by an answer by P. Zh. Ozol.

Institution: None

Submitted : No date

OZOL, P.Zh.

Reconstructing the minimum voltage protection and electric automation of a 3 KV substation installation. Energ.biul.no.12: 19-24 D '54. (MLRA 7:12)
(Electric substations)

OKOL, P.Zh.

Problem of automatically restarting an electric motor. Energ.biul. no.1:29-31 Ja '54. (MLRA 7:1)

(Electric motors--Starting devices)

OZOL, P.Zh.

Reconstruction of a twin spring drive. Energ.biul. no.6:26-30 Je '54.
(MLRA 7:6)

(Electric circuit breakers)

OZOL, P.Zh., inzhener.

Automatic resumption of operation of electric motors. Elek. sta. 25 no.6:31-32 Je '54. (MLRA 7:7)
(Electric motors)

1. OZOL, P. ZH.

2. USSR (600)

4. Compressors

7. Some problems of electric drive for compressors used in the petroleum industry. Energ.biul. no. 10, 1952

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

1. OZOL, P. Zh.

2. USSR (600)

4. Electric Lines

7. Protecting radial, non-reactive 6 Kv lines with current cut-off. Energ. biul. no. 11, 1952.

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

1. OZOL, P. Zh.

2. USSR (600)

4. Electric Driving

7. Some problems of electric drive for compressors used in the petroleum industry. Energ. biul. no. 10, 1952.

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

1. OZOL, P. Zh.; SERGEYEVA, L. P.

2. USSR (600)

4. Electric Relays

7. Relay protection of step-down transformers with current connection Y/Y0-12 from single phase short circuit at the low voltage of 380/ 220 volts, Enger. biul, No. 9, 1952.

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

ARKUS, G. M., CHOL, P. ZH.

Electric Motors - Starting Devices

Automatic start of electric motors with KEP apparatus. Energ. biul. No. 3, 1953.

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

OZOL, P.Zh.

Device for stabilizing the process of a continuous recharging of a starter-type storage battery. Energ.biul. no.9:16-20 S '53. (MLRA 6:8)
(Storage batteries)

1. OZOL, P.Zh.

2. USSR (600)

4. Compressors

7. Some problems of planning the relay protection and automatic control of compressor stations of the petroleum industry, Energ.biul. no. 5, 1953.

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

OMOL, P. Zh.

Electric Transformers

Calculation of maximal current protection for transformer providing electric motors with self-starter, Energ. biul. No. 2, 1953.

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

1. OZOL, P.Zh

2. USSR (600)

4. Electric Controllers

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CHULANOV, D.; OZOL, V.

Mig-15 in a circling flight. Kryl rod. 12 no.9:27-28 S '61.
(MIRA 14:9)

(Jet planes--Piloting)

CHULANOV, D.; OZOL, V.

Do not take a chance. Kryl.rod. 13 no.2:17 F '62. (MIRA 15:1)
(Meteorology in aeronautics)

CHULANOV, D.; CZOL, V.

Circling flight on a MiG-15. Kryl.rod. 12 no.8:18-19 Ag '61.
(MIRA 14:8)
(Flight training)

ACCESSION NR AM5003779 BOOK EXPLOITATION S

Ozol', Vladimir Lyudvigovich; Martsinchik, Frants Boleslavovich

Mechanization and automation of pipe plants (Mekhanizatsiya i avtomatizatsiya [illegible]) Moscow, [illegible]

Errata slip inserted. [illegible]

TOPIC TAGS: automation, pipe production, steel pipe, quality control, rolling mill, hot rolling, cold rolling, welding

PURPOSE AND COVERAGE: This book generalizes advanced experience in the mechanization and automation [illegible] finishing of steel pipe at domestic [illegible] plants. [illegible] mechanization, automation, special indicators of automation and automatic [illegible] control, and [illegible]

[illegible] intended for engineers and [illegible] and use of pipe-rolling equipment [illegible] institutes and technicums [illegible]

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SUBMITTED: 30Jul64 SUB CODE: MM, IE

NO REF SOV: 105 OTHER: 012

Card 3/3

Ozol' Vladimir Lyudvigovich

KATSNEL'SON, Moisey Yefimovich; OZOL', Vladimir Lyudvigovich; CHELYUSTKIN, Aleksandr Borisovich; FIBICH, V.V., redaktor; DOKUKINA, Ye.V., redaktor; EVENSON, I.M., tekhnicheskiy redaktor

[Automatization of tube rolling mills] Avtomatizatsiia truboprokatnykh stanov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 109 p. (MLRA 8:7)
(Rolling mills) (Pipe, Steel)

OZOL', V. L., inzh.

Advanced experience in the automation of pipe-rolling mills.
Biul. TSNIICHM no. 8:28-32 '58. (MIRA 11:7)
(Pipe)
(Rolling(Metalwork))
(Automatic control)

-(1);28(1) PHASE I BOOK EXPLOITATION SOV/2725

Ozol', Vladimir Lyudvigovich

Opyt avtomatizatsii truboprokatnoy ustanovki (Automation of a Pipe-rolling Mill) Khar'kov, Metallurgizdat, 1959. 79 p. Errata slip inserted. 2,250 copies printed.

Resp. Ed.: V. Ya. Ostrenko; Ed. of Publishing House: S. S. Liberman; Tech. Ed.: S. P. Andreyev.

PURPOSE: This book is intended for technicians working in the design, assembly, setting, and operation of pipe mills.

COVERAGE: The book deals with the automation of pipe mills. The work involved in automating the 140 rolling mill and the redesign of individual components and mechanisms are discussed. Industrial practices at the Seamless Tube Department, Dnepropetrovskiy truboprokatnyy zavod imeni Lenina (Dnepropetrovsk Pipe Mill imeni Lenin), are described. Automatic control schemes for individual mechanisms are presented. The author thanks Engineer M. G. Berdyanskiy for assistance in writing Chapters I and II, and V. Ya. Ostrenko, Candidate of Technical Sciences, for suggestions. There are 13 references, all Soviet.

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OZOL', V.L., inzh.

Progressive practices in the mechanization and the automatic control of pipe mills. Biul.TSIICHM no.9:16-25 '60. (MIRA 15:4)
(Pipe mills--Equipment and supplies) (Automatic control)

OZOL', V.L.

Electropneumatic distributor designed by the Lenin Plant. Biul. TSIICHM no.9:46-47 '60. (MIRA 15:4)

1. Zavod imeni Lenina.
(Pipe mills—Equipment and supplies)

OZOL', V.L.

Seminar of pipe industry workers. Met. i gornorud. prom. no.6: 75 N-D '64. (MIRA 18:3)

SAVKIN, P.V.; OZOL', V.L.

Increasing the output of the 140 pipe rolling mill and pipe drawing machines at the Lenin Plant. Met. i gornorud. prom. no.6:65-67 N-D '65. (MIRA 18:12)

OZOL, V.Ya., inzh.; ZUBROVICH, V.S., inzh.

Noncontact oleo-pneumatic transmitters. Mashinostroitel' no.9:30-31 S '57. (MLRA 10:9)

(Automatic control)

OZOL, Ya.[Ozols, J.]; VIMBA, S.; IYEVIN'SH, A.[Ievins, A.]

Structure of rubidium tetraphenylboron. Izv.AN Latv. SSR no.4: 93-94 '61. (MIRA 16:1)

1. Institut khimii AN Latviyskoy SSR.

(Rubidium compounds) (Boron organic compounds)

OZOL, Ya.[Ozols, J.]; VIMBA, S.; IYEVIN'SH, A.[Ievins, A.]

Structure of rubidium tetraphenylboranate. Kristallografiia 7 no.3:362-365 My-Je '62. (MIRA 16:1)

1. Institut khimii AN Latviyskoy SSR.

(Boron organic compounds)
(Rubidium compounds)

OZOL, Ya. [Ozols, J.]; VIMBA, S.; IYEVIN'SH, A. [Ievins, A.]

Structure of calcium monoborate $Ca[B(OH)_4]_2 \cdot 2H_2O$.
Kristallografiia 9 no.1:32-36 Ja-F '64. (MIRA 17:3)

1. Institut khimii AN LatvSSR.

OZOL, Ya. G., Cand Tech Sci -- (diss) "Study of traction resistance and determination of basic parameters of working organs of manure-removing transporters." Riga, 1958. 19 pp with graphs (Min of Agriculture USSR, Latvian Agr Acad), 200 copies (KL, 35-58, 108)

OZOL, Ya.G., [Ozols, J.] kand. tekhn. nauk

Selecting optimal parameters for farm manure spreaders. Trakt. i sel'khozmash. no.4:20-22 Ap '65. (MIRA 18:5)

1. Latviyskaya sel'skokhozyaystvennaya akademiya.

OZOL, YA. K. and IEVIN'SH. A. F.

"Thermostat for Precise Determination of Parameters of an Elementary Crystal Nucleus"
Izv. AN Latviyskoy SSR, 5, 1953, pp 93-96

The construction of an X-ray thermostat for precise determination of parameters of a crystal lattice is described. The thermostat secures constant temperature with deviations not exceeding 0.01-0.05° . (RZhFiz, No 11, 1954)

SO: W-31187, 8 Mar 55

OZOL, Ya. K.

Chem
4
(2)

2438. Volumetric determination of potassium. A. F. Levinsh and Ya. K. Ozol (*J. anal. Chem. USSR*, 1953, 8, 53–54).—The aq. solution containing ~5 mg. of K per 1 ml. is mixed with an equal vol. of ethanol or methanol and treated dropwise with a reagent prepared by dissolving 20 g. of tartaric acid in 500 ml. of water, adding 8 g. of freshly distilled aniline or 7 g. of freshly distilled pyridine, and diluting with ethanol to 1 l. The reagent is added to the stirred solution until it is yellow to methyl-orange. The pptd. K bitartrate is filtered off after 2 hr., dissolved in water, and titrated with 0·05 N-NaOH, using phenolphthalein. The determination of K by this method is satisfactory in presence of Na, Li, and Mg, and errors are negligible. G. S. SMITH.

MF
7-26-54

OZOL,Ya.[Ozols,J.](Riga); VIMBA,S.(Riga); IYEVIN'SH,A.[Ievins,A.](Riga)

Structure of barium diborate $Ba\,B_2(OH)_2O_3 \cdot 4H_2O$. In Russian.
Vestis Latv ak no.3:125-126 '60. (KEAI 10:7)

1. Akademiya nauk Latviyskoy SSR, Institut khimii.
(Barium borates)

AREN, A.[Arens, A.](Riga); OZOL, Ya.[Ozols, J.](Riga); Vanag, G.[Vanags, G.](Riga)

Interaction of 2-halogen-2-p-nitrophenylindandione-1,3 with aromatic amines. In Russian. Vestis Latv ak no.4:117-122 '60.
(EEAI 10:7)

1. Akademiya nauk Latviyskoy SSR, Institut khimii.
(Halogens) (Nitrophenylindandione) (Amines)
(Aromatic compounds)

OZOL, Ya.

262T86

USSR/Physics - Crystallography, Monoclinic 21 Jul 53

"Precision Determination of Parameters of an Elementary Cell of Crystals of the Monoclinic System," A. Ievin'sh and Ya. Ozol', Inst of Chem, Acad Sci Latvian SSR

DAN SSSR, Vol 91, No 3, pp 527-530

Suggest asymmetrical method of recording the rotating crystal and show its applicability for precision detn of cell parameters of crystals of monoclinic system by use of only X-ray data. Describe tests on $KClO_3$ and $CaB_2O_4 \cdot 6H_2O$ and present results in tables. Presented by Acad D. S. Belyankin [deceased] 27 May 53.

262T86

AREN, A.[Arens, A.](Riga); OZOL, Ya. [Ozols, J.](Riga); VANAG, G.[Vanags, G.] (Riga)

Reaction of 2-halogen-2-p-nitrophenylindandione-1,3 with aliphatic and heterocyclic amines. Vestis Latv ak no.6:61-66 '60. (EEAI 10:9)

1. Akademiya nauk Latviyskoy SSR, Institut organicheskogo sinteza.

(Halogens) (Aliphatic compounds)
(Heterocyclic compounds (Nitrophenylindandione)
(Amines)

IYEVIN'SH, A.F. [Ievins, A.F.]. SHVARTS, Ye.M.; OZOL, Ya.K.

Ammonium pentaborate. Zhur.neorg.khim. 1 no.10:2236-2238 O '56.
(MLRA 10:1)

1. Institut khimii Akademii nauk Latviyskoy SSR.
(Ammonium borates)

OZOL, YA. K.

USSR/ Chemistry - Crystallography

Card 1/1 : Pub. 22 - 21/49

Authors : Ievin'sh, A. F., and Ozol, Ya. K.

Title : Accurate determination of parameters of an elementary nucleus of triclinic crystals

Periodical : Dok. AN SSSR 98/4, 589-591, Oct. 1, 1954

Abstract : The possibility of applying the asymmetrical method of photographing rotating crystals for an accurate determination of all parameters of an elementary nucleus of triclinic crystals is debated. The six basic parameters of an elementary nucleus of triclinic crystals are described. Data obtained showed that the asymmetrical method offers the possibility of determining the linear parameters of an elementary nucleus with an accuracy of up to 1-2 units in the third decimal point, and angular parameters - up to hundredths of fractions of a degree. Ten references: 4-USSR; 3-USA; 2-German and 1-English (1929-1953). Table.

Institution : Acad. of Sc. Latvian-SSR, Institute of Chemistry

Presented by : Academician N. V. Belov, May 10, 1954

FD-3042

USSR/Physics - Crystallography

Card 1/1 Pub. 153 - 11/23

Author : Ozol, Ya. K.; Iyevin'sh, A. F.

Title : Precision determination of the parameters governing the elementary nucleus of crystals of a triclinal system by the asymmetric method

Periodical : Zhur. tekh. fiz., 25, February 1955, 261-265

Abstract : On the example of copper sulfate the authors indicate the possibility for the precision determination of the parameters describing the elementary nucleus of crystals of the triclinal system with an accuracy up to 1-2 units in the third decimal figure for linear constants and up to hundredths of a degree for angular constants, namely only on the basis of x-ray data, as already done by the authors for crystals of the monoclinal system (ibid., 23, 1767, 1953; DAN SSSR, 91, 537, 1953). Eleven references.

Institution : -

Submitted : September 8, 1954

OZOL, YA.

AREN,A.[Arens,A.](Riga); OZOL,Ya.[Ozols,J.](Riga); Vanag,G.[Vanags,G.](Riga)

Interaction of 2-halogen-2-p-nitrophenylindandione-1,3 with aromatic amines. In Russian. Vestis Latv ak no.4:117-122 '60.
(EEAI 10:7)

1. Akademiya nauk Latviyskoy SSR, Institut khimii.
(Halogens) (Nitrophenylindandione) (Amines)
(Aromatic compounds)

5(2) SOV/78-4-7-19/44

AUTHORS: Ozol, Ya. K., Ievin'sh, A. F.

TITLE: The Tetrahydrate of the Strontium Diborate $SrB_2O_4 \cdot 4H_2O$ (Tetragidrat diborata stronțsiya $SrB_2O_4 \cdot 4H_2O$)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 7, pp 1587-1589 (USSR)

ABSTRACT: A method of producing the compound mentioned in the title in well-developed crystals is suggested according to the reaction $SrCl_2 + Na_2B_4O_7 + 2NaOH + 3H_2O = SrB_2O_4 \cdot 4H_2O + 2NaBO_2 + 2NaCl$. The diborate crystallizes in two modifications, a monoclinic and a triclinic one (Fig 3). The analytical composition of the crystals is given in table 1. The thermograms recorded by A. Vayvad show a very similar development for both modifications. X-ray pictures are made of both crystal modifications and the lattice constants are calculated. The results obtained by goniometric measurement are given in table 3. There are 3 figures, 3 tables, and 3 references, 2 of which are Soviet.

ASSOCIATION: Institut khimii Akademii nauk Latviyskoy SSR (Institute for Chemistry of the Academy of Sciences of the Latvian SSR)

SUBMITTED: April 20, 1958

Card 1/1

VANAG, G.Ya. [Vanags, G.]; OZOLA, E.Ya.

Derivatives of 1,3-indandione containing in position 2 a carbon chain with a carbonyl group. Zhur.org.khim. 1 no.3:529-534 Mr '65. (MIRA 18:4)

1. Institut organicheskogo sinteza AN Latviyskoy SSR.

ACCESSION NR: AT4040798 S/2685/63/000/002/0067/0076

AUTHOR: Prosvirin, V. I.; Ozolin', Ya. K.

TITLE: Effect of stresses produced by external loads on impact toughness of plastics

SOURCE: AN LatSSR. Institut avtomatiki i mekhaniki. Prevrashcheniya v splavakh i vzaimodeystviye fas, no. 2, 1963, 67-76

TOPIC TAGS: plastic, alloy 40K60V, rosin beeswax plastic, prestressed plastic, plastic impact toughness, tensile stress, bending stress, compression, deformation, impact toughness

ABSTRACT: Serial samples of organic alloy 40K60V 40% rosin, 60% beeswax) and three modifications (i.e., 20, 40 and 80% beeswax) were tested for effects of compressive prestressing (60 sec., 0.5 kg/cm^2), compression (0 — 1.5 kg/cm^2), composition, impact velocity (1.56 — 3.02 m/sec), bending stresses (0 — 1.0 kg), as well as tensile prestressing (60 sec., 0.2 — 3.0 kg/cm^2) and plastic predeformation (0 — 7.5%) on the material's impact toughness. It was found that impact toughness is significantly affected by the

Card 1/2

ACCESSION NR: AT4040800 S/2685/63/000/002/0087/0095

AUTHOR: Molchanov, Yu. M.; Ozolin', Ya. K.

TITLE: Effect of extrusion conditions on the properties of a graphite plastic

SOURCE: AN LatSSR. Institut avtomatiki i mekhaniki. Prevrashcheniya v splavakh i vzaimodeystviye faz, no. 2, 1963, 87-95

TOPIC TAGS: graphite containing plastic, plastic resistivity, plastic wear characteristic, plastic hardness, plastic permanent set, extrusion pressure effect, extrusion temperature effect, pressure preheating effect, plastic extrusion, graphite, phenolformaldehyde resin

ABSTRACT: Effects of pressure and temperature conditions during extrusion were analyzed by testing samples of a graphite plastic used for spacers in the current collectors of electric trolleys. The composition included 85% graphite dust, 13% phenolformaldehyde resin #18 and 2% technical urotropine. The mixture was kept for 30 min. at 180C, then extruded at that temperature under pressures ranging from 300 to 1600 kg/cm^2. Preheating was under pressure, but the material was cooled in an unstressed state. Peak Brinell hardness of 16 kg/mm^2 was obtained when extruding at 700 kg/cm^2. Minimal permanent set and specific

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