

KRYSZEWSKI, Marian

POLAND

KRYSZEWSKI, Marian; SKORO, Marta

Department of Physics of the Division of Chemistry,
Lodz Polytechnic School (Katedra Fizyki Wydziału Chemicz-
nego Politechniki Lodzkiej) (both)

1963
Crakow, Postępy fizyki, No 3, pp 289-305.

"Crystallization of High-molecular Compounds. Part II".

KRYBZEWSKI, Marian; SKORKO, Marta

~~_____~~
Crystallization of high-molecular compounds. Pt.1.
Postepy fizyki 14 no.2:209-227 '63.

1. Katedra Fizyki, Wydział Chemiczny, Politechnika, Łódź.

KRYSZEWSKI, M.

A conference on the chemistry and technology of polymers.
Polimery tworzą wielk 8 no.12:482-483 D'63.

KRYSZEWSKI, M.

International symposium on polymers in Paris. Polimery
tworz wielk 9 no. 1: 23-26 Ja '64.

KRYSZEWSKI, Marian; SKORKO, Marta

Crystallization of macromolecular compounds. Pt. 2.
Postepy fizyki 14 no. 3: 289-304 '63.

1. Katedra Fizyki, Wydział Chemiczny, Politechnika,
Warszawa.

ACCESSION NR: AP4038545

P/0053/84/000/004/0190/0198

AUTHOR: Kryszewski, Marian; Kurozewska, Halina; Szymanski, Aleksander

TITLE: Dependence of organic dielectric direct current conductivity upon operating conditions and external factors

SOURCE: Przegląd elektroniki, no. 4, 1984, 190-198

TOPIC TAGS: semiconductor, solid state physics, dielectric, organic dielectric, current conductivity, direct current conductivity, polystyrene, saran, thermoplastic resin, vinyl chloride, vinylidene chloride

ABSTRACT: The results of an analysis of direct current conductivity in high-molecular organic dielectrics are discussed. These dielectrics are polystyrene and saran (vinyl chloride and vinylidene chloride copolymer). The polystyrene structure was polar; the saran structure was non-polar. Authors found that polarization occurs in both types of polymers. This polarization causes a change in the current intensity flowing through the dielectric as a function of time. The polarization processes occur at a faster rate in the polar saran than in the non-polar polystyrene, i.e. a quasi-stationary current is obtained after the passage of a smaller time interval in the case of saran. The depolarization currents, observed for both types of

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ACCESSION NR: AP4038545

dielectrics, can be described by the equation

$$I(t) = \sum_{i=0}^n I_i e^{-\lambda_i t}$$

Irradiation of the dielectrics by ultraviolet irradiation does not cause polarization decay, but it does, however, bring about a change in the depolarization time constant. The linear relationship between the applied voltage and current intensity flowing through the test sample is fulfilled only in the electric field intensity range of the order of 10^5 volts/cm. In the case of higher strengths of the applied field, the relationship $I \approx v^n$, where $n = 1.5$, is in conformity with the theory of the effect of the space charge on the dielectric conductivity. The through resistance of the dielectric depends upon the ultraviolet irradiation dosage. Changes in the resistance under the effect of ultraviolet irradiation occur especially clearly in the case of saran, which is subject to degradation more readily than polystyrene. The surface conductivity of the tested dielectrics depends upon the pressure and nature of the gas surrounding the test sample. Orig. art. has: 9 figures, 2 tables and 1 equation.

Card 2/3

ACCESSION NR: AP4038545

ASSOCIATION: Katedra Fizyki Wydziału Chemicznego Politechniki Łódzkiej (Physics
Department of the Chemical Faculty, Łódz Polytechnic Institute).

SUBMITTED: 00

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: MT, EM

NO REF SOV: 000

OTHER: 007

Card 3/3

KRYSZEWSKI, Marian

Certain electronic phenomena in organic dielectrics. Przegl
elektroniki 5 no. 5:205-216 My '64.

1. Department of Physics, Division of Chemistry, Technical
University, Lodz.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0"

"APPROVED FOR RELEASE: 04/03/2001

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CIA-RDP86-00513R000826910014-0

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0"

100

KRYSZEWSKI, Marian

Remarks on absorption spectra and fluorescence of charge-transfer complexes of polystyrene. Acta physica Pol 26 no.3/4:443-447 S-O '64.

1. Institute of Physics of the Technical University, Lodz.

SZYMANSKI, A.; KRYSZCZAK, M.

Application of the rare gas radioluminescence increase by the electric field for studies on inelastic scattering of electrons. Bul Ac Pol math 12 no.8:507-511 '64.

Estimation of electron energy distribution from increase of rare gas radioluminescence in the electric field. Ibid.:513-516

1. Department of Physics of the Division of Chemistry of the Technical University, Lodz. Presented by A. Jablonski.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0

ACCESSION NR: AP5009475

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910014-0"

L 01068-66 EWT(1)/EPA(s)-2/EWP(j) IJP(c) GG/RM

ACCESSION NR: AF4041490

FO/0053/64/000/005/0205/0216

AUTHOR: Kryszewski, M. (Kryshevski, M.)

TITLE: Some electron phenomena in organic dielectrics

SOURCE: Przegląd elektroniki, no. 5, 1964, 205-216

20
19
B

TOPIC TAGS: dielectric material, electron mobility, electric conductivity

ABSTRACT: The article discusses one of the properties and parameters having an effect on the change of the property investigated of organic dielectrics: the conduction of direct electric current. Particular attention is given to the essence of the conduction mechanism of electric current in solid dielectrics, since previously published articles of a purely technological character concerned with the electrical properties of substances fail to do so, nor do they discuss the basic reasons for the change in conductivity. In the case of polymers containing double bonds, i.e., with mobile π electrons, the conduction mechanism has been considerably less investigated than in the case of organic crystalline substances. It is attempted to explain the conduction mechanism of organic dielectrics by resorting to the band model and by treating two extreme cases, viz., when organic dielectrics

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L 01068-66

ACCESSION NR: AP4041490

do and do not contain mobile n electrons. It is concluded that the basic parameters causing conduction in organic dielectrics may be put into two groups: 1) structural parameters determining the nature of carriers and traps; 2) external parameters (coercive factors) affecting the operation of the dielectric. Up to the present time, investigations of these phenomena have been carried out at the Lodz Polytechnic Institute. From the discussion of conduction in organic dielectrics it is shown that the stability of this property is a complicated problem. The conduction mechanism and the mechanism of the phenomena associated with the insertion of a dielectric in an electric field may be explained in its general traits by the band model. The adoption of such a theoretical base indicates the most important physical parameters determining conduction and in this way points the direction in which physical investigations should move in order to explain the physical basis for the changes occurring in organic dielectrics during their production as well as when they are functioning in electronic devices. Orig. art. has: 8 equations and 1 table.

ASSOCIATION: Katedra Fizyki Wydziału Chemicznego, Politechniki Łódzkiej (Chair of Physics, Department of Chemistry, Lodz Polytechnic Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: NT, EM

NO REF SOV: 000

OTHER: 006

Card 2/2 *BP*

L 27876-66

ACCESSION NR: AT5009476

P/0095/65/013/001/0053/0058

AUTHOR: Kryszewski, M.; Mucha, M.

8
7
B+1

TITLE: Influence of UV-radiation on the glass transition temperature of the vinyl chloride-vinylidene chloride copolymer (Saran B)

SOURCE: Polska Akademia Nauk. Bulletin. Serie des sciences techniques, v. 13, no. 1, 1965, 53-58

TOPIC TAGS: glass transition temperature, ultraviolet irradiation, vinyl, vinylidene, copolymer/ Saran B copolymer

ABSTRACT: The glass transition temperature for simple vinyl copolymers is almost a linear function of the weight (or volume) fraction of both comonomers and depends on their glass transition temperatures. Copolymers containing ethylene and vinyl monomers in which isolated -CH₂-CHR-CH₂- groups exist have a constant glass transition temperature (between -10°C and -50°C depending on the nature of the alkyl group) within a wide composition range when the ethylene content is comparatively large. When the ethylene content in this type of copolymer is reduced past a certain point, the glass transition temperature gradually increases from the constant value up to the glass transition temperature of the homopolymer. In order to

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ACCESSION NR: AT5009476

determine whether vinyl copolymers modified by ultraviolet light behave like ethylene copolymers or like simple vinyl copolymers with respect to glass transition temperature, Saran B films 15-20 μ thick were subjected to ultraviolet radiation from a Philips 57413 P/40 TUV low pressure mercury lamp with a power of 30 watts. About 90% of the output from this UV source is at the resonance line ($\lambda = 2537 \text{ \AA}$) strongly absorbed by Saran B. The irradiated samples were tested for density, gel content and glass transition temperature. Density and gel content are given as functions of irradiation time in figs. 1 and 2 of the Enclosure respectively. The glass transition temperature was determined by the dilatometric method, using Bekkedahl's dilatometer (N. Bekkedahl, J. Research N.B.S., 43 (1949), 371). The Saran B samples were placed in the dilatometer, heated to 50°C and degassed for several hours at a pressure of 10^{-3} mm Hg before the instrument was filled with mercury. The dilatometer was then placed in a thermostat and held at a constant temperature $\pm 0.05^\circ\text{C}$ for 30 minutes. The height of the mercury column was then used to find the specific volume as a function of temperature. The glass transition temperature occurs at the break point in the curve $V_g = f(T)$ (see fig. 3 of the Enclosure). The glass transition temperature as a function of irradiation time for Saran B is shown in Fig. 4 of the Enclosure. It is concluded that ultraviolet radiation causes the glass transition temperature in Saran B to change from the

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L 27876-66

ACCESSION NR: AT5009476

behavior observed for simple vinyl copolymers to that which occurs in copolymers of ethylene and vinyl monomers. A subsequent article will deal with cross-linking and degradation as functions of the glass transition temperature. Orig. art. has: 4 figures.

ASSOCIATION: Katedra Fizyki, Wydział Chemii, Politechnika, Łódź (Department of Physics, Faculty of Chemistry, Technical University)

SUBMITTED: 00

ENCL: 04

SUB CODE: CC,OP

NO REF SOV: 001

OTHER: 020

Card 3/7

L 27876-66

ACCESSION NR: AT5009476

ENCLOSURE: 01

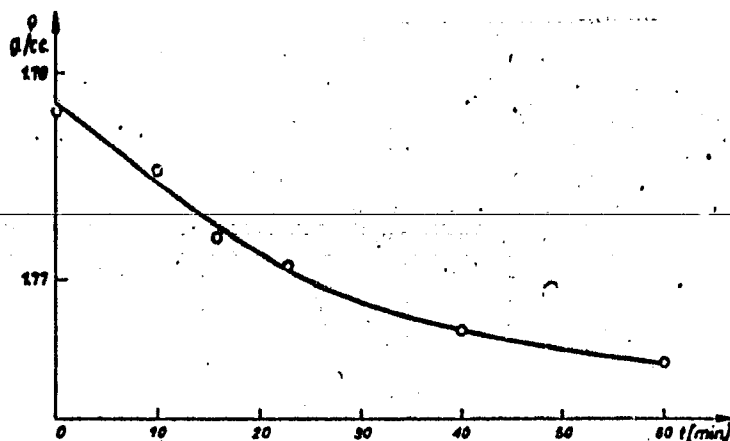


Fig. 1. Density of Saran B as a function of UV radiation time.

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L 27876-66

ACCESSION NR: AT5009476

ENCLOSURE: 02

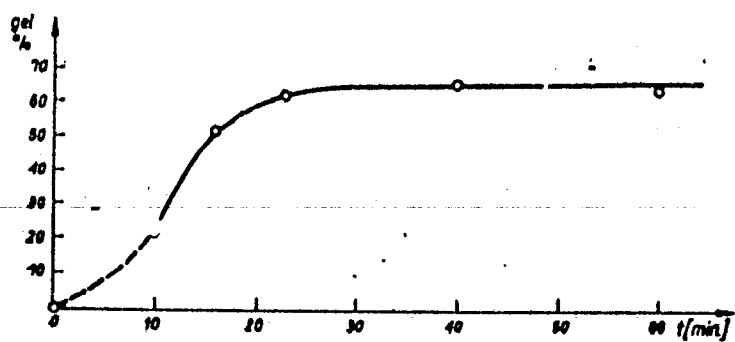


Fig. 2. Gel content in Saran B as a function of UV radiation time.

Card 5/7

L 27876-66

ACCESSION NR: AT5009476 v_s
cc/g.

ENCLOSURE: 03

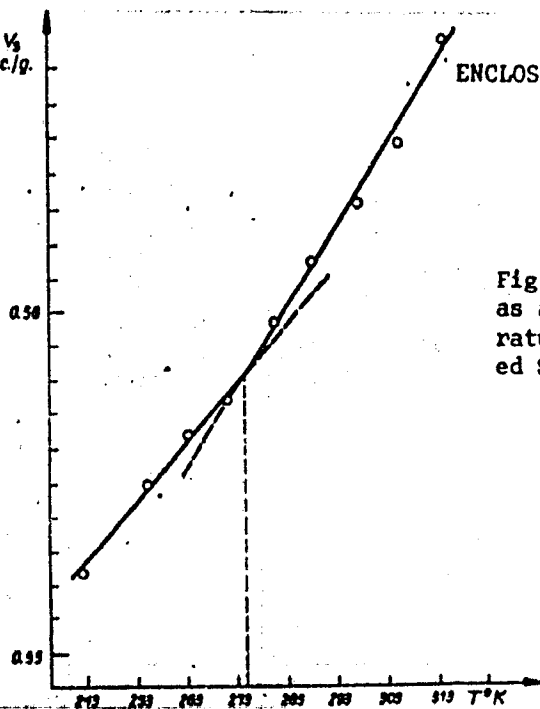


Fig 3. Specific volume as a function of temperature for non-irradiated Saran B.

Card 6/7

L 27876-66

ACCESSION NR: AT5009476

ENCLOSURE: 04

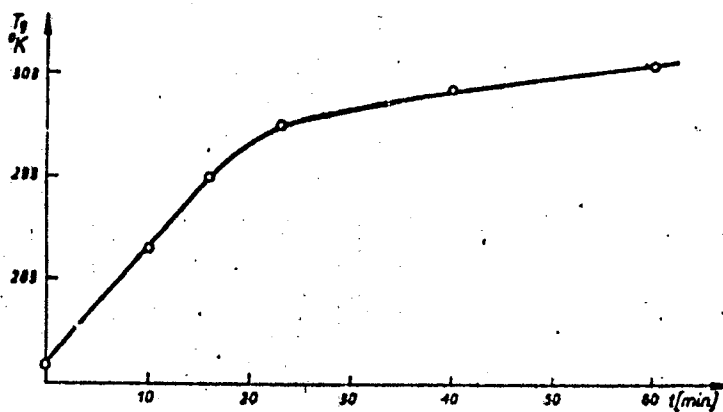


Fig. 4. Glass transition temperature for Saran B as a function of irradiation time.

Card 7/7

20

Country : Poland H-30
 Category : Chemical Technology. Chemical Products and Their
 Applications. -- Lacquers. Paints. Coatings.
 Abs. Jour. : R. Zh. - Khim., No. 11, 1959 40821
 Author : Flachecki, J. and Kryszkiewicz, E.
 Institut. : Not given
 Title : Quick-Drying Paints for Railroad Freight Cars Used
 by Swiss Railroads

Orig. Pub. : Przegląd Kolejowy Mechan, 9, No 12, 358-361 (1957)

Abstract : The Swiss Railroad Administration uses quick-drying
 PVA-based water-emulsion paints for railroad freight
 cars. The drying rate of these paints on glass
 plates at 18-20° is 2 hrs. The paints are not
 damaged during transport in the winter and have
 withstood tests in which they are cooled to -20°
 for 2 hrs. The hardened films are not softened by
 the application of a second coat of the same paint,
 are resistant to abrasion, and do not contaminate
 a cotton wad [sic: nonbleeding?]. PVA paints
 must withstand two-year tests in which test panels
 are exposed to the atmosphere on the roof of the
 factory. Metal parts can be coated with PVA paints

Card: 1/2

Country : Poland H-30
 Category : Chemical Technology. Chemical Products and Their
 Applications. -- Lacquers. Paints. Coatings.
 Abs, Jour. : R. Zh. - Khim., No. 11, 1959 40821
 Author :
 Institut. :
 Title :

Orig. Pub. :

Abstract : only after the application of a base coat of cor-
 rosion-protective paint. Wood surfaces which it is
 intended to paint with PVA finishes must have a
 moisture content of 13-15%. The PVA coatings applied
 to railroad freight cars have shown good stability
 over 5 yrs. A brief description of the compositions
 used in the PVA finishes is given.

M. Gol'dberg

Card: 2/2

SITKOWSKI, Wacław; PIOTROWSKI, Andrzej; KRYSZKIEWICZ, Tadeusz

Aspergillus fumigatus as a cause of postoperative complications.
Gruzlica 27 no.10: 1069-1071 O '59.

1. Z Oddziału Chirurgicznego Sanatorium im. F. Dzierżyńskiego w
Otwocku. Kierownik Oddziału: doc.dr. J. Nowicki. Dyrektor: dr.
E. Konar.

(LUNG DISEASES)
(PNEUMONECTOMY compl.)
(ASPERGILLOSIS)

KRYSZKOWSKI, T.

GEOGRAPHY & GEOLOGY

Periodical: RUCH TURYSTYCZNY. No. 2, Oct./Dec. 1957.

KRYSZKOWSKI, T. The first tourist organizations in Poland; the Polish Tatra Mountains Society and the Polish Country Lore Society. p. 78.

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

KRYSZTOF, Alfons; (Warszawa, ul. Wolska 37 Szpital Zakazny Nr 1.)

Apparatus for punctures. Polski tygod. lek. 10 no.42:1386-1387 17 Oct 55.

(PUNCTURES, apparatus and instruments,)

KRYSZTOFIAK, Bogdan

Results of the treatment of multiple sclerosis with cocarboxylase.
Neur. &c. polska 10 no.6:805-808 '60.

1. Z Kliniki Neurologicznej A.M. w Poznaniu, Kierownik: prof. dr
A. Dowsenko.

(COCARBOXYLASE ther)

(MULTIPLE SCLEROSIS ther)

KRYSZTOFIK, E.

From the practice of feeding birds in winter. p. 20

IAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland. Vol. 29, no. 2, Feb. 1955

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

Uncl.

KRYSZTOFIK, E

KRYSZTOFIK, E.

KRYSZTOFIK, E. Mash as a further improvement in the feeding of birds in winter. p. 36.

Vol. 29, no. 8, Aug. 1955
LAS POLSKI
AGRICULTURE
Poland

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

KRYSZTOFIK, E.

KRYSZTOFIK, E. Once more concerning the protection of birds. p. 22

Vol. 29, no. 10, Oct. 1955

LAS POLSKI
AGRICULTURE
Poland

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

KRYSZTOFIK, E.

Krysztofik, E. "Bird Farm" for feeding birds in winter. p. 36.

LAS POLSKI

Vol. 29, No. 6, June 1956

Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10 Oct. 56

KEYS7TOFIK, E.

Our tallest forest trees. p. 22
(Las Polski, Warsaw, Vol. 30, no. 9, Sept. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

KRYSZTOFIK, R.

Wolves in old times. p. 48
(Las Polski, Warszawa, Vol. 30, no. 9, Sept. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. U^Ncl.

Country: POLAND
 Category: Forestry Forest Cultures.

K

Abs Jour: RZhBiol., No 12, 1958, No 53486

Author : Kryzstofik, Eugeniusz
 Inst : -
 Title : Some Peculiarities of Polish Larch.

Orig Pub: Las Polska, 1957, 31, No 2, 8-9

Abstract: It is recommended that Polish larch cones (after cleaning them) be sown during the spring-summer months. Observations of 2-year larch sprouts obtained by sowing the cones on cinders in Podgorny Forest Range showed that the sprouts developed normally. The growth increment in height was greater without any care in the case of 2-3 year old specimens. -- K.D. Lesitskiy

Card : 1/1

COUNTRY : Poland
 CATEGORY : Forestry, Dendrology

K

AB. JOUR. : RZh Biol., No. 2, 1959, No. 6102

AUTHOR : Kryzstofik, Eugeniusz
 INST : -
 TITLE : Additional Data about the Siberian Larch.

ORIG. PUB. : Las polski, 1957, 31, No.23, 19-20

ABSTRACT : According to the literary data cited by the author the Siberian larch is very successfully cultivated in the northeastern part of Germany. In Poland the Siberian larch grows well in the leekoz of "Slobita". It is suggested that this native Polish habitat of the Siberian larch be studied. -- S.M. Stoyko

Card: 1/1

KRYSZTOFIK, E.; POMARNACKI, L.

Bird protection in young forests as a means of strengthening the biological resistance of forests. p. 29.

SYLWAN. (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland Vol. 101, no. 8, Aug. 1957

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6,
June 1959
uncla.

KRYSTOFIK, E.

COUNTRY : POLAND
 CATEGORY : Forestry. Forest Cultures. K
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 10797
 AUTHOR : Krystofik, E.
 INST. : -
 TITLE : The History of a Young Growth.

ORIG. PUB. : Las polski, 1958, 32, No. 2, 12-14

ABSTRACT : An experiment is described of growing the plants of Polish larch in mixture with beech started in 1947 by the drill method in Swantokrzhijskiy People's Park. As the result of rapid growth (height in 6 years: 3.2-4.6 meters), the plants subsequently proved to be of little resistance to extreme cold, snowfall and wind. In 1954, the partial fruiting of the plantations began. Later, there were carried out the improvement cuttings which secured the formation of good poles. The annual growth in height in these cultures reaches 1.6 meters and considerably surpasses the published data on the increment of Polish

CARD: 1/3

COUNTRY :
 CATEGORY :
 ABS. JOUR. : RZhBiol., No. 1959, No.10797
 AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : larch. The culmination of the growth comes at the age of 10 years. Not corroborated were the published data to the effect that in well-growing larch plantations there takes place the differentiation of the stems with a sharp elimination of the weak specimens already at the sapling age or the early pole stage. It is recommended not to permit an intense closing of the plantations after the culmination of the growth either. The period of the culmination of growth in height is critical in the development of the

CARD: 2/3

KRYSZTOFIK, E.

Interesting larch stands in Slobity, Strzalowo, and Sobowidze forest administrations. p. 10.

LAS POLASKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland, Vol. 32. no. 13/14, July 1958.

Monthly List of East European Accession (EFAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

KRYSZTOFOWICZ, Irena

Problem of infant mortality in Poland. *Pediatr. polska* 34 no.8:1027-1036 Aug 59.

LZ Departamentu Matki i Dziecka Ministerstwa Zdrowia Dyrektor Departamentu: dr med. B. Pomerska.
(INFANT MORTALITY, statist.)

KRYSZTOFOWICZ, Irena

Evaluation of the result of infant mortality control in 1959.
Pediat.polska 35 no.12:1419-1439 D '60.

1. Z Departamentu Matki i Dziecka Ministerstwa Zdrowia, Dyrektor
Departamentu: dr med. E. Pomerska.
(INFANT MORTALITY prev & control)

KRYSZTOFOWICZ, Irena

Present situation of infant mortality in Poland in 1960. *Pediat*
pol 36 no.12:1263-1268 D '61.

1. Z Departmentu Matki i Dziecka Min. Zdrowia i Opieki Spol
Dyrektor Departmentu: dr med. E. Pomerska.
(INFANT MORTALITY *statist*)

KRYSETOFOWICZ, Rena; LENC-KRUMHOLZ, Alina

Evaluation of infants mortality in Poland in 1964. Zdrow.
publiczne no.9:371-378 S '65.

1. Z Departamentu Matki i Dziecka Ministerstwa Zdrowia i
Opieki Społecznej (Dyrektor: dr. med. E. Pomerska).

SOBETSAYA, S. [Sobecka, Z.], red.; BERNATSKIY, V. [biernacki, V.],
red.; KRYT, D., red.; ZADKOZHNIYY, T. [Zadrozny, T.], red.

[Chemical dictionary in 4 languages: English-German-Polish-
Russian] Khimicheskii slovar' na 4 iazykakh: angliisko-nemetsko-
pol'sko-russkom. Warsaw, Wydawnictwa naukowo-techniczne,
1962. 724 p. (MIRA 18:6)

KRYTOV, G.M.

Theoretical investigations of the supporting capacity of arched
linings in underground mines. Nauch. trudy KHGI no.6:155-172 '58.
(MIRA 14:4)

(Mine timbering)

(Rock pressure)

OBODOVSKIY, Boris Arnol'dovich; KHANIN, Solomon Yefimovich;
Prinimali uchastiye ORZHEKHOVSKAYA, O.P.; ITSKOVICH,
G.M.; DARKOV, A.V., prof., doktor tekhn. nauk,
retsenzent; KHYUKOVSKIY, S.S., prof., retsenzent
[deceased]; KHRYTOV, G.M., dots., retsenzent; RAKIVNENKO,
V.N., st. prepod., retsenzent; VINOKUROV, A.I., otv. red.;
VAYNBERG, D.A., red.

[Strength of materials in examples and problems] Soprotiv-
lenie materialov v primerakh i zadachakh. Khar'kov, Izd-
vo Khar'kovskogo gos. univ., 1965. 314 p. (MIRA 18:5)

KRYTOV, K.Ye.; PUCHKOV, I.M.; KARAVAYEV, V.I.

Machinery for shaping concrete curb stones. Stroi. i dor. mashinost.
no.2:27-28 F '57. (MIRA 10:3)

(Road machinery)

KRYTOV, K.Ye., PUCHKOV, I.M., KARAVAYEV, V.I.

Equipment for mechanized production of curbstones. Nov.tekh. 1
pered. op. v stroi. 19 no. 3:16-17 Mr '57. (MLRA 10:4)
(Curbstones) (Precast concrete)

KRYTOV, K.Ye.; PUCHKOV, I.M.; KARAVAYEV, V.I.

Machines for making concrete curbstones [Suggested by K.E. Krytov,
I.M.Puchkov, V.I.Karavaev] Rats. i izobr. predl. v stroi. no.6:
19-21 '58. (MIRA 11:10)

(Curbstones)

КЕЯТОВ, К. Я. инж.; ПОМАНОВ, Б., инж.

Eliminate seasonal aspects in road construction. Biul. tekhn.
inform. po stroi. 5 no.4:17-18 Ap '59.
(Road construction--Cold weather conditions.)

KRYTSKIY, G.A.; MYACKAYA, G.L.

Studying glycine metabolism and purine biosynthesis in the liver of birds [with English summary in insert], *Biokhimiya* 21 no.6: 694-701 M-D '56. (MIRA 10:7)

1. Institut biokhimi imeni A.N.Bakha Akademii nauk SSSR, Moskva.
(GLYCINE, metabolism,
liver, in birds (Rus))
(PURINES, metabolism,
same)
(LIVER, metabolism,
glycine & purines, in birds (Rus))

NAMITOKOV, K.K.; Prinsipali uchastiye: BREMER, V.N.; KRYTSYN, G.M.;
KOVALEVA, Ye.V.

Using ultrasonics in electric engineering. Avtom. i prib. no.1:
72-76 Ja-Mr '62. (MIRA 15:3)

1. NIIelektro.
(Ultrasonic waves--Industrial applications)
(Electric engineering)

LYSYKH, P.I.; KRYTSYN, P.M.

Combining communication offices is an important economy measure.
Vest.svyazi 16 no.7:25-26 J1 '56. (MLRA 9:9)

1.Zamestitel' nachal'nika Dregebychskego oblastnogo upravleniya
svyazi (fer Lysykh).2.Nachal'nik direksii radietranslyatsiennykh
setey (fer Krytsyn).
(Dregebych Province--Telecommunication)

AUTHORS: Lysykh, P.I., Deputy-Head; Krytsyn, P.K., Head SOV-111-58-9-17/30

TITLE: A Mobile Communications Department Trailer (Peredvizhnoye otdeleniye svyazi na pritsepe)

PERIODICAL: Vestnik svyazi, 1958, Nr 9, p 20 (USSR)

ABSTRACT: The article describes the mobile postal and telephone department, the Drogobych Combined Communications Office. The unit consists of a van, fitted up as a small post office, which can be hitched to a truck for haulage and is set up in market places. Officials at tables outside the van sell fruit boxes and packaging materials for parcels. The finished packages are then registered and received in the van. Apart from the postal department, telephone facilities are also available. There is 1 photo.

ASSOCIATION: Drogobychskaya ob'yedinnaya kontora svyazi (Drogobych Combined Communications Office)

1. Communication systems--USSR

Card 1/1

KRYUCHEK, K.N.

[My tools and gadgets used in machinery construction marking;
transcript of a public lecture] Moi instrumenty i prisposoblenia
v mashinostroitel'noi razmetke; stenogramma publichnoi lektsii.
L, 1951. 21 p. (MLRA 8:4)
(Machine tools)

KRYUCHEK, Kuz'ma Fedorovich; SUKHOV, I.V., red.; VASIL'YEV, Yu.A.,
red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Universal height gauge] Universal'nyi shtangenreismus. Le-
ningrad, 1962. 11 p. (Leningradskii dom nauchno-tekhnicheskoi
propagandy. Opyt novatora (Obmen poredovym opytom. Ser-
riia: Mekhanicheskaia obrabotka, no.15) (MIRA 15:10)
(Gauges)

KRYUCHEK, Kus'ma Fedorovich, novator; SUKHOV, I.V., inzh., red.; SHILLING, V.A., red. 1zd-va; QVIRTS, V.L., tekhn. red.

[Programmed height gauge. Multipurpose rotary device for the layout of small parts] Shtangenreissus s programnoi nastroikoi. Universal'noe povоротnoe prispособlenie dlia razmetki malogabaritnykh detalей. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatorov. Seria: Mekhanicheskaja obrabotka metallov, no.11)

(Gauges)

(Laying out (Machine-shop practice))

(MIRA 14:8)

KRYUCHEK, K.F.

Program-controlled marking gauge. Mashinostroitel' no.9:20-21
S 162. (MIRA 15:9)
(Laying out (Machine-shop practice))

RUKASOV, Yu., starshina 2 stat'i; TISHIN, N., starshiy serzhant; MARKOV,
I., starshina sverkhrochnoy sluzhby; KRUCHENKO, V., Geroy
Sovetskogo Soyuza, starshina sverkhrochnoy sluzhby; MATYZLEVSKIY,
S., mladshiy serzhant; DAVRANOV, R., komendor matros

On land and in outer space. Starsh.-serzh. no.9:2-3 S '62.

(Astronautics)

(MIRA 15:11)

KIKUCHENKOV, D.A.

Using alkaline raw materials with a high alumina content in making
bottles. Stek. i ker. 18 no.2:6-8 F '61. (MIRA 14:3)
(Bottles)

KRYUCHENKOV, D.A.

Our contribution to the seven-year plan. Stek. 1 ker. 19
no.8:1-3 Ag '62. (MIRA 15:9)

(Glass manufacture)

PRUTSKOV, F.M., kand. sel'khoz. nauk, dots.; RUBTSOVA, V.P., kand.
sel'khoz. nauk; KHYUCHEV, B.D., преподаvatel'; GRACHEVA,
V.F., red.; BYKOVA, M.G., red.

[Plant growing] Rasteniievodstvo. Moskva, Izd-vo "Kolos,"
1964. 525 p. (MIRA 17:7)

KRYUCHIN, A. F.

USSR, Mathematics - Sonic gas flow

FD-949

Card 1/1 Pub. 85-3/11

Author : Kryuchin, A. F. (Riga)

Title : ~~USSR, Mathematics - Sonic gas flow~~
: Problem of near-sonic flow around a profile

Periodical : Prikl. mat. i mekh. 18, 547-560, Sep/Oct 1954

Abstract : A stabilized near-sonic gas flow in absence of friction and heat exchange is analyzed. As an example, a symmetrical flow around a wedge is computed under assumption that the disruption line is disconnected, the flow velocity at infinity exceeds little the sound velocity and the wedge has a narrow aperture angle. The distribution of pressure along the profile, the position and shape of the disruption line, and the equation of the sonic line are established. Indebted to L. V. Ovsyannikov. Seven references.

Institution : --

Submitted : February 8, 1954

KRYUCHIN, A. F.

USSR/ Aeronautics - Hydromechanics

Card : 1/1

Authors : Kryuchin, A. F.

Title : The airflow around a v-shaped profile with a disconnected line of intensive flow separation.

Periodical : Dokl. AN SSSR, Vol. 97, Ed. 1, 37 - 39, July 1954

Abstract : A mathematical expression is formulated stating that, for a symmetric and uniform flow of gas around a v-shaped surface, a boundary-value problem, relative to the hodograph plane, is presented under certain conditions of absence of friction and heat transfer. In order to find the flow characteristics around the wedge, in the case of an intensive flow separation, a mixed-type ellipse-hyperbolic equation, must be solved. The article describes the method of solving this equation, transforming it, on the basis of Cauchy's theorem, into a simplified system of linear algebraic equations. Three USSR references (1947, 1952 and 1953).

Institution :

Presented by : Academician, A. I. Nekrasov, May 3, 1954

KRYUCHIN, A. F.

USSR/Mathematics - Hydromechanics

Card 1/1

Author : Kryuchin, A. F.

Title : Drag of a diamond-shaped profile at trans-sonic velocities

Periodical : Dokl. AN SSSR, 97, Ed. 2, 205 - 208, July 1954

Abstract : The drag developed by a diamond-shaped surface on a gaseous stream flowing around the surface at trans-sonic velocities is analyzed. The analysis was made with the following assumptions: 1. Absence of friction; 2. The velocity of the stream be only slightly higher than that of sound; 3. The profile of the surface be comparatively thin. Four references. Diagram

Institution : ...

Presented by : Academician A. I. Nekrasov, Feb. 21, 1954

USSR/Physics - Circumsonic flow

FD-2863

Card 1/1

Pub. 85-16/16

Author : Kryuchin, A. F. (Riga)

Title : ~~Uniqueness theory of the solution to the problem of circumsonic gas flow around a wedge-shaped profile~~
Uniqueness theory of the solution to the problem of circumsonic gas flow around a wedge-shaped profile

Periodical : Prikl. mat. i mekh., 19, Sep-Oct 1955, 639-640

Abstract : The problem of the uniqueness for the gas-dynamic equation of Chaplygin $K(s) P_{tt} + P_{ss} = 0$ was posed and solved by F. I. Frankl ("Problems of Chaplygin for mixed subsonic and supersonic flows," Izvestiya AN SSSR, Seriya matem., 9, No 2, 1945). In the present note the writer demonstrates in a similar manner the uniqueness of the problem of circulation around a wedge-shaped profile by an adiabatic gas flow in the absence of friction and heat exchange with disconnected shock wave; this problem is reduced to the solution of boundary-value problem like the ones discussed by L. V. Ovsyannikov ("Equations of circumsonic motion of a gas," Prikl. mat. i mekh., 18, No 6, 1954) and A. F. Kryuchin (Circulation of circumsonic flow around a profile," *ibid.*, 18, No 5, 1954). Four references: e.g. F. Tricomi, Linear equations of the mixed type, translated into Russian by State Publishers of Theoretical and Technical Literature, 1947.

Submitted : February 3, 1955

VINOKUROV, P. (g.Leningrad); KRYUCHKIN, F., ratsionalizator, pensioner
(g.Leningrad)

With assistance of active workers. Izobri.i rats. no.6:28
Je '59. (MIRA 12:9)

1. Predsedatel' soveta Vnesoyuznogo obshchestva izobretateley
i ratsionalizatorov Kirovskogo zavoda (for Vinokurov).
(Leningrad--Efficiency, Industrial)

KRYUCHKIN, M.

"Holders of the Order of Glory." Reviewed by M. Kriuchkin.
Komm.Voeruzh.Sil 1 no.18:86-89 S '61. (MIRA 14:9)
(World War, 1939-1945)

KRYUCHKINA, S.B.; KAUFMAN, Y.P.

Economic effectiveness of the introduction of drive methods in the
Azerbaijan oil fields. Azerb.neft.khos. 35 no.10:41-44 0 '56.
(MLRA 10:1)
(Azerbaijan--Secondary recovery of oil) (Petroleum engineering)

AMBARTSUMYAN, Arfeniya Fegosovna; KRYUCHKINA, Sof'ya Borisovna;
LIKHTIN, Petr Ivanovich

[Methods of secondary recovery of oil] Vtorichnye metody
dobychi nefiti. Moskva, Nedra, 1965. 173 p. (MIRA 18:10)

USSR/Human and Animal Physiology - The Nervous System.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 13293

Author : Kryuchko, I.I.

Inst : -

Title : ~~THE ROLE AND THERAPY OF STREPTOCOCCAL INFECTION IN~~
The Role and Therapy of Streptococcal Infection in
the Development of Pathological Inertia of the Stimulatory Process in the Brain Cortex

Orig Pub : Zh. nevropatol. i psikiatrii, 1958, 58, No 3, 329-396

Abstract : No abstract.

Card 1/1

KRYUCHKO, Yu.S., kand.tekhn.nauk; CHERNOV, S.K., kand.tekhn.nauk

Choosing the accuracy of dynamic balance for ship machinery.
Sudostroenie 27 no.10:41-43 O '61. (MIRA 14:12)
(Marine engineering)

*Same
as
KRYUCHKOV, Yu S.*

KRYUCHIKOV, A., Eng.

Agricultural Machinery - Repairing

Precise organization of repair work. MTS 13, No. 1, 1953.

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

KRYUCHKOV, A.

Some aspects of the air transportation of perishable goods. Sov.
potreb.koop. 5 no.8:36-37 Ag '61. (MIRA 14:7)
(Aeronautics, Commercial--Freight)

KRYUCHKOV, A.A.

The work of SBSH-2 duplex-drum cutting machines at the "Radovitskii Mokh" peat enterprise. Torf.prom. 30 no.2:10-11 JI '53. (MLRa 6:7)

1. Torfopredpriyatiye "Radovitskiy Mokh". (Peat industry)

КНИУЧЕНКОВ, А.А. (Minsk)

"The analysis of bending of plates, jointed by beams, by the finite difference method".

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - Feb 64

KRYUCHKOV, A. A.

KRYUCHKOV, A. A. -- "The Construction and Architecture of Low Pressure Agricultural Hydroelectric Stations in Belorussia (Generalization of Experience in Constructing and Adapting for Use Standard Industrial Structures)." Min Higher Education USSR. Belorussian Polytechnic Institute I. V. Stalin. Chair of Architecture. Minsk, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

KRYUCHKOV, A.A.

Industrialization of construction of rural hydroelectric
power stations in White Russia. Sbor.nauch.trud.Bel.politekh.
inst. no.70:81-86 '59. (MIRA 13:5)
(White Russia--Hydroelectric power stations)

KRYUCHKOV, A.A., inzh.

Industrialization of construction of rural hydroelectric power
stations. Sbor, nauch. trud. Bel. politekh. inst. no. 81:118-123
'59. (MIRA 13:5)
(White Russia--Hydroelectric power stations)
(Precast concrete construction)

L 13288-66 EWT(d)/EWT(m)/EWP(v)/EWP(j)/T/EWP(k)/EWP(h)/EWP(l) RM

ACC NR: AP6000321

(A)

SOURCE CODE: UR/0286/65/000/021/0010/0010

INVENTOR: Belotelov, N. A.; Verkhorubov, B. A.; Kal'noy, V. G.; Kryuchkov, A. D.;
Litvin, A. P.; Mel'nichenko, V. Z.; Morozov, G. N.; Olerinskiy, B. I.; Klebanova, I.
S.; Solnyshkin, L. M.; Fridman, A. N.; Shilov, L. A.; Shchutskiy, S. V.; Yanovskiy,
E. A.

ORG: none

TITLE: A device for automatic control of an installation for polymerizing gaseous
olefins. Class 12, No. 175923 [announced by the Leningrad Affiliate of the All
Union Scientific Research and Design Institute for Chemical Machine Building (Len-
ingradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i konstruktorskogo Insti-
tuta khimicheskogo mashinostroyeniya)]

SOURCE: Sulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 10

TOPIC TAGS: polymerization, olefin, chemical engineering, automatic control equip-
ment

ABSTRACT: This Author's Certificate introduces a device for automatic control of an

Card 1/3

UDC: 66.05-5 : 66.095.26 : 678.742.2

L 13288-66

ACC NR: AP6000321

installation for polymerizing gaseous olefins, e.g. in production of low pressure polyethylene. The unit consists of two temperature controllers connected to a flow regulator for the product reactor, and a pressure regulator connected to the controller for the coolant. For increased productivity and optimization of the process, one temperature controller is connected through a speed reducer to the pressure controller which is connected through a second speed reducer to the flow regulator for the product reactor. The other temperature controller is connected to the flow regulator for the coolant.

Card 2/3

L 13288-66

ACC NR: AP6000321

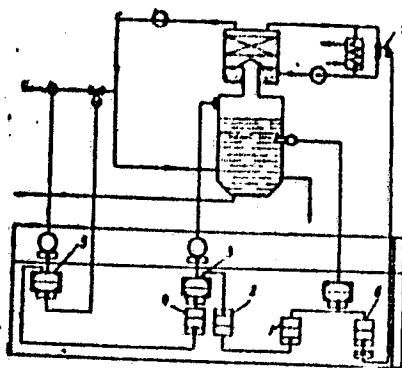


Fig. 1. 1 - first temperature controller; 2 - first speed reducer; 3 - pressure regulator; 4 - second speed reducer; 5 - flow regulator for the product; 6 - second temperature controller; 7 - flow regulator for the coolant.

SUB CODE: 07/ SUBM DATE: 01Feb65/

Card 3/3

KRYUCHKOV, A.D.; MORDOVSKIY, S.I., kand. tekhn. nauk, retsenzent;
SAMYLOV, V.A., inzh., red.; YURKEVICH, M.P., inzh., red.
1zd-va; SHCHETININA, L.V., tekhn. red.

[Automatic control of piston compressors] Avtomatizatsiia
porshnevnykh kompressorov. Moskva, Mashgiz, 1963. 278 p.
(MIRA 16:12)

(Air compressors) (Automatic control)

Handwritten: М.В. ЛАНЕНКИН, А.И. КРЮЧКОВ, Ф.В. МИРОНОВ

LANENKIN, M.V.; KRYUCHKOV, A.I.; MIRONOV, F.V.

Manufacturing glove leather from kidskins and sheepskins. *Lex. prom.*
18 no.2:44-46 P '58. (MIRA 11:2)

(Tanning)

КРЮЧКОВ, А.М.

KRYUCHKOV, A.M., insh.

~~MASS~~ production of furniture from bent and kerfed elements. Der.
prom. 6 no.9:19-20 8 '57. (MIRA 10:11)

1. Lenobldrevmebel'prom.
(Furniture)

KRYUCHKOV, A.M.

Furniture industry of the Leningrad Economic Council in 1959-1965.
Der. prem. 8 no.7:19-20 JI '59. (MIRA 12:9)
(Leningrad Economic Region--Furniture industry)

KRYUCHKOV, A.M., inzh.

Refining of wood-fiber boards in Poland. Der. prom. 10 no. 4:28-30
Ap '61. (MIRA 14:4)

(Poland—Hardboard)

EPSTEIN, Abram Grigor'yevich; KHYUCHKOV, A.M., red.; FREGER, D.P.,
red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Experience in the design and manufacture of modern furniture
of the Lithuanian Economic Council] Opyt proektirovaniia i pro-
izvodstva sovremennoi mebeli v Litovskom sovnarkhoze. Leningrad,
1962. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy
Obmen peredovym opytom. Seria: Derevoobrabatyvaiushchaia pro-
myshlennost', no.6) (MIRA 15:12)

(Lithuania--Furniture)

PROKOP'YEV, Nikolay Mikhaylovich; BUTIASHVILI, Shota Iosifovich;
KROUCHKOV, A.M., red.; FREGER, D.P., red. izd-va; BELOGUROVA,
I.A., tekhn. red.

[Quality and dimension control in woodwork] Kontrol' kachestva i
razmerov v derevoobrabotke; stenogramma lektsii, pročitannaa
v LDNTP dlia brakerov i kontrolerov OTK derevoobrabatyvaushchikh
predpriatii. Leningrad, Leningr. dom nauchno-tekhn. propagandy,
1962. 59 p. (MIRA 15:12)

(Woodworking industries--Quality control)

KRYUCHKOV, A.M., inzh.

Furniture made with plastics. Der.prom. 11 no.10:18-21
0 '62. (MIRA 15:9)

1. Spetsial'noye proyektno-konstruktorskoye byuro Upravleniya
mebel'noy i derevoobrabatyuvayushchey promyshlennosti Leningradskogo
soveta narodnogo khozyaystva.
(Furniture) (Plastics)

DEM'YANOVSKIY, Konstantin Il'ich, kand. tekhn. nauk;
BYZOV, Vasilii Ivanovich, inzh.; KRYUCHKOV, A.M., red.

[Ways for increasing the wear resistance of saws] Puti povy-
sheniia iznosostoičnosti pil. Leningrad, 1963. 20 p. (Lenin-
gradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym
opytom. Seriya: Derevoobrabatyvaiushchaja promyshlennost',
no.6) (MIRA 17:4)

BALAKHOVSKIY, Leonid Moiseyevich; MINKOV, Isay Abramovich;
KRYUCHKOV, A.M., red.

[Mechanized continuous production line for the veneering
of furniture panels] Potochno-mekhanizirovannaya liniya
fanerovaniya mebol'nykh shchitov. Leningrad, 1966. 11 p.
(MIRA 18:7)

MOROZOV, Nikolay Aleksandrovich, kand. tekhn. nauk; KRYUCHKOV,
A.M., red.

[Automation of the conveying operations between machines
in woodworking enterprises] Avtomatizatsiia mezhstanochno-
nogo transporta na derevoobrabatyvaiushchikh predpriatiiakh.
Leningrad, 1965. 36 p. (MIRA 18:7)

137 AND 138 SERIES *A.P.* 140 AND 141 SERIES

KRYUCHKOV, A.P. *PROPERTIES AND*

BC *B-#-5*

Influence of water in technical rectified butadiene from its polymerization with metallic sodium: A. P. Kryuchkov and V. P. Sematalov (Soviet. Kautschuk, 1962, No. 7, 15-16).—Technical butadiene (butadiene 63-66, AcOH 0-01-0-02, and H₂O 0-03-1-00%) was polymerized with Na. With increase in H₂O, the time of reaction increased from 48 to 144 hr., "swelling" from 2 to 204%, and plasticity from 0-06 to 0-73. Ch. Ann. (r)

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

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~~SECRET~~ KRYUCHKOV, N. P.

PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

AID 176 - I

BOOK

Call No.: TS1925.K65

Author: KRYUCHKOV, A. P.

Full Title: GENERAL TECHNOLOGY OF SYNTHETIC RUBBERS

Transliterated Title: (Obshchaya tekhnologiya sinteticheskikh kauchukov)

Publishing Data

Originating Agency: None

Publishing House: State Scientific-Technical Publishing House of Chemical Literature (GOSKHIMIZDAT)

Date: 1952

No. pp.: 364

No. of copies: 7,000

Editorial Staff

Editor: Frishman, R. A.

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Text Data

Coverage: The book covers principles of physics and chemistry; basic information on modern methods of manufacturing synthetic rubber; preparation of starting materials for the manufacture of synthetic rubber; polymerization of monomers; separation of the polymer from the latex; and treatment of the polymer. Flow sheets of several processes and diagrams of apparatus are included. Safety technique and the organization and economics of production including wage scales are discussed.

This is a good textbook, but on an elementary level.

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