

Mass-Spectrometric Investigation of the Sublimation
of Sodium Chloride, by L. N. Gorokhov,
Yu. S. Khodeyev, P. A. Akishin, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 12, 1958,
pp 2597 2598.

US Dept of Commerce
National Bur of Standards

Sci - Chem
May 61

148,774.

Catalytic Isomerization of Unsaturated Hydrocarbons.
XIX. Isomerization of Unsaturated Five- and Six-
Membered Cyclic Hydrocarbons With a Double Bond in
the Side Chain, by R. Ya. Levina, E. M. Mezentsova,
P. A. Akishin, 8 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,
April 1953, pp 562-568.

Consultants Bureau Tr

Scientific - Chemistry

13, 211

The Use of a Standard Mass Spectrometer in the
Investigation of the Evaporation of Low-
Volatile Substances, by P. A. Akishin, L. N.
Gorokhov, O. T. Nikitin, et al, 4 pp.

RUSSIAN, per, Priboiy i Tekh Eksper, No 4,
1960, pp 98-101.

ISA

155,192

Sci

May 61

An Electronograph for Investigating the Molecular
Structure of Compounds Difficult to Volatilize,
by P. A. Akishin, M. I. Vinogradov, K. D. Danilov,
N. P. Levkin, E. N. Martinson, N. G. Rambidy, V. P.
Spiridonov, 5 pp.

RUSSIAN, per, Pribery 1 Tekh Eksper, No. 2,
1958, pp 70-74.

Instru Soc of Amer

Sci

Apr 60

113,508

Contact Transformations of Propylcycloheptane in the
Presence of Platinized Carbon, by S. I. Khromov, E. S.
Balenkova, P. A. Akishin, B. A. Kazansky, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 8
1954, pp 1360-1363, CIA C 41477

Consultants Bureau

33,300

Scientific - Chemistry
Apr 56 CTS/dex

Electron-Diffraction Study of the Structure of
Beryllium Halide Molecules, by P. A. Akishin, V. P.
Spiridonov, G. A. Sobolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1134-1137.

Consultants Bureau

Sci - Chem
Dec 58

77,475

Electron Diffraction Studies of the Molecular
Structure of Rubidium and Potassium Halides, by
P. A. Akishin, N. G. Rambidi, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 4,
1959, pp 718-723.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,502

Electron-Diffraction Investigation of the Structure of
the Chloroprene Molecule, by P. A. Akishin, L. V.
Vilkov, V. M. Tatevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1,
1958, pp 117-120.

Consultants Bureau

Sci - Chem
Dec 58

77,449

Electronographic Investigation of the Structure of
the Molecule of Lithium Oxide, by P. A. Akishin, H.
N. G. Rambidi, 4 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXVIII, No 5,
1958, pp 973-976.

Consultants Bureau

Sci - Chem
Dec 58

77,468

The Catalytic Dehydration of 2,2,5,5-Tetraalkyl-
and 2,5-Dialkylfuranidines in an Atmosphere
of Hydrogen Sulfide, by Yu. K. Yuryev, G. Ya.
Kondratyeva, P. A. Akishin, A. A. Derbeneva, 8 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2,
Feb 1957, pp 339-346.

2

Consultants Bureau
~~XXXXX~~ 142 West 42nd Street
New York 18, N.Y.

1954

Scientific - Chemistry

May 53 CMB

Synthesis of Olefin, Paraffin and Cycloparaffin Hydrocarbons. VII. Transformation of Dienes Into Cyclopropanes. Synthesis of 1, 1, 2, 2-Tetramethyl Cyclopropane, by R. Ye. Leviha, B. M. Gladshtein, P. A. Akishin, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIX, No 6, Jun 1949.

CIA/YDD/X-427

Full Tr in Lib

Scientific - Chemistry Nov CTS

12,914

The Intensity of Bands of Valence Vibration of
The $C \equiv C$ Bond in Raman Spectra of Hydrocarbons,
by P. A. Akishin, V. M. Tatevskiy, 9 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk, USSR,
Vol LXXXIX, No 2, 11 Mar 1953, pp 287-289.

SLA R-2767

CIA/FDD/KX-92

IAC INTERNAL USE ONLY

31,158

Scientific - Chemistry

Feb 56 CTS/DEX

NOT RELEASABLE TO FOREIGN NATIONALS

Electron Diffraction Study of the Structure of
Vinyl Chloride and Trichlorofluoroethylene, by
P. A. Akishin, L. V. Vilkov, Yu. I. Vesnin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No ²~~3~~⁶
1959, pp 310-313.

CB

Sci
Aug 60

124, 205

Electron Diffraction Study of the Structure of
the Boron Sulfide Molecule, by P. A. Akichin,
Spiridonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1317-1320.

CB

Sci

Oct 60

130,039

Isomerization of Methylcyclohexane and Ethyl-
cyclohexane in the Presence of Aluminum Chloride
Under Pressure of Hydrogen, by A. F. Plate,
L. V. Tarasova, P. A. Akishin, 6 pp.

RUSSIAN, no per., Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 479-484. CIA C 35388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27,968

Electronographic Study of the Structure of the
Molecule. III. Cadmium Halide, by P. A. Akishin,
~~and co-workers~~, 6 pp.

RUSSIAN, no par, Zhur Fiz Khim, Vol XXX, No 1,
1956, pp 155-160

Tech and Comm Tr

Sci - Chemistry

37,252

Aug 56 CTS/Dex

83
Electron Diffraction Study of the Molecular
Structure of I_2 -Halides, by P. A. Akishin,
V. A. Kuznetsov, 6 pp.
RUSSIAN, per, Handbook of Physical Chemistry,
Khimiya i Khimicheskaya Tekhnologiya, 1959,
pp 5-7.
AEC ARL Tr-349

P. A. Akishin

321,974

Sci - Chemistry
Jul 67

Effect of Transplantation of the Spleen on the
Calcium Content of the Blood Serum,
by P. M. Kaplan, M. I. Akishin, L. M. Turabian.
6 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenov,
Vol XLVI, No 12, 1960, pp 1497-1501.

PP 171,004

Sci

Oct 61

TT-65-62855

Field 111

Akita, T.; Nagai, T.; Oishi, S.
PROCESS FOR PREPARATION OF UNSATURATED POLY-
ESTER RESINS. 15 Apr 65, 14p.
Order from CFSTI, SLA, or ETC: HC\$1.60, MF\$0.50 as
TT-65-62855

Trans. of Patent (Japan) pub. 33-5848.
Patent class 26 D 6 (25 H O), published 31 Jul 58; appl. no.
Showa 30-2671, filed 17 Jan 55 by Riken Gosei Jushi
Kabushiki Kaisha.

I. Patent Office,
Washington, D. C.

Consideration at the Design Stage of Brittle
Fractures in Welded Structures, by Y. Akita,
12 pp.

Nihon Kikai Gakkai-shi
JAPANESE, per, Journal of Society of Mechanical
Engineers, Vol LXIII, 1960, pp 1632-1640. 9213602

AEC-TRG-Inf-Ser-88(R)

NLL (LOAN) Ref: 90919 1963 (TXG15 18)

Sci - Engineering
Nov 63

241.551

Three Dimensional Buckling of a Broken Roll,
by M. Yu. Akivenson. UNCLASSIFIED

RUSSIAN, per, Nauch Zap Odessk Politekh In-ta,-----
Vol V, No 2, 1955, pp 81-85.

TIL Tr 4876

Sci - Eng
Jun 58 58

64, 511

On n-Dimensional Surfaces Bearing a Net of Conjugate
Lines, by M. A. Aivis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, 1961,
pp 1279-1282.

Amer Math Soc

Sci

201,081

Jun 62

62
The Use of Ammonia as a Neutralizing
Agent in Marine Diesels Operating
on Sour Fuel, by Yu. M. Akivis,
G. N. Kharin, et al, 4 pp.
RUSSIAN, per, Khimiya i Tekhnologiya
Topliv i Masel, No 4, 1964, pp 49-50.
9700736
Dept of Navy/ONI Tr no 2181

Yu. M. Akivis

Sci-Chem
Jun 66

302,156

Studies on the Lipid of Rice, by T. Akiya,
O. Nakayama,
JAPANESE, per, Shokuryo Kenkyu Hokoku,
No. 12, 1957, pp 71-2
SLA TT-66-10843

T. Akiya.

330, 780

Sci - Materials
Jul 67

Chemical Analysis of Beryllium X., by T.
Akiyama.

JAPANESE, per, Japan Analyst, Vol III, No 1,
1954, pp 53-57.

T.I.L. T.4690

Sci - Chemistry

36,918

Aug 1956

Studies on γ -Butyrolactone Derivatives. I. Synthesis
of γ -Amino- γ -Butyrolactone, by R. Sudo,
Y. Akiyama, 13 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV,
1953, pp 1009-1011.

SLA 60-14123

Sci

169, 071

Sep 61

Vol III, No 9

A Study on Countersinking of Aluminum Sheet
(Part I): Relationship Between Countersink
Geometry and Chisel Edge Angle of Drill,
by Saigeo Zaiwa, Akiyasu Yuki, 18 pp.
JAPANESE, per, Keikinzoku, Vol 15, No 4, 1966,
pp 11-19.

GOVERNMENT USE ONLY

ARM/RSIC/Tr-553-68

Akiyasu Yuki

Sci/At
Dec 68

354,039

Terylene. Part 1. Synthesis of Terephthalic Acid,
by S. Akiyoshi, et al.

JAPANESE, rpt, Technol Rept, Kyushu Univ, Vol XXIV,
No 1, 1951, pp 16-20.

Assoc Tech Serv ~~HJ~~-1461
A

Sci - Chem

Apr 59

85,596

The Intraocular Pressure of Healthy Human
Eyes, by W. Leydhecker, K. Akiyama, H. G.
Neumann, 12 pp.

GERMAN, per, Klin Monatsblätter Augenheilk,
Vol CXXXIII, No 5, 1958, pp 662-670.

NIH Tr 9-25-60

Sci - Med

Nov 60

131,335

61-10491

Akiyoshi, Saburo, Hashimoto, Shizunobu, and Takami, Kazuhide.

SYNTHESIS OF TEREPHTHALIC ACID POLYAMIDES. Rept. 3 of Studies on Synthetic High Polymers from Terephthalic Acid and its Derivatives. [1960] [11 p. 15 refs.

Order from SLA mi\$2.40, ph\$3.30 61-10491

Trans. of Kogyo Kagaku Zasshi (Japan) 1954, v. 57, no. 3, p. 212-214.

Ethylenediamine, tetramethylenediamine, hexamethylenediamine, octamethylenediamine and decamethylene-diamine were synthesized and polymerized with terephthalic acid. The best method for obtaining polyamides was to react terephthalic acid with the diamine in water and condense the resulting diamine ammonium terephthalate in p-cresol at 218°C. Spinnability was demonstrated from hexamethylenediamine on, and products with a high degree of polymerization were obtained. The melting points ranged between 300° to (Materials--Textiles, TT, v. 5, no. 10) (over)

1. Amide polymers--Synthesis
2. Terephthalic acid--
Condensation
3. Amines--Condensation
 - I. Akiyoshi, S.
 - II. Hashimoto, S.
 - III. Takami, K.
 - IV. Title: Studies...

Office of Technical Services

TT-65-14027

Field 7C

Akiyoshi, S.; Tashiro, N.; Kanayama, S.
LIQUID PHASE OXIDATION BY OXYGEN OF PHENYL-
CYCLOHEXANE AND DECOMPOSITION OF 1-PHENYL-
CYCLOHEXYL HYDROPEROXIDE. 16p (figs omitted)
14refs.
Order from SLA: \$1.60 as TT-65-14027

Trans. of Kogyo Kagaku Zasshi (Japan) v60 n4 p268-72
1957.
Another trans. is available from K-H \$20.00
as K-H 11949-a, 16p.

MR 670

Terylene. Part 1. Synthesis of Terephthalic
Acid, by S. Akiyoshi, S Hashimoto, et al, 4 pp.

JAPANESE, per, Kyushu U Kagaku Iho, Vol XXIV,
No 1, 1951, pp 16-20.

Assoc Tech Serv 66X26J
6.10

Sci - Chem
OTS I, 4
Apr 59

85, 244

Part 4. Synthesis of Terephthalic acid Derivatives
and Their Polycondensation. I., by S. Akiyoshi,
M. Okamura, S. Bashimoto, 7 pp.

JAPANESE, per, J Chem Soc Japan Ind Chem Sect (Kogyo
Kagaku Zasshi) Vol LVII, No 3, pp 214-216, 1954.

Assoc Tech Serv -95H11J
Assoc Tech Serv -1462

Sci - Chem

Aug 58

SLA: CHN470

70,508

61-10832

Akiyoshi, Saburo, Matsuda, Tsutomu, and Murata,
Junichi.

DIRECT SYNTHESIS OF N-VINYLPHTHALAMIDE BY
THE NORMAL PRESSURE VAPOR PHASE METHOD.
Rept. 1 of Studies on N-Vinyl Compounds. [1961] 8p.
5 refs.

Order from SLA \$1.10

61-10832

Trans. of Kogyo Kagaku Zasshi (Japan) 1953, v. 55,
no. 6, p. 440-441.

DESCRIPTORS: *Resins, Synthesis, Vinyl radicals,
Amines, *Phthalimides, Polymers, Catalysts.

I. Akiyoshi, S
II. Matsuda, T.
III. Murata, J.
IV. Title: Studies...

Office of Technical Services

(Materials--Plastics, TT, v. 6, no. 1)

Heat Propagation in a Piecewise Nonhomogeneous Two-
Dimensional Medium. Proof of the Theorem of
Existence, by Akizhanov.
RUSSIAN, per, Iz Ak Nauk Kazakh SSR, Seriya Fiz.
Matemat Nauk, No 2, 1964.
Navy/APL J523

P 97

Sci-Math
Mar 65

Heat Propagation in a Piecewise-Homogeneous Two-
Dimensional Medium, by A. Akizhanov.
RUSSIAN, per. fr Ak Nauk Kazakh SSR, Ser. Fiz. Matem.
Nauk, No 2, 1964, pp 43-47.
Dept of Navy Tr 1297/APL T-1460

Sci- Phys
Nov 65

202,749

NCH-200 652

Field 13L, 9C

Akkerman, F. M.

STANDARDIZATION, NORMALIZATION AND CLASSIFICATION OF EXPLOSIONPROOF ELECTRICAL EQUIPMENT (Standartizatsiya, Normalizatsiya i Tipizatsiya Vzryvobezopasnogo Elektrooborudovaniya).
Tr. by L. Meyer. Nov 64, 6p. SMRE-Trans-4955.
Order from NLL

Trans. of Elektrotehnika (USSR) v34 n12 p54-5 1963.

I. Safety in Mines Research
Establishment,
Buxton (England)

142
Using the Monte Carlo Method for Calculating the
Passage of Gaseous Quanta Through a Substance, by
A. E. Akkerman, D. K. Kalpov, 16 pp.
RUSSIAN, per, Trudy Inst Yadern. Fiz. Ak. Nauk Kaz.
SSE, 9227149, Vol III, 1960, pp 105-114.
AEC OCNL-tr-336

292,679

Sci-Pays
Nov 65

A. F. Akkerman

Monte-Carlo Calculation of the Passage of
 γ -Radiation From a Plane Cs^{137} Source
Through Aluminum Under Conditions of Barrier
Geometry, by A. F. Alderman, D. K. Kaipov,
5 pp.

RUSSIAN, per, Atom Energ, Vol X, No 4, 1961,
9672004

FTD MCL-1208/1

Sci - Phys

176, 400

18 Dec 61

On a Combination of Leukosis With Pregnancy,
by V. V. Akkerman, 5 pp.

RUSSIAN, per, Klin Med, Vol XXXVIII, No 1,
1960, pp 103-107. 9208187

NIH 5-27-63

Sci - Biol & Med Sci
Jun 63

234,244

Possibility of Preventing Malarial Infection in
Blood Transfusions Based Upon the Study of
Bactericidal Properties of Conserved Blood in Re-
lation to the Malarial Plasmodium, by V. V.
Akkerman, A. N. Pilatov, 3 pp.

RUSSIAN, per, Sovetskaya Khirurgiya, Vol VII, Nos
2, 3, 1934, pp 462-472.

20,402

S.A. 10/10/4
Sci Trans Center
RT-1706

Scientific - Medicine

Dec 54 CTS/DEM

**Tuberculosis of the Spleen Combined With
Thrombocytopenic Purpura, by V. V. Alderman,
V. P. Teodorovich, 4 pp.**

**RUSSIAN, par, Problemy Onkologii i Pereliv
Krovi, Vol VI, No 3, 1961, pp 30-33.**

PP

Sci

Jul 62

204,618

THE ROLE OF HEREDITARY FACTORS IN THE ETIOLOGY OF
LEUKEMIA IN NON FAMILIAL LEUKEMIA, BY V. V. ABRAMOV,
10 PP.

RUSSIAN, PER, PROBLEMY GENETIKI I PERELIVANIYA
KROVI, VOL VIII, NO 8, 1963, PP 3-8, 22-25, 53-56,
57-58.

PER 21910

SCI-BIOL & MED
NOV. 63

241,230

The Significance of Various Vibrions for Bovine Sterility, by J. Akkermans.

DUTCH, per, Tijdschrift Voor Diergeneeskunde,
Vol LXXXI, No 9, 1956, pp 430-435. u

CSIRO-3135

Sci

Aug 59

95, 172

In Search of the Lomonosov Mountain Range; Notes of
an Arctic Region Navigator, by V. Akkuratov

RUSSIAN,

p 18

*AID(~~may be~~)

USSR

Scientific - Geophysics

Measuring Courses in Polar Regions, by
V. Akkuratov, 5 pp.

RUSSIAN, per, Vest Vozdushnogo Flota,
No 4, 1955, pp 42-44, Encl to IR-1013-55.
CIA D 306557.

AF 684694

USSR
Mil
Sci - Aeronautics

29,618

ing
Determining the Flight Course of an ~~Airplane~~ Airplane in
the Circumpolar Region, (5 pp) by V. Akkuratov,

RUSSIAN, no per, Vest Voz Flot, No 4, 1955, CIA
563983.

ATIC-F-TS-8665

USSR

Mil

Sci - Aero

Feb 57 CIS

44, 053

V. Akkuratov,
The Wandering Islands, (Concerning Exploration
for the Arctic drifting islands), 6 pp,
UNCLASSIFIED

RUSSIAN, per, Vokrug Sveta, No 6, 1954, p 17,
Encl to IAI-386-54, USSR, 23 Nov 1954,
AFOIN, CIA D-113191

26,510
USSR

Geographic

AF 637708

Feb 55 CTH

On the Drifting Ice, by V. Akkuratov,
RUSSIAN, per, Vokrug Sveta, No 8, 1954, pp 9-13.

~~Am~~ Nat Society TT-1

Sci

Dec 59

103,486

On the Drifting Ice by V. Akkuratov, 3 pp.

RUSSIAN, per, Vokrug Sveta, No 8, 1954, Encl to
AFOIN 1A1-423-54. CIA D 136846 pp 9-13.

AF 644973

Air Res and Dev Command TT 24R

23,930

TTIRU

Scientific- Geophysicx

Ami Met Soc TT-194

S-49/63

The Solar Service, by T. Akkuratova. (NY-7466) 280,

RUSSIAN, np, Trud, 8 Jul 1962, p 4.

*JPRS / NY-7466

Sci - Astronomy

Jan 63

221,283

Organization of the Production of Standard Analyzed
Samples for Use in the Spectrochemical Analysis of
Ferrous Metals, by M. I. Akland, 3 pp.

RUSSIAN, bimo per, Iz Ak Naek SSSR, Ser Fiz, Vol V,
No 2/3, 1941, pp 328-330.

Sci Trans Center INT 3239

Sci - Physics

32,054

Akmaev, I. G.
CHANGES IN ADENOHYPOPHYSIS FOLLOWING
EXCISION OF SUPERIOR CERVICAL SPINAL
GANGLIA. Jan/Feb 64, 5p
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T117-T121)

Trans. of Arkhiv Anatomii, Gistologii i Embriologii
(USSR) 1962, v. 43, no. 9, p. 23ff.

DESCRIPTORS: Endocrine glands, *Pituitary gland,
Excision, *Ganglia, Secretion, *Autonomic nervous
system, *Hormones.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T117-T121)

I. Akmaev, I. G.
II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

280537

Office of Technical Services

The Effect of Deafferentation of the Anterior
Pituitary Lobe on the Secretory Cycle of Its
Cells, by I. G. Akmayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 3, 1959, pp 611-613.

Amer Inst of Biol Sci

Sci

119,194

Jun 60

(NY-3000)

COMPLETE UTILIZATION OF THEORES FROM THE
SHANLUG DEPOSIT, BY S. ARMAYEVA, S.
PETROSYAN, 5 PP.

RUSSIAN, PER, PRM' ARMENII, NO 2, 1962,
PP 49-51.

JFRS 13935

USSR
ECON
SCI - MIN/MET
JUN 62

197,515

B.K. Akmedov

28

(NY-6499)

Electronic Device for Coplanar Motion of a Plane
With High Degree of Accuracy, by A. A. Ya. Alumentyn'
sh, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO
Radiotekh, Vol IV, No 6, Nov/Dec 1961, pp
729-731.

JPRS 13849

Sci
May 62

197,376

Interaction Between Relativistic Electrons and
UHF Electric Field in Klystron Output Cavity by
Ya. Ya. Akmentyn'sh, I. M. Bleyvas, 9 pp.

RUSSIAN, per, Radio i Elek, Vol VIII, No 11,
1963.

IEEE

Sci
Sept 64

266,680

Integral Electron-Energy Distribution at the Transit
Klystron Output Cavity (Static Transit Angle in the
Gap Distinct From Zero), by Ya. Ya. Akhrentyn'sh,
I. M. Kleivas, I. R. Gekker, 6 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12,
1959, pp 2047-2050.

FP

Sci -
Apr 61

146,578

Infrared Absorption Spectra of Hydroxyfluoroboric
Complexes of Potassium and Sodium, by H. V. Alkma-
nova, G. E. Kurilenikova, 3 pp

RUSSIAN, per, Optika i Spektro, Vol VIII, No 4,
pp 498-504

USA

Sci
May 1960

151,050

State of Rest and Degree of Transformation of Marijuana in the
Cells of Agricultural Plants, by E. Akimov, T. Pustovalova.
RUSSIAN, per, Shornik: Fiziol. Ustotchevleni Nast. Ak. Nauk
SSSR, 1960, pp 207-211.

CSIRO/No. 104383

Sci - Biol

Feb 64

189,135

Artificial Methods of Obtaining High Power for the
Investigation of Arc Extinction Devices, by M. M.
Akedis, 12 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1958, pp 42-47.

HP

Sci

Feb 61

139,056

R-2132

(DC-2165).

An Attempt to Establish the Minimum Family Budget
(Poland), by Stanislaw Akolinski, 16 pp.

POLISH, per, Przegląd Zagadnień Socjalnych; Vol.
VII, No 2, Warsaw, Feb 1957, pp 1-10.

US JPRS/DC-L-879

REur - Poland

Econ - Living Costs

75,000

Use of Manganese Ore in the Scrap-Ore Process, by
E. D. Ahol'tsev, V. B. Kaplan, 3 pp.

RUSSIAN, per, Metallurg, No 3, 1958, pp 11, 12.

Consultants Bureau

Sci - Min/Met

Dec 58

77,486

Study of the Stress Corrosion of Steel Used in
Steam Generators of Atomic Electric Power Plants,
by P. A. Akol'zin, L. V. Korneyeva,

RUSSIAN, bk, Izucheniye Korrozii Pod Napryazheniyem Si-
Staley Primenitel'no k Rabote Parogeneratorov
Atomnykh Elektrostantsiy, 1960, pp 3-23.

*AEC

Sci -
Aug 61
List 56

112
Methods of Investigating Corrosion and Electro-
chemical Process at High Temperatures and Pres-
sures, by P. A. Akol'zin and V. Gerasimov,
RUSSIAN, bk, Corrosion of Constructinal
Materials of Nuclear and Conventional Power
Plants, Chapter 2, 1963, pp 56-93.
NLL 9822.09 (4000)

2 P AKOL'ZIN

Sci-Nucl Sci & Techn
Apr 67

324,176

63-15697

I. Akolzin, P. A.

Akolzin, P. A.
· PREVENTION OF ACCUMULATION OF CORROSION
PRODUCTS IN STEAM BOILERS (Predotvrashchenie
Nakopleniya Produktov Korrozii v Parovykh Kotlakh)
[1962] 13p. (foreign text included) 4 refs.
Order from OTS or SLA \$1.60 63-15697

Trans. of Elektricheskie Stantsii (USSR) 1962 [v. 33]
no. 3, p. 14-17.

DESCRIPTORS: *Corrosion, *Boilers, Steam, Feed
water, Copper, Iron compounds, Oxides, Carbonic
acids, Scale, *Corrosion inhibition, Coatings, Corro-
sion-resistant alloys, Water softeners, Water filters,
Cellulose.

(Metallurgy--Corrosion, TT, v. 10, no. 3)

Office of Technical Services

CEA-tr-R-1639 Uncl.

CORROSION DES MATÉRIAUX POUR RÉACTEURS.
II. FACTEURS PRINCIPAUX DE LA CORROSION D'UN
METAL SOUS CONTRAINTE. (Corrosion of Reactor
Materials. II. Principal Factors in Corrosion
of a Metal Under Stress). P. A. Akol'zin and
V. N. Gulyaev (Guliaev). Translated into
French from Korroziya Reaktornykh Materialov,
Sb. Statei, 69-77(1960). 18p. 7203629

Corrosion; Metallurgy; Reactor Materials;
Translations MC-25

C-25 NP NSA Dep.(mc); \$1.60(fs), \$0.80(mf)
N-5 JCL or S

63-23483

Akol'zin, P. A., and Gulyaev, V. N.
CORROSION DES MATERIAUX POUR REACTEURS.
II. FACTEURS PRINCIPAUX DE LA CORROSION
D'UN METAL SOUS CONTRAINTE (Corrosion of
Reactor Materials. II. Principal Factors in Corrosion
of a Metal Under Stress) tr. by de Trezviniski.
24 Mar 62 [13]p. 13 refs. CEA-tr-R1639 (text in
French).

Order from OTS or SLA \$1.60

63-23483

Trans. in French of mono. Korroziya Reaktornykh
Materialov: Sb[jornik] Statei (Corrosion of Reactor
Materials: Collection of articles) Moscow, 1960,
p. 69-77.

DESCRIPTORS: *Reactor materials, *Corrosion,
Metals, Stresses.

(Metallurgy--Corrosion, TT, v. 10, no. 9)

I. Akol'zin, P. A.
II. Gulyaev, V. N.
III. Title: Facteurs ...
IV. Title: Principal ...
V. CEA-tr-R1639
VI. Commissariat a l'Energie
Atomique (France)

Office of Technical Services

Intercrystalline Corrosion of Metals in Steam
Boilers, by P. A. Akol'zin, G. R. Liberman.

RUSSIAN, bk, Moscow, 1955, 124 pp.

1696
Navy Tr ~~1487~~ BuShips 630

Sci - Min/Met

Jun 57

48,265

Prevention of Oxygen Corrosion by Means of
Hydrazine, by P. A. Alkol'sin, D. A. Danilenko,
B. A. Koleszny, M. A. Kulakov, I. Kh. Shmilovich
5 pp. 10

RUSSIAN, per, Teploenergetika, Vol IV, 1957,
p 96.

AEC NP 120

Sci --Chem

Oct 58

74,598

Prevention of Oxygen and Carbon Dioxide Corrosion
of Power Equipment by Means of Octadecylamine, by
P. A. Akol'zin, et al.

RUSSIAN, per, Teploenergetika, Vol V, No 10, 1958,
pp 54-55.

NLL M. 1456

Sci - Chem

174, 988

Dec 61

NSF-62-35(2) Unc1.

INVESTIGATION OF THE STRESS CORROSION OF STEEL
IN REGARD TO THE OPERATION OF THE STEAM
GENERATORS OF ATOMIC POWER PLANTS. A trans-
lation of "Izuchenie Korrozii pod Napryazheniem
Stalei Primenitel'no k Rabote Parogeneratorov
Atomnykh Elektrostantsii." P. A. Akol'zin and
L. V. Korneeva (U.S.S.R. Sovet Ministrov.
Glavnoe Upravlenie po Ispol'zovaniyu Atomnoi
Energii, Moscow). 1960. 21p.

Metallurgy; Reactor Materials; Translations
MC-25

C-25 P NSA Dep.(mc): \$2.60(fs), \$0.83(mf)
N-5 SLA or S

Treatment of Water With Hydrazine for the
Prevention of Corrosion of Steam Boilers, by
P. A. Akolzin, 14 pp.

RUSSIAN, per, Toploenergetika, No 7, 1960,
pp 59-64.

Dept of Interior
TC7 E57 No 49

Sci - Engr
Feb 63

221,410

61
Method of Investigating Corrosion by Measuring the
Electrical Resistance of Specimens, by
P. A. Abulkin, B. M. Ivanov.
RUSSIAN, part, Tekhnicheskaya, Vol. X, No. 1, 1963,
pp 8-12.
CEGB 1216

Sci - Engr
Apr 64

1155,112

~~Enter~~ Table of Contents of the Book, "Intercrystal-
line Corrosion of Metals in Steam Boilers, by
P. A. Akol'zin, G. R. Liberman, 3 pp.

RUSSIAN, bk, pub by Izdatel Kommunal' Khoz RSFSR,
Moscow, 1955.

Navy Tr 1427/NRL 584

USSR

Sci - Engineering

Dec 56 CTS

41, 226

SLR R-579/
67

Plant for desorption-Deoxygenation of
Water, by P. A. Akol'zin. 70
RUSSIAN, per, Teploenergetika, Vol 4,
1957, No 12, pp 54-57.
NLL Ref: 9022.09 (4894)

P. A. Akol'zin

Sci-Chem
May 69

380,699

Pre-discharge Current Pulses at Reduced Pressures,
by L. A. Akol'zina, 7 PP.

RUSSIAN, per, Radiotekhnika i Elektron, Vol IX, No 9,
1959, pp 1534-1537.

PP

134,888

Sci

Dec 60

Microhardness of Siliconized Cases, by H. S. Gorbunov,
A. S. Akopdzanyan, N. A. Izgeryshev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,
No 2, 1953, pp 285-286.

Brutcher Tr 3167

Scientific - Minerals/Metals

Price \$1.60 - Nov 53CTS

7277

Diffusion Coating With Silicon, by H. S. Gorbunov,
A. S. Akopdzhanyan, 4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 5,
May 1956, pp 655-658.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CTS

44, 228

Properties of Silicon Diffusion Coatings, by A. S.
Akopdzhanyan, N. S. Gorbunov, 4 pp.

RUSSIAN, ~~№ 44~~, Zhur Prik Khim, Vol XXIX, No 5,
May 1956, pp 659-663.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CTS

44, 229

(DC-2300/57).

Honorable Duty, by A. Akopov, 2 pp.

RUSSIAN, np, Sovetskiy Patriot, 18 Sep 1960, p 2.

*JPRS 80 97

USSR

Mil - Civil Defense

27 Feb 61

The Need of Standard Fountain Well Fixtures,
by A. A. Akopov, P. I. Yastrebov.

RUSSIAN, no per, Neft Khoz, Vol XXXIII, No 5,
1955, p 48.

Technical and Commercial Tr

30,747

Scientific - Engineering

Jan 56 CTS/DEK

The Ternary System of the Chlorides of Lithium,
Sodium, and Potassium, by E. K. Akopov, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 5,
1956, pp. 1019-1025. ✓

AEC-Tr-4586

Sci

Apr 63

342,815

342,805

X Fusion Diagram for the Quaternary Reciprocal
System Li, Na, K | Cl, SO₄, by E. K. Aleksov,
6 pp.

~~FR~~

RUSSIAN, par, Zhur Neorgan Khim, Vol V, No 7,
1960, pp 763-768.

Cleaver-Hume

Sci

157, 302

Jun 61

Complex Compounds in the Reciprocal Lithium, Sodium,
and Potassium Chloride - Sulphate Quaternary System,
by E. K. Alapov, A. G. Bargman, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 6, 1960,
pp 1257-1266.

Cleaver-Hume Press

~~Availability~~ *ATIC NCH-755/2

Sci

Mar 61

142,354

The Problem of the Topology of Ternary Systems With
Complex Formation and With Solid Solutions, by A. G.
Bergman, E. K. Akopov, 6 pp.

RUSSIAN, par, Zhur Neorgan Khim, Vol II, No 7,
1957, pp 1543-1546.

AEC-tr-4057

Sci - Chemistry

Dec 60

PST 84

134,111

The Sodium, Potassium, and Thallium Sulphates
Ternary System, by E. K. Akopov, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 5, 1961,
pp 1211-1218.

Cleaver-Hume Press

Sci

Jul 62

203,090

Complex Formation and Phase Transformation in the
~~NEW~~ Reciprocal Quaternary System of the Chlorides
and Sulfates of Lithium, Sodium, and Potassium, by
E. K. Akopov, A. G. Bergman, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
pp 549-552.

CB

126,390

Sci
Aug 60

Fusion Diagram for the Li, Na, K//SO₄ Ternary
System, by E. K. Akopov, A. G. Bargman, 3 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 5,
1959, pp 1146-1152.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,439

Physico-Chemical Investigation of the Reaction of
Titanium Tetrachloride with the Esters of Monobasic
Acids. V. Reaction of Titanium Tetrachloride with
n-Propyl Acetate and n-Butyl Acetate, by G. A. Osipov,
Yu. A. Lysenko, E. K. Akopov, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 2,
1955, pp 249-254. CIA D 151346

Consultants Bureau

Scientific - Chemistry

25,358

Reversible-Adiagonal System of Sodium and
Potassium-Chlorides and Sulfates, by E. K.
Akopov, A. G. Bergman, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 9, Sep 1954, pp 1524-1531. CIA C 42159.

Consultants Bureau

Sci - Chemistry

35,157

Jun 1956/Dex