

103
Erosion of the Electrodes of Pulsed Plasma
Accelerators, Part 1: Anode, by
B. B. Mokshantsev.
RUSSIAN, per, Izvestiya VUZ Fiz, Vol 11,
No 6, 1968, pp 46-51.
NASA TT F-12,080

B. B. Mokshantsev

Sci-Phys
Apr 69

379,494

Erosion of the Electrodes of Pulsed Plasma
Accelerators, Part 2: Cathode, BY

B. B. Mokshantsev.

RUSSIAN, per, Izvestiya VUZ Fiz, Vol 11,

No 6, 1968, pp 52-53.

NASA TT F-12,081

B. B. Mokshantsev

Sci-Phs

Apr 69

379,495

67
Tectonic Structure of the Yakut ASSR, by
K. B. Mokshantsev,
RUSSIAN, bk, Tektonicheskoye Stroyeniye
Yakutskoy ASSR, 1964, 290 pp.
ACIC TC-1148

K. B. Mokshantsev

Sci-Ear Sci
Sept 67

341,347

Results of Analysis of the Workout Chisel in
Intervals at the Mukhanovskiy Field, by A. B.
Mokshin.

RUSSIAN, per, Neft ~~Mag~~, Vol IV, 1957, pp 6-12.

Tech and Com
\$85.00
50

Sci - Engr

Apr 58

61,512

Processus Cinetiques dans une Substance Irradiee,
by M. A. Mokulskiy, 22 pp.

RUSSIAN to FRENCH, per, Vysokomolekulyarnyye
Soyedineniya, Vol II, 1960, pp 119-129. 9093414

Reverse Translation
CEA Tr No R-1400

Sci
21 May 62

Anisotropy of Hyperfine Splitting of Electronic
Paramagnetic Resonance Spectra of Irradiated
Oriented Polymers, by A. G. Kiselev, M. A. Mokul'skiy,
Yu. S. Lazurkin, 20 pp.

RUSSIAN, bk, Anizotropiya Sverkh-tonkogo Raschech-
pleniya v Spektre Elektronogo Paramagnitnogo
Rezonansa Osluchennykh Orientirovannykh Polimerov,
1960. 9094423

AEC Tr-4709

176, 8.25

Sci - Phys
Dec 61

Reversible Radiation-Mechanical Effects in
Polymers, by M. A. Mokul'skiy, Yu. S. Lur-
urkin, M. B. Fiveishiy, V. I. Kozin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXV,
No 5, 1959, pp 1007-1010.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 2

Sci

Dec 59

101,843

Abstract of
Low Temperature Relaxation and Mechanical Losses in
Polymers, by M. A. Mokulsky, Yu. S. Lazurkin

S. I. Vavilov-
Institute of Physical Problems Acad. Sci., USSR

CIA/FDD X-2731

Quick and Easy Estimation of Stability After
Flooding, by M. Mokunaka,
JAPANESE, per, Kansai Gosen Kyokai-shi, Vol
CVII, No 19, 1962.
HLL 9022.065 1965 (1090)

M. Mokunaka

Sci-Mech, Etc Engr
Mar 67

230,299

Symmetry, Antisymmetry and Pseudo-Symmetry of
Induced Surfaces, by V. A. Mokyevskiy, I. I.
Shafranovskiy,

RUSSIAN, per, Kristallographiya, Vol II, No 1,
1957, pp 23-28.

Amer Inst of Phys

Sci

108,563

Feb 60

Influence of External Conditions on the Shape of
Crystal Growth, by V. A. Mokyevskiy, 44 pp.

RUSSIAN, per, Kristall, No 4, 1955, pp 3-46.

MDF-M-123

5/6 10/20/59

Sci
Eor 59

101, 149

Theory of the Carbon Microphone (I), by H. Kol,
21 pp.

DUTCH: per, PTT-Bedrijf, Vol III, No 4, Jun 1951,
pp 128-134.

SLA 57-1020

Sci Electron

58, 234

Feb 58

Theory of the Carbon Microphone (II), by H. Mol,
17 pp.

DUTCH, per, PTT Bedrijf, Vol IV, No 1, Oct 1951,
pp 34-41.

BLA 57-1019

Sci - Electron

58, 235

Feb 58

Theory of the Carbon Microphone (III), by H. Kol,
13 pp.

DUTCH, per, PTT-Bedrijf, Vol IV, No 3, Jun 1952,
pp 118-124

SIA 2526

Sci - Electron

58,236

Feb 58

Theory of the Carbon Microphone (IV), by E. Mai,
10 pp.

DUFCH, per, PTT-Bedrijf, Vol V, No 2, Apr 1953,
pp 84-88.

SLA 57-1018

Sci - Electron

58, 237

Feb 58

Properties of Carbon Microphones, by H. Mol, 21 pp.

DUTCH
~~SECRET~~ per, PTT-Bedrijf, Vol III, No 2, Aug
1950, pp 85-91.

SLA 57-955

Sci - Electron

58,241

Feb 58

Theory of the Carbon Microphone (V), by H. Mol, 8 pp.

DUTCH, per, PTT-Bedrijf, Vol V, No 3, Aug 1953,
pp 112-115.

SLA 57-1017

Sci - Electron

58, 230

Feb 58

Microhardness Tests and the Validity of Meyer's
Law, by A. Molaroni.

ITALIAN, per, La Metallurgia Italiana, No 10,
1956, pp 443-446.

T.I.L. Tr 4786

Sci - Engineering
Jun 57

48, 852

Subdivision of Motions and Asymptotic Methods in the
Theory of Nonlinear Oscillations, by A. M.
Molcanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 1030-1033.

Amer Math Soc

Sci

160,734

Jul 61

The Condensation of Formaldehyde With
Perfluoro-Olefins-Tetrafluoroethylene, by
E. P. Molchalina, B. L. Dystkin, 3 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 1, 1961, pp 106-109.

CB

Sci

200,770

Jun 62

35
The Physiological Activity of Generative Organs
and the Plant Reaction to Self-Pollination, by
I. M. Melchior, G. P.
RUSSIAN, per. Muzhik Det. Vyssh. Shkoly. Entomol.
Zhurn., No 1, 1964, pp 173-179.
IPES 24200

Sci - Med
May 64

257, 641

Assessing the Quality of Automatic
Drawing Frames, by A. Molchanov.
RUSSIAN, per, Technology of the Textile
Industry, USSR, Vol. 3, No. 34, 1963, pp 118-125
CSIRO/ No. 7300

A. MOLCHANOV

Sci -
Aug 67

337-087

Meeting of Kharukhchev With Scientists in Siberia,
by Molchanov,

RUSSIAN; np; Pravda, 11 Oct 1959.

FBID Daily Review

USSR
Pol
Oct 59

99,563

Meeting of Khruqvkehev With Scientists in Siberia,
by Molchanov,

RUSSIAN, np, Pravda, 11 Oct 1959.

FBID Daily Review

USSR
Pol
Oct 59

Observations of the Localised Radio Sources on
the Sun With the Large Radio Telescope of the
Main Astronomical Observatory at Wavelength of
2.3 cm, by A. Molchanov.

RUSSIAN, per, *Solnechnye Dannye*, No 3, 1961, pp 68, 69.

CSIRO/No 6073

Sci-Astron
May 63

229, 859

Radio Astronomy Observations of the Solar
Eclipse of 15.2.61, Carried Out by the Main
Astronomical Observatory, by A. Molchanov,
D. Korol'kov.

RUSSIAN, per, Solnechnye Dannye, No 4, 1961,
pp 62-64.

CSIRO/No 6075

Sci-Earth Sci & Astron
May 63

229860

The Rational Use of Copper and Copper-Zinc
Pyrites, by A. A. Molchanov, D. M. Yukhtanov,
5 pp.

RUSSIAN, per, Tsvetnye Metally, Vol I, No 6,
1960, pp 21-25.

Primary Sources

Sci
Feb 61

140,250

Spectra and Magnetic Fields of Localized Sources
Which were Observed During the Solar Eclipse of
February 15th, 1961, by A. Molchanov.
RUSSIAN, per, Solnechnye Dannye, No. 2, 1962,
pp 53-58
CSIRO/No. 6868

A. MOLCHANOV

Sci -
July 1967

334-142

The Hydrologic Role of Forests, by A. A. Molchanov.

1960, 464 pp.
RUSSIAN, bk, Academy of Sciences of USSR, Moscow,

*PL-480
OTS 63-11089
PST-870

Sci

Jan 63

Freezing and Thawing of Soil, by A. A. Kulchanov,
8 pp.

RUSSIAN, per, Lesnoye Khoz, Vol III, No 1, 1950,
pp 27-31. *CIA D 151375*

Sci Tr Center RT-2207

Scientific - Geophisic

22,818

Apr 55 OTS

The Reserves of Needles in Pine Trees in Timberstands
of Different Ages, by A. A. Molchanov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVII,
No 5, 1949, pp 909-912.

Sci Tr Center RT-76X7
R

10,667

Scientific - Biology

Correlation Between the Results of Radio
Astronomy and Optical Observations of the
Chromosphere, by A. Molchanov.

RUSSIAN, *par*, Solnechnye Dannye, No 11,
1960, pp 64-66.

CSIRO 5623

Sci - Astronomy
Aug 62

207,339

Sulfuric Acid the Backbone of Chemistry, by A. Malchakov, **RUSSIAN**, in, **Ekon Gazeta**, No 43, 26 Oct 1963, p 11.

IPRS 22671

**USSR
Econ
Jan 64**

246, 546

The Hydrological Role of Forecasts, by A. A. Motchanov,
407 pp.
RUSSIAN, M., Gidrologicheskaya Ref'less, 1960.
OTS 643-1009
PL-410

Sci - Agri
Mar 64

233,078

Applying Biological Methods for Regulating Water
Conditions in Areas Undergoing Swamp Formation,
by A. A. Molchanov.

RUSSIAN, bk, Trudy Inst Lesa, No 49, 1959, pp 45-53.

*PL 480
Dept Int

Mar 61

Phase Discriminator, by V. M. Vyatkina, Z. K. Ivanova,
A. B. Molchanov, 9 pp.

RUSSIAN, per, Radiotekh, Vol XIII, No 10, 1958,
pp 39-44.

PP

Sci - Engr
Oct 59

99,126

60-21898

Molchanov, A. L.
THE TEMPERATURE AND HUMIDITY OF THE AIR
AND THE SOIL TEMPERATURE IN FIELDS BE-
TWEEN THE SHELTER BELTS (Rezhim Temperature
i Vlazhnosti Vozdukha i Temperature Pochvy na
Mezhpoloanykh Polyakh). 1961, 11p. 14 refs. PL-
480 Agr.
Order from OTS \$0.50

- I. Molchanov, A. L.
- II. PL-480 Agr (60-21898)
- III. National Science
Foundations, Washington,
D. C.

60-21898

Trans. of Kazakh[skii Nauchno-Issledovatel'skii]
Gidrometeorol[ogicheski] Institut, Trudy (USSR)
1956, v. 7, p. 57-65.

191001

DESCRIPTORS: Air, *Soils, Temperature, Humidity,
*Plants, Growth, Moisture, Climatic factors,
Agriculture

In 1950, 1951, 1952, and 1953 the moisture and tem-
perature of the air and soil in fallow fields and in fields
(Agriculture--Plant Cultivation. TT, v. 7, no. 4) (over)

Office of Technical Services

Stability in the Case of a Neutral Linear
Approximation, by A. M. Molchanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXI,
1961, pp 24-27.

Amer Math Soc

Sci

Jun 62

200,829

The Bounded Variation of Continuous SOLUTIONS OF
the Hydrodynamic Equations, by A. M. Molchanov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 6,
1959, pp 1257-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,657

Finite Sets and Scalar Products, by A. M. Molchanov.

RUSSIAN, Dok Ak Nauk UHSR, Vol CXVI, No 6, 1957,
pp 920-922. CIA 9032025

~~Morris D. Friedman~~
MIT Lincoln Lab

Sci - Electronics, *Physics*
Mar 58

60,805

CIA R- 3857

New Turbulence Chamber Insert for D-35 Engines, by
O. M. Malashkin, A/O Molchanov, S. A. Shchukrov.

RUSSIAN, per, Avto i Trak Prom, Aug 1954, pp 24-25.

CIA/FDD/Sum No 1410

USSR
Economic
Scientific

22,485

THE SPECTRUM OF A LOCAL SOURCE OF RADIO EMISSION ON
THE SUN, BY A. P. MOLCHANOV, 4 PP.

RUSSIAN, PER, SOLNECHNYYE DANNYYE, NO 4, 1960,
PP 72-75. 9678378

FTD-TT-62-594

SCI - ELECTRON
12 OCT 62

212,795

(177-6396)

Use of Antenna Pattern Scanning in Certain
Radioastronomic Observations, by A. P. Molchanov,
S. S. Gremyachenskiy, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, K MVO,
Radiofiz, Vol IV, No 5, 1961.

JPRS 13656

Sci
May 62

194,366

The Spectrum of Local Sources of Solar Radio Emission,
by A. P. Molchanov, ⁴ pp.

Vol. XXXVIII
RUSSIAN, per, Astron Zhur, No. 5, 1961, pp. 849-854

AIP
Sov Astron-AJ
Vol. V, No. 5

Sci

191, 834

Mar 62

First Results of a Radioastronomical Observation of
an Annular Solar Eclipse, by A. P. Melchikov,
K. N. Tsvetkovskaya.
RUSSIAN, per. Vest Ak Nauk SSSR, No 3, 1961,
pp 96-100.
NASA TT F-8628

Sci - B S & Astr
May 68
U.S. GOVERNMENT ONLY

258,644

Antenna System for the Radioastronomic Sun Service, by A. P. Molchanov, V. M. Vyatkina, 11 pp.

RUSSIAN, rpt, Moscow, pp 162-168.

OCR/FDD-NY-9688

Sci-Phys

Effect of Frequency and Phase Jumps on a Tuned
Voltage Amplifier, by A. P. Molchanov, 5 pp.

RUSSIAN, per, Radio Tekh, Vol XVI, No. 4, 1961.

AJEE

Sci

186,061

Mar 62

Investigation of Antenna Installations According
to Cosmic Sources of Radio Radiation with Finite
Size, by O. A. Boguslevstev, A. P. Molchenov,
P. V. Olianuk, L. M. Ponomarenko, 9 pp.

RUSSIAN, per, Radiotekh i Elektro, Vol I, No 6,
1956, pp 873-877.

SLA R-3082

Sci

Jul 59

92,523

Molchanov, A. P.

THE POSSIBILITY OF PREDICTING THE APPEAR-
ANCE OF SOME SUNSPOTS BY USING RADIO
ASTRONOMY DATA, tr. by P. A. Kazakov.
Preliminary Communication. [1960] 3p. 4 refs.
[CSIRO Trans. no.] 5068.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15648

Trans. of Solnechnyye Dannyye (USSR) 1959, no. 4,
p. 82-83.

(Astronomy--Astrophysics, TT, v. 5, no. 9)

61-15648

1. Sunspots -- Statistical analysis
2. Radio astronomy -- Applications
- I. Molchanov, A. P.
- II. CSIRO Trans-5068
- III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

~~64~~
64

Some results of Radioastronomical Observations of Solar Eclipses, by
A. P. Molchanov, 58 p.
USSR, per, Pulkovo. Glavnoi Astron-
omicheskoi Observatorii, Izvestiya,
Vol XXIV, No 1 (#177), 1968, pp 56-58.
559872-V
AFSA. G-T-R-65-3

A. P. Molchanov

Sci-Elec
Mar 56

297,688

18

(D-3827)

The Eleventh All-Union Scientific Conference of
Internists; Moscow Internists' Meetings, by A. S.
Molchanov, 16 pp.

RUSSIAN, per, Terapov Arkh, Vol XXII, No 2,
1960, pp 86-95.

JPRS 3415

119,413

Sci/Med

Jun 60

The Atomization of Liquid in a Carburetor as a
Method of Investigating Mixture Formation, by
B. N. Molchanov. UNCL

RUSSIAN, per, Avtom Prom, No 4, 1958, pp 26-28.

DSIR LIU RTS 1110

Sci - Fuels
Jul 59

90,680

Struggle Against Foot and Mouth Disease - Report of
Professor Waldmann at IV International Congress of
Pathologists in Rome, May 1939, by D. P. Molchanov,
4 pp.

RUSSIAN, no per, ~~in~~ Sovetskaya Veterinariya, Vol XVII,
No 8/9, 1940, pp 97-98. CIA 9004232

USDA Tr No 523

Sci - Biology/ Medicine
Apr 1957 CTS/dex

46, 814

Study of the Infectiousness of Saliva in
Foot and Mouth Disease on the Basis of Physiol-
ogical Experiment, by L. S. Ratner, A. A.
Kudryavtsev, H. I. Leonov, D. P. Molchanov.

RUSSIAN, no per, Veterinariya, Vol XXIV, No 3,
Mar 1947, pp 28, 29.

USDA

USSR

Scientific - Medicine CTS 65/Feb 55

21,417

Electro-Slag Welding of Turbine Discs of
Austenitic and Pearlitic Steels, by M. M.
Timofeyev, E. P. Molchanov, 7 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1959,
pp 19, 20.

British Welding Res Assoc

Sci

Sep 60

126,499

10 198

UK-28

E. I. MOLCHANOV

Calculation of the temperature distribution in a gas turbine rotor under transient conditions

Teploenergetika, No. 1, 53 - 57, (1956)

TIL/OT-2770 - English

E u r a t o m

Atlas of Diagrams of State of Titanium Alloys
by E. K. Molchanov
RUSSIAN, bk, 346 pp.
NLL REF: 0678.23F AD 670 090

E. K. Molchanov

July 69

385,260

Molchanov, I. I. and Tyzhnov, A. V.
EARLY METAMORPHISM OF SEDIMENTARY
ROCKS AND ITS VALUE IN PROSPECTING FOR
MINERAL FUEL. [1962] 9p.
Order from ATS \$7.95

ATS-37P59R

Trans. of Razvedka i Otkhrana Nedr (USSR) 1961,
v. 27, no. 5, p. 8-15.

DESCRIPTORS: Minerals, Fuels, *Geophysical pro-
specting, Sedimentation, *Rock, *Geology.

(Earth Sciences--Geology, TT, v. 8, no. 2)

62-17263

I. Molchanov, I. I.
II. Tyzhnov, A. V.
III. ATS-37P59R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-RJ-3519

(2-1817

Office of Technical Services

Clinical and Treatment Problems of Acute
Pneumonias, by I. S. Molchanov

RUSSIAN, mo per, Voenno Med Zhur, No 12,
Moscow, Dec 1960, pp 27-33

US JPRS 7995

Sci
Mar 61

143,545

Ionisation Chambers and Apparatus for Studying
Wide Atmospheric Cosmic Ray Showers, by I. M.
Bekkerman, V. A. Dmitryev, L. P. Molchanov,
G. B. Khristyanzen, P. I. Yarygin, 6 pp.

RUSSIAN, ser, Pribery i Tekh Eksper, No 4, 1958,
pp 31-36.

Instru Soc of Amer

Sci

Apr 60

114,018

(NX-5499)

Characteristics of the Course of Radiation
Sickness Under Field Conditions, by N. Molchanov,
11 pp.

RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya
Entsiklopediya, Vol XVI, No 2, 1960, pp 425-431.

JPRS 7902

Sci - Med

Mar 61

142,609

Rebuilding the KVK-3 and KV-1 Transmitter Types,
by V. I. Vereshchagin, M. N. Molechanov, 7 pp.
(AF 654372)

RUSSIAN, per, Vestnik Svyazi, No 1, 1955, pp 29-30.

AFIC F-TB-8535/V

Sci - Electronics, Engineering
USSR - Economic
Apr 56

33,223

(S 3574/40)

Some Problems of Prophylaxis and Treatment of
Dysentery, by H. S. Melchakov

RUSSIAN, no pag, Voenno Med Zhur, No 11,
Moscow, Nov 1961, pp 16-21.

US JPRS: 12766

Sci

188,340

Mar 62

Dispensary Care of Personnel -- The Most
Important Link in the System of Propy-
lactic and Therapeutic Measures, by N. S.
Molchanov

RUSSIAN, no per, Voyenno Med Zhur, No 1,
Moscow, Jan 1960, pp 22-27

US JPRS 2641-N

Sci

118,840

Jan 60

(NY-1374)

Some Problems of Current Importance
in Military Field Therapy, by
N. S. Molchanov

RUSSIAN, mo per, Voyenno Med Zhur,
No 6, Moscow, June 1961, pp 9-14

173,380

Sci
Nov 61

US JPRS: 10328

Concerning the Fifth Military-Scientific Conference
of the Military-Medical Academy imeni Ya. E.
Purkyne in Czechoslovakia, by A. S. Georgiyevskiy,
N. S. Molchanov.

RUSSIAN, per, Voenno-Med Zhur, No 9, Sep 1957,
PP 91-94. CIA 9016432

USDA

59,366

Sci - Med

EEur - Czechoslovakia
Mil

Mar 58

(107-1374)
Principles and Prospects of Treating Severe
Burn Sickness, by N. S. Molchanov

RUSSIAN, no par. Voenno Med Zhurn. No 10,
Moscow. Oct 1961, pp 35-43

US JPRS: 12493

185,867

Sci
Mar 62

Some Results of the Study of the Condition of the Internal Organs in Burned Patients, by N. S. Molchanov

RUSSIAN, no per, Voyenno Med Zhur, No 3, Moscow, Aug 1960, pp 36-48

US JPRS 7609

137,891

Certain Problems of the Theory and Practice
of Oxygen Therapy, by N. S. Moichanov

RUSSIAN, no per, Voyenno Med Zhur, No 1,
Moscow, Jan 1959, pp 31-36

US JPRS 1555-N

Sci - Med

May 59

87,328

(SP-1872)

Science Is Blossoming in Siberia, by B. Aberchenko,
V. Molchanov, 4 pp.

RUSSIAN, np, Pravda, 11 Mar 1961, p 1.

JPRS 4745

Sci - Misc.

Jul 61

159,923

Investigation of Electroluminescence Pulses Emitted by ZnS:Cu:Al Phosphors With a High Cu Concentration * by A. M. Bouch-Bruevich, V. A. Molchanov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, XX Vol XXV, No 4, 1961, pp 477-481.

CTT

202,719

Sci

Jul 62

DIFFRACTION LIGHT Modulator, by A. H. Emswiler and
V. A. Molchanov, 7 pp.

RUSSIAN, per. Inst Tekh Fiz. Vol XXV, No 9, 1976;
pp 1653-1658. 9095835

AEC URL TR-733

Doc - Page
Mar 68

186, 483

Experimental Mod^el of a Phase Fluorometer*, by A. M. Bonch-Bruyevich, I. V. Karazin, V. A. Molchanov, V. I. Shirokov, 8 pp.

RUSSIAN, per, Priboiy i Tekhnika Eksperimenta, No 2, 1959, pp 53-56.

USASIA SC-59/n/59

Sci -- Physics

Apr 60

114,354

Angular Features of the Disintegration of
Metals by Ion Beams, by V. A. Molchanov,
V. G. Tel'kovskiy, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz,
Vol XXVI, No 11, 1359-1365. 9683146

FTD-TT-63-326

Sci-Phys
Jun 63

232,473

The Dispersion of the Speed of Sounds In carbon
Disulphide, by V. A. Molchanov, I. L. Fabelinskiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, 1955,
pp 248-249,

UKSM T.1689

Sci - Physics

52,346

Sep 57

The Reaction of Aldehydes and Ketones With Acetic Anhydride. III. Reaction of Cyclopentanone, Acetone, and Methylpropyl Ketone With Acetic Anhydride, by I. V. Machinskaya, V. A. Barkhash, V. I. Molchanov, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Khimi Vol XXIII, No 5, 1953, pp 756-759.

Consultants Bureau

Scientific - Chemistry

17,642

CTS/DEK

Corrosion of Silicate Glasses by Alkaline
Solutions. Communication 6. Phenomenon of
"Sodium Carbonate Paradoxes," by V. S. Molchanov,
N. E. Prikhid'ko, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1959, pp 975-980.

CB

Sci
Jun 61

157,898

Corrosion of Silicate Glasses by Alkaline Solutions. Communication 5. Effect of Alkali Concentration on the Degree of Destruction of Glass, by V. S. Molchanov, H. E. Prikhid'ko, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1959, pp 3-8.

Consultants Bureau

Sci - Chem

113,175

Apr 60

Corrosion of Silicate Glasses by Alkaline Solutions.
Communication 1. Breakdown of Quarts, Quartz Glass,
and Some Laboratory Glasses by Sodium Hydroxide and
Sodium Carbonate Solutions, by V. S. Malchanov, M. E.
Prikhidko, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
1957, pp 1151-1157.

CIA/FID XX-583

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

Mar 59

82,381

USIB INTERNAL USE ONLY

Measurement of the Dissociation Potential of Fused Potassium Fluoride and Sodium Fluoride, by V. S. Michanov.

RU translation.

RUSSIAN, no per, Leg Matally, [USER], Vol IV, 1935, pp 28-31.

AT 145
AEC Tr 1425

SR

Scientific - Chemistry, potassium fluoride, sodium fluoride

Nov 52 CTS/DEX

A8079

Relating to Electrolysis Theory of Cryolite
Alumina Solutions, by I. P. Tverdokly,
V. S. Molchanov, 19 pp.

RUSSIAN, per, Zhur Prik Khim, Vol X, No 6,
1937, pp 1011-1019.

Sci Tr Center
RT-1527

18,881

Scientific - Chemistry

Electroosmotic Investigation of the Surface Layers
on Glass, by V. S. Molchanov, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIII, No 8, 1939,
pp 1124-1130.

Sci Tr Center RT-1208

Scientific - Chemistry

Jul 54 CTS

16 050

A New Phase Fluorometer, by A. M. Bonch-Bruyevich,
V. A. Molchanov, V. I. Shirokov, 4 pp.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,
1956, pp 596-600.

Consultants Bureau

Sci - Physics
Jun 1957

49,106

43
Energy Spectra of Ions Scattered by Polycrystalline
Surfaces Over Small Angles, by V. A. Malchenko,
V. Sankin, 5 pp.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol CLV, No 1,
1964, pp 70-71. 9493209
FTD-IT-64-349

Sci - Phys
Jul 64

263,729