

On Mass Armies in Modern War,, by Col. A.
Iovlev, 12 pp. FOR OFFICIAL USE ONLY
RUSSIAN, Per, Voennoye Mysl", No 10, 1963.
FDD TR 965

A. Iovlev

USSR
S M11

304,321

IN THE INTEREST OF EDUCATION, BY S. IOVLEV,
5 PP.

RUSSIAN, PER, VOYENNY VESTNIK, NO 1, 1962.

ACSI 1-0424-A
ID 2191530 .

SCI

19 JUL 62

203,654

Glass and Flow Temperatures of Natural Rubbers
of Different Molecular Weights, A. Tager, M.
Iovleva, T. Kantor, L. Mazhova
4 pp.

Full translation.

RUSSIAN, no per, Zhur Prii Khim, Vol XXVII, No 11,
1954, pp 1227-1230. CIA C 41474

Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/dex

32,960

- TT-65-14374

FILE 111

Iovleva, M. M.; Mikhailov, N. V.; Mikhaleva, G. A.;
Shablygin, E. V.; Pukhov, S. P.
THE PROPERTIES OF GEL PARTICLES IN SPINNING
SOLUTIONS. 12p, 1 figs.
Order from SLA: \$1.40 as TT-65-14374

Trans. of Khimicheskoe Volokna (USSR) n6 p11-4 1964.

MI 6-7

The Solubility of Grafted Copolymers Derived from
Polystyrene and Acrylic Acid, by M. M. Iosadze,
P. V. Kozlov, V. A. Kargin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 1093-1095.

GE

Sci

Oct 60

130,043

TT-65-14374

Field 11E

Iovleva, M. M.; Mikhailov, N. V.; Mitcheleva, G. A.;
Shablygin, M. V.; Papkov, S. P.
THE PROPERTIES OF GEL PARTICLES IN SPINNING
SOLUTIONS. 13p. 13 refs.
Orig. from SLA: \$1.60 as TT-65-14374

Trans. of Khimicheskoe Volokna (USSR) no p41-4 1964.

A060202

MR 687

A Study by the Nuclear Magnetic Resonance (NMR) Method
of the Adsorption of Water Vapor on the Surface of
Silica Gel, by V. I. Kvlivida, N. M. Iovskaya, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol VII, No 1,
1962, pp 91-93.

Consultants Bureau

Sci
Dec 62

I 216,193

Alkylation of Aromatic Hydrocarbons With Cyclohexene in
the Presence of $(C_2H_5)_2AlBr \cdot C_2H_5AlBr_2$, by I. V. Niculescu,
Mircea Dovu, et al., 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim K Nauk,
No 1, 1960, pp 94-97.

CB

Sci
May 62

192,864

Adsorption of Vapor at a Mercury Surface. Communication
I., by B. P. Derjag, K. A. ~~DERJAG~~, 8 pp.

Izylava,

Full translation.

RUSSIAN, trans per, in Ak. Zh. SSSR, Otdel Khim. Nauk,
No 1, Jan/Feb 1955, pp 9-16. CIA D 151241

Consultants Bureau

Scientific - Chemistry

24,516

Jun 55

Problem of the Connection of the General Content of
Ozone With the Meteorological Conditions, by A. S.
Britayev, V. A. Iozann, A. P. Kuznetsov.

RUSSIAN, per, Met 1 Old, No 10, 1958, pp 24-29.

AF Cambridge Res Center
T-R-259

Sci - Geophysics
Apr 60

possibly *ATIC P-18-9970/V

114, 688

(DC-6349)

3

Photoelectric Spectrophotometer for Observation
of Atmospheric Ozone, by V. A. Iozenas,
A. P. Kuznetsov, 5 pp.

RUSSIAN, bk, Atmosfernyy Ozon --- Rezul'taty Rabot
Mezhdunarodnogo Geofizicheskogo Goda v SSSR,
Kosmofizika, 28-31 Oktyabrya 1959 Gofu,
Doklady i Rezolyutsii, 1961, pp 14-17.

JPRS 13445

192,149

Sci - Geophys
Apr 62

41

The Journal of the Mathematical Sciences of the Central
Committee, Moscow, by N. A. Izrael, D. M. Glushko,
V. P.
S. P. Korovin, etc., Moscow: Mashinostroyeniye, 1964.
Vol. 1, No. 2, 1964, pp. 2-4.
204 p.

Sci - Math & Math
Aug 64

200,000

A 300-MW Turbo-generator With Direct Cooling
of the Windings, by N. P. Ivanov.

RUSSIAN, per, Elektrosila, No 21, 1962, pp 22-26.

ML N 5196

Sol - Elektron
May 63

229,798

1. Mathematical Problems in Compressed Cases. I.
 Determination of the Heat Conductivity Coefficients
 of Compressed Gases, (Fig. 113, 114, 115, and 116),
 by A. A. Golitsyn, V. V. Ipatov, et al, 22 pp.
 Zhurnal Priklad. Mekh. i Fiz. Vol. XXIV, 1961,
 pp. 161-176. 922001
 2. Mathematical Problems in Compressed Cases. II.
 Determination of the Heat Conductivity Coefficients
 of Compressed Gases, (Fig. 117, 118, 119, and 120),
 by A. A. Golitsyn, V. V. Ipatov, et al, 22 pp.
 Zhurnal Priklad. Mekh. i Fiz. Vol. XXIV, 1961,
 pp. 177-189. 922002

3. Mathematical Problems in Compressed Cases. III.
 Determination of the Heat Conductivity Coefficients
 of Compressed Gases, (Fig. 121, 122, 123, and 124),
 by A. A. Golitsyn, V. V. Ipatov, et al, 22 pp.
 Zhurnal Priklad. Mekh. i Fiz. Vol. XXIV, 1961,
 pp. 190-202. 922003

V. V. Ipatov

281,000

Effect of Free Motion on the Heat Transfer
Coefficient for Flow Around a Sphere in the Region
of Small Reynolds Numbers, by L. I. Kudryashev,
A. Yu. Ipatenko, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 3, 1959,
pp 309-318.

AIP
Vol IV, No 3

Sci - Phys
Oct 59

100,122

Veterinary-Sanitary Measures in the Case of Loose
Rounding of Animals, by N. G. Ipatenko.

RUSSIAN, per, Veterinariya, Vol. XXXIX, No 12, 1962,
pp 47-52. 9212621

USDA Tr V-1853

Sci - Biol & Med Sci
Oct 63

240,054

An Experiment in Postgraduate Science Education in
the Central Institute of Science and Technology in
RUMANIA, Vol. 1, No. 1, 1961,
pp. 16, 17. (Rumanian)

USDA Tr V-1879

Vol. 1, No. 1, 1961
Mar 61

22,396

. (NY-6346)

Experience in Eradicating Hog Cholera, by N. G.
Ipatenko, 10 pp.

RUSSIAN, per, Veterinariya, Vol XXXVII, No 10,
1960, pp 25-28.

JPRS 9468

Sc1 - Med

Jul 61

160,819

Veterinary Service in East China, by N. G. Ipatenko.

RUSSIAN, per. Veterinariya, Vol. XXXIV, No 10, Moscow,
Oct 1957, pp 80-83. CIA D 901534S

USDA

Sci - Med

Jan 58

57499
247

Preventive Properties of Human and Animal Blood
Sera Against Anthrax, by N. G. Ipatenko.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 12,
1959, pp 32, 33. CIA 9048326

URDA

Sci - Medicine
Apr 60

114,788

Ipatenko, N. R.
DIE DYNAMISCHE STABILITÄT VON SYNCHRONMOTOREN UND SYNCHRONISIERTEN ASYNCHRONMOTOREN MIT VERMINDERTE REGUNG BEI STÖSSWECHSELBELASTUNG (The Dynamic Stability of Synchronous Motors and Synchronized Asynchronous Motors with Compound Excitation during Pulsating Load). 6p.
Order from TEB \$1.30

Trans. in GERMAN Elektrische (USSR) 1960, no. 11, p. 59-62.

DESCRIPTORS Dynamics, Stability, *Synchronous, Induction motors, Excitation.

(Engineering--Electrical, TT, v. 10, no. 8)

63-27543

I. Ipatenko, N. R.
II. Technische Informationsbibliothek, Hannover (West Germany)

1241057

Office of Technical Services

Scientific Research Work Carried Out by the
Leningrad Branch of the VNIIE and the Elektrosila
Factory in the Field of Electrical Machine
Construction, by P. M. Ipatov, E. Ya. Kasovskiy.

RUSSIAN, per, Elektrosila, No 21, 1962, pp 6-12.

REL N 5155

Sci - Electron
May 63

229,799

Solubility of Hydrogen in Water Under Pressure at
High Temperatures, by V. Ipatov, E Jr, V. P. Tsodorovich
7 pp.

RUSSIAN, ~~Zhur Obshch Khim.~~ Vol IV, No 3, 1934,
pp 395-399.

CIA/PDD/X-1292

Scientific - Chemistry
CTS/DEX

11,120

Action of Hydrogen on Organometallic
Compounds Under High Pressure. I.
Action of Hydrogen on Organometallic Lead
Compounds of the Type PbR_4 , by
V. N. Ipat'ev, G. A. Rasuvayev, et al.
GERMAN, per, Chemische Berichte,
1930, pp 335-342. Vol LXIII,
SLA TT 64-14927

V. N. Ipat'ev

Sci
May 67

327,211

Oxidation of Nickel in Sulfurous Gas at High
Temperatures, by V. V. Ipat'ev, D. V. Zheltukhin,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 9, 1957,
pp 1281-1285.

Consultants Bureau

Sci - Chem

Doc 50

77.716

Diffusion of Gases Under Pressure, by V. V.
Ipat'ev, V. I. Tikhomirov, 12 pp.

RUSSIAN, per, Zhur Oshchei Khim, Vol I, 1931,
pp 736-739.

AEC Tr-4307

Sci - Chem
21 Feb 61

140,951

Investigation of the Decarburization rate of 30
KhMA Steel Pipes in a Hydrogen Medium, by V. V.
Ipat'ev, O. P. Markalova, and V. P. Teyodorovich,
3 pp.

RUSSIAN, per. Zhur Prik Klim, Vol XXXI, No 12,
1958, pp 1891-1893.

Consultants Bureau

Sci

104,168

Doc 59

Decarburization of Carbon Steels by Hydrogen at
High Temperatures and Pressures, by S. L. Skop,
V. P. Tayodorovich, and V. V. Ipat'ev, by 4 pp.

RUSSIAN, per. Zhur Prik Klin, Vol XXXI, No 12,
1958, pp 1894-1897.

Consultants Bureau

Sci

Doc 59

104,167

Investigation of the Rate of Absorption of Hydrogen
Sulfide by Arsenical Soda Liquors, by V. V. Ipat'ev,
V. I. Tikhomirov, E. F. Soboleva, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 10,
1958, pp 1472-1477.

CB

Sci - Chem
Nov 59

100,970

Ipat'ev, V. V. and Sibirskaya, V. V.
 THE RATE OF SCALE FORMATION ON METALS
 AND ALLOYS: ON THE KINETICS OF SCALE FOR-
 MATION ON IRON ALLOYS WITH CHROMIUM AT
 HIGH TEMPERATURES IN THE ATMOSPHERE OF
 WATER VAPOR (THE STRUCTURE AND COMPOSI-
 TION OF THE SCALE FORMED) (Skorost' Okalino-
 obrazovaniya na Metallakh i Splavakh: [K Kinetike
 Okalinoobrazovaniya na Splavakh Zheleza s Khromom
 pri Vysokikh Temperaturakh v Atmosfere Vodyanogo
 Para. Struktura i Sostav Obrazuyushchey Okaliny]) tr.
 by A. Pingell. 1963 [26]p 21refs. NRL Trans. no. 926.
 Order from ODS, SLA, or ETR: \$2.60 TT-63-19243

Partial trans. (excerpts) of Leningrad U. Uchenye
 Zapiski (USSR) 1957, no. 227, p. 5-47.

DESCRIPTORS: *Steel, *Chromium alloys, Scale, *Cor-
 (Metallurgy--Corrosion, TT, v. 11, no. 1) (over)

TT-63-19243

- I. Ipat'ev, V. V.
- II. Sibirskaya, V. V.
- III. Title: On . . .
- IV. Title: Structure . . .
- V. Title: K . . .
- VI. Title: Struktura . . .
- VII. NRL Trans-926
- VIII. Naval Research Lab.,
 Washington, D. C.

Office of Technical Services

Etude de la Vitesse de Decarburation de l'Acier
en Acier 30 KhMA en Presence d'Hydrogene, (Study
of the Decarburation Rate of 30 KhMA Steel in
the Presence of Hydrogen), by V. V. Ipat'ev, G. N. M.
Merkulov, V. I. Teodorovich, 9 pp.

RUSSIAN to FRENCH, per, Zhur Peik Shik,
Vol XXI, 1958, pp 1891-1894.

Revised Edition
CISA T-11-000

Sci
Apr 61

An Excerpt from: The Kinetics of Scale Formation
on Iron Alloys With Chromium at High Temperatures
in the Atmosphere of Water Vapor. The Structure
and Composition of the Scale Formed, by V. V.
Ipat'ev, V. V. Sibirekaya,

RUSSIAN, Ek, Skorost' Okalinoobrazovaniya na
Metallakh i Splavakh. Issue No 17, Part 2, 1957,
pp 5-47.

Navy Tr 3340/NRL 926

Sci - Materials and Metallurgy
Mar 63

224,867

The Rate of Scale Formation on Metals and Alloys:
The Kinetics of Scale Formation on Iron Alloys With
Chromium at High Temperatures in the Atmosphere of
Water Vapor. The Structure and Composition of the
Scale Formed, by V. V. Ipat'ev, V. V. Sibirskaya.

RUSSIAN, par, Leningrad U. Uchenye Zapiski, 1957,
No 227.

*RUU.

Sci
Jul 63

Ipat'ev, V. V. and Levina, M. I.
EQUILIBRIUM BETWEEN LIQUIDS AND GASES AT
HIGH PRESSURES AND TEMPERATURES. II. SOLUBIL-
ITY OF GASES IN PETROLEUM PRODUCTS. [1962]
[19]p. 19 refs.

Order from OTS or SLA \$1.60

62-20122

Trans. of Khim[ya] Tverdogo Topliva (USSR) 1937,
v. 8 [no. 10] p. 866-875.

Other translations are available from LC or SLA
ml\$2.70, ph\$4.80 as 59-14126, F-TS-9670/V [1959]
[22]p. and from SLA as R-02106, 12p.

DESCRIPTORS: *Solubility, *Gases, *Petroleum, Liq-
uids, *Chemical equilibrium, Pressure, Temperature.

For abstract see Technical Translation 2:703, 1959.

(Chemistry--Physical, TT, v. 9, no. 10)

62-20122

I. Ipat'ev, V. V.
II. Levina, M. I.
III. Title: Solubility ...

Office of Technical Services

USSR/ Sci

Catalytic Reactions at High Pressures and Temperatures.
Influence of Pressure on the Course of the Catalysis,
by V. N. Ipatieff
RUSSIAN, Journal of the Russian Physical-Chemical
Society, ~~1906, 1906~~ Vol. 32, 1906,

AEC Tr

F-430

USSR/ Sci

Pyrolysis of High Molecular Compounds and Destructive
Hydrogenation of Heavy Fractions From Crude Oil at High
Pressure in the Presence of Hydrogen, by V. N. Ipatieff
RUSSIAN, per, Journal of Chemical Industry, Vol 6, 1929.

AEC Tr

12-4-64

Equilibrium between Liquid and Gas at High Pressures and Temperatures. 1. Solubility of Hydrogen in Individual Hydrocarbons of the Aromatic and Naphthenic Series, by V. V. Ipatieff and M. I. Levina, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol VI, No 5, 1935, pp 632-639.

SA S-2109

Sci

8

Aug 58

71,193

Oxidation of Phosphorus with Water at Elevated Pressures and Temperatures, by W. N. Ipatieff, Carl Freitag, 37 p.

GERMAN, per, Zeit Anorg Chem, 1933, Vol CCXV, No 3/4, pp 388-414.

SLA 60-10440

Sci
Apr 60
Vol III, No 3

112, 071

The Reaction of Nitrosyl and Nitrosate Chloride
by V. N. Ipatiev, A. A. Solomina.

RUSSIAN, per, Russkoe Fiziko-Khimicheskoe
Obshchestvo Zhurnal, Vol XXXIII, 1901,

pp 496-501.

SLA TT 64-20473

May 67

325,062

V. N. Ipatiev

Ipatiev, V. N. ALUMINUM OXIDE AS CATALYST IN ORGANIC CHEMISTRY. [1963] [126]p. refs. Order from OTS or SLA \$10. 10	63-10691 I. Ipatiev, V. N. II. Freitag, C.
Trans. of German edition of Russian mono. [Aluminum Oxyd als Katalysator in der Organischen Chemie, hr. and ed. by Carl Freitag, Leipzig, n.d.].	1247835
DESCRIPTORS: *Aluminum compounds, *Oxides, *Catalysts, Catalysis, *Chemical reactions, *Dehydro- genation, *Dehydration, *Condensation reactions, *Alcohols, *Aldehydes, Ethers, Ethylenes, Hydrocar- bons, Amines, Decomposition, Chemistry.	Office of Technical Services
(Chemistry--Organic, TT, v. 10, no. 8)	

The Removal of Metals, Metalloids, and Their
Oxides from Solutions by Means of Hydrogen
Under Pressure, by W. Ipatiev, N. Kljukvin,
A. Kiselev, and N. Kondyrev, 28 pp.

GERMAN, per, Ber, LIX, 1926, pp 1412-1426.

SLA Tr 3308

Sci

Jul 58

68,427

Ipatiev, W. and Orlov, N.
PYROGENETIC DISSOCIATION OF FEW AROMATIC
COMPOUNDS UNDER HYDROGEN-PRESSURE AND
WITH THE COMBINED ACTION OF CATALYSTS.
[1962] 13p. 16 refs.
Order from SLA \$1.60

63-10690

Trans. of Chemische Berichte (Germany) 1927, v. 60,
p. 1963-1971.

DESCRIPTORS: Heat, *Dissociation, Benzene,
*Hydrogen, *Pressure, Catalysts, Catalysis, Aluminum
compounds, Oxides, *Organic compounds, *Pyrolysis,
Phenols, Cresol, Aniline, Methane, Tetralin, Ethanol,
Naphthalene, Anthracene, Mesitylene, Naphtha.

(Chemistry--Physical, TT, v. 10, no. 2)

63-10690

I. Ipatiev, W.
II. Orlov, N.

A23962

Office of Technical Services

Ipatiev, W. and Kljukwin, N.

THE PYROGENATION OF NAPHTHALENE UNDER
THE JOINT ACTION OF THE OXIDES OF ALUMINUM
AND NICKEL. [1962] 5p.

Order from SLA \$1.10

63-10686

Trans. of Chem[ische] Berichte (Germany) 1925, v. 53,
p. 1-[3].

DESCRIPTORS: *Nickel compounds, *Aluminum com-
pounds, *Oxides, *Naphthalenes, Hydrogenation.

(Chemistry-Physical, TT, v. 10, no. 1)

63-10686

1. Title: Pyrogenation

I. Ipatiev, W.

II. Kljukwin, N.

Office of Technical Services

Experiments on the Binding of Cherenkov With
Slaked Lime, by Ipatov, 4 pp.

RUSSIAN, par, Doregna i Avtomobil, No 3, 1932,
pp 51-52.

Sci Mus Lib No 96/2364

Sci - Physics

42,843

30/CT

Magnetic Properties of a Ferromagnet under
Oscillatory Conditions, by L.G. Ipatov, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 6,
1980, pp 685-690

AIP
Sov Phys - Tech Phys
Vol V, No 6

Sol
61

135, 138

Propagation of Electromagnetic Waves in a
Ferromagnet, by L.G. Ipatov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 5, 1960,
pp 522-528.

AIP

Sov Phys-Tech Phys
Vol V, No 5

135,504

Scl

Dec 60

The Vibrations of a Ferromagnetic Material
in an Alternating Magnetic Field, by I. G.
Ipatov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 5
1959, pp 662-667.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol IV, No 5

Sci

Doc 99

103, 791

IPATOV, N.

(Russian) Stal, vol. 1, 1 figure, 2 tables, 400 words,
1941.

Wear and Corrosion of Free-Machining Steels.

Brutcher Trans, Order No. 1094 \$1.00

Influence of Chemical Composition Upon the ~~HAIR~~
Hardness of Cast Iron, by N. K. Ipatov

Full translation.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol XII,
No 8, 1952, p 28.

Brutcher Tr No 3063

Jul 53 OTS/DEX

Scientific - Minerals/Metals

Price \$1.90

3511

A Comparison of Alternative Methods of Calculating
Foster-Bond Dimensions, by V. A. Pateyev, N. K.
Istov, 3 pp.

RUSSIAN, per, 1st Prods, No 3, 1962.

BOIRA

Sci

Oct 62

214,062

Der Einfluss der Chemischen Zusammensetzung auf das
Karbideitz von Waelzlagerstahlern, by N. K. Ipatov,
Ya. Alzenshtok, L. D. ~~in~~ Kossovski.
(Unpubl tr)

RUSSIAN to GERMAN, per, Stal, 1955, No 8, pp 739-742.

IDU 648
Institut fuer Dokumentation
Übersetzungsnachweis
Berlin, W.8
Unter den Linden 8

Apr 60

Comparative Reliability of Methods of Evaluation
the Alpha-Phase in Stainless Steel, by H. M.
Ipatov. UNCL

RUSSIAN, per, Zavod Lab, Vol XXI, No 2, 1955,
pp 198-199.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,203

The Relation Between the Condition of the Crystal
lattice of a Catalyst and Its Activity, by P. F.
Ipatov, 8 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVII, No 8,
1953, pp 1133-1136.

Sci Tr Ctr RT-3487

Scientific - Chemistry

34,864

May 56 CTB/dex

TT-65-14041

Field 7D

Ipatov, P. G.

FLAME PROPAGATION OVER A LIQUID SURFACE.

7p. 3refs.

Order from SLA: \$1.10 as TT-65-14041

Trans. of Inzhenerno-Fizicheski Zhurnal (USSR) v3 n12
p49-52 1960.Another trans. is available from CFSTI or SLA \$1.10 as
TT-62-15810, Sp (AD-270 791).

MR 671

Flame Propagation Over a Liquid Surface,
by P. G. Ipatov, 7 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol III,
No 12, 1960, pp 49-52. 9673543

FTD-IT-61-128

Sci - Phys

2 Mar 62

186,247

Effect of the Damper Winding on the Behavior
of a Synchronous Generator, by P. A. 1950
UNCL

RUSSIAN, per, Elektrichestvo, No 3, 1957.

pp 24-27.

8/4 210000

DSIR Leading Library, Unit
M.54

Sol - Electron
Apr 59

83,974

Parameters of Water-~~Gas~~ Generators, 11
P. M. Ipatov, G. M. Kuznetsov. UNCL
RUSSIAN, per, Elektrosila, No 14, 1956,
pp 24-27.

DSIR Lending Library Unit M.11

Sci - Electric
Apr 59

83,957

(NY-2900/30)

Along the Road of Technical Progress, by P. M.
Ipatov, 4 pp.

RUSSIAN, per, Vest Elektrom, No 7, 1960,
pp 16, 17.

JPRS 7764

USBR

Boon

Mar 61

142,095

Prospects for Utilization of the ~~Earth's~~ Wealth
of Iron Ores of the Kursk Magnetic Anomaly, by P. M.
Ipatov, 13 pp. UNCL

RUSSIAN, par, Gornyy Zhur, No 5, 1961, pp 3-7.

FDD X-4663

USSR

Econ - technological iron ore mining

Jul 61

156, 987

Photoelectrical Instrument for Determining the
Concentration of Mercury Vapor in Air, by V. A.
Ipatov, L. P. Pakhomov, 4 pp.

RUSSIAN, per, Pribery 1 Tekh Eksper, No 2, 1958,
pp 21-24.

Instru Soc of Amer

CEA TR. No 4-144 907-084

Sci

113, 515

Apr 60

On the Exciton Energy Spectrum in an Ionic Crystal,
by I. P. Kpatova, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVI, No 1,
1957, pp 78-86.

Columbia Tech

Sci - Electronics
Apr 58

61, 5-61

Spin Waves and Paramagnetic Relaxation in a Liquid,
by I.P. Ipatova, G.M. Lliashberg, 6pp.

RUSSIAN, Ser. Zhur Disper i Teoret Fiz, Vol XIII,
No 5, 1982, pp 1795-1803.

Amer Inst. of Phys
Sov Phys-JETP
Vol XVI, No 5

Sci

Jan 83

341, 567

Also Paradox Effect in Semiconductors Due to
Carriers in a Strong Magnetic Field, by
L. G. Gurevich, I. P. Ipatova, 4 pp.

RUSSIAN, per, Zhur Zhur i Teoret Fiz. Vol XXXVII
No 5 (11), 1959, pp 1324-1329.

Amer Inst of Phys
Sov Phys-JEFF
Vol XXXVII (10), 4 pp

Sci

Jun 60

117, 812

Absorption of Electromagnetic Waves by Homopolar
Crystals

By L. E. Gurevich and I. P. ~~Ipatova~~ pp 7

RUSSIAN, per. Fiz Tverdogo Tela, Vol IV, No 8, 1962
pp 2065-2074

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

Sci

Jun 63

341, 040

The Optical Effects in Semiconductors in the
Infrared Region With and Without a Magnetic Field.
By L. N. Gendrich, E. P. Ipatova, E. I. Gilevich,
7 pp.

RUSSIAN, in, Proceedings of the International
Conference on Semiconductor Physics, 1968, 17th p.
(pp 323-324 Untranslated only).

NAVY/INM 860

See - Supp.
Sup 61

168 2000
2000

IPAT'YEV, A.N.

"Parallelism between Correlation in
Closely Related Taxonomic Groups."

CR LI, No 8, 46, 637

A-4567

Oxidation of Chrome - Silicon Steels in Air at High
Temperatures, G.M. Orlova, and V.V. Ipatyev, 10 pp

RUSSIAN, no per Zhur Prikl Khim SSSR, Vol XXIX,
No 6, Jun 1956, pp 819-824.

7
Consultants Bureau

47,155

Sci - Chemistry
May 57

Micrographic Analysis of the Oxidation Kinetics of Iron, ⁷⁹
by V. I. Tikhomirov, V. Y. Ipat'yev.
RUSSIAN, per, Uchenye Zapiski Leningrad Gosud Univ
Imeni A. A. Zhdanova, No 175, Seriya Khim Nauk,
No 14, Part I, 1964, pp 52-70.
BISI 3200

Sci - Phys
Apr 64

255,076

Physicochemical Properties of Tripotassium Phosphate
Solutions, by L. S. Bezdel', V. P. Todorovich
V. V. Ipatyev, 6 pp

RUSSIAN, *pan*, *Zhur Prikl Khim*, V 1. XXXIII, No 11,
1959, pp 2392-2396

CB

132 18.2

Oct 60

Physicochemical Properties of Thioacetamide in Aqueous
Solutions, by L. S. Resdeh', V. P. Terebenchuk
v. V. Kpatyev, 6 pp

RUSSIAN, per. Zhur Prik Khim, V 1 XXVII, No 11,
1959, pp 2392-2396

CB

132 182

Oct 60

Kinetics of the Oxidation of Silicon Iron in an
Air Atmosphere at High Temperatures. ^{by}
V. V. Ipatyev and G. M. Orlova, 8 pp

RUSSIAN, no per, Zhur Prii Khim SSSR, Vol XXIX,
No 6, Jun 1956, pp 811-814.

8

Consultants Bureau

Sci - Chemistry
May 57

47,154

Ipat'yev, V. V. and Tikhomirov, V. I.
DIFFUSION OF GASES UNDER PRESSURE (Dif-
fuziya Gazov pod Davleniyem). [1960] 12p. (foreign
text included).

Order from LC or SLA ml\$2.40, ph\$3.30 AEC-tr-4307

Trans. of [Zhurnal Obshchey Khimii] (USSR) 1931,
v. 1, no. 6, p. 736-739.

(Chemistry--Physical, TT, v. 5, no. 6)

61-15345

1. Gases--Diffusion
2. Gases--Pressure
- I. Ipat'yev, V. V.
- II. Tikhomirov, V. I.
- III. AEC-tr-4307
- IV. Technical Library Research
Service, Ann Arbor,
Mich.

Office of Technical Services

Removal of Hydrogen Sulfide From Gases by the
Sodium Arsenate Method. I. A Method for
Determination of the Quality of H Sodium
Arsenate Solutions, by M. I. Garbar, V. P.
Teodorovich, N. I. Brodskaya, V. V. Ipatiev,
4 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVI, No 6,
1953, pp 657-659.

Consultants Bureau

Scientific - Chemistry

CTS/DEK

18,082

OXIDATION OF IRON IN WATER VAPOR, Hydrogen-Water Vapor and Oxygen-Water Vapor Mixtures at High Temperatures, by V. I. Tikhomirov, V. V. Ipat'ev, I. A. Gofman, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Naok SSSR, Vol XCV, No 2, 1954, pp 305-308.

Morris D. Friedman
\$3.00

41, 480

Sci - Physics
Dec 56 CES

Rate of Oxidation of Iron in Air and in Oxygen at
High Temperatures, by V. V. Ipat'yev, V. I.
Tikhomirov.

KHIMIA, per, Uchenye Zapiski Leningradskogo
Gosudarst Univ imeni A. A. Zhukovskogo, No 175,
Seriya Khim Nauk, No 14, Part I, 1954, pp 7-20.

BIBI 3197

Sci - Chem
Aug 63

342,192

Rate of Oxidation of Iron in Air and in Oxygen at
High Temperatures, by V. V. Ipat'yev, V. I.
Tikhomirov.

RUSSIAN, per, Uchenye Zapiski Leningradskogo
Gosudarst Univ imeni A. A. Zhdanova, No 175,
Seriya Khim Nauk, No 14, Part I, 1954, pp 7-20.

BIBI 3197

Sol - Chem
Aug 63

342,195

Transfer Phenomena in Compressed Gases. I.
by E. A. Stolyarov, V. V. Ipat'ev, V. P.
Teodorovich, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XLIV, No. 2,
1950, pp 166-176.

Sci Mus Lib - 56/0530

Sci - Physics, Chemistry 36, 389

Jul 1956

Sulphur-Resisting Alloys, by H. Ipavic, 29 pp.

UNKNOWN, per, Heraeus Vacuum-Schmelze, 1923-
1933, pp 290-302. (loan copy only)

SLA 57-2789

Sci
Aug 58

76,873

The Interrelationship between Leguminosae and
Grassy Plants in Mixed Plantings of Corn and
Soybean, by V. M. Ipekshiyar and N. D. Hukhtenko,
4 pp.

RUSSIAN, per, Fisiolog Rastenii, Vol VI, No 6,
1959, pp 491-495

Amer Inst of Biol Sci

Sci

Mar 60

108,954

The Winter Transpiration of Shoots of Young Oaks
in Relation to Their Winter-Hardiness, by
V. M. Ipekdzijan.

RUSSIAN, per, Fiziol Rast, Vol II, No 4,
1955, pp 373-377. Trudy, Inst Fiz Rastonii im
K. A. Timirjazeva Akademii Nauk SSSR, No 1209,
Vol XVIII, 1954.

*PL-480

Sci -
Aug 63

Ipekoglu, F. and Aksu, S.
RESEARCHES ON DOMESTIC PYRETHRUM. [1962] 7p.
Order from K-H \$8.75 K-H 3006-e

Trans. of Inhisarlar Tutun Institusu. Raporlari
(Turkey) 1943, v. 3, no. 1, p. 36-49.

DESCRIPTORS: *Insecticides.

(Chemistry, TT, v. 9, no. 2)

62-22457

1. Title: Pyrethrum flowers
- I. Ipekoglu, F.
- II. Aksu, S.
- III. K-H-3006-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich

Office of Technical Services

Ipekoglu, F. and Turkdogan, A.
THE IMPORTANCE OF NICOTINE IN THE FIGHT
AGAINST HARMFUL INSECTS. [1962] 13p.
Order from K-H \$16.25 K-H 3006-f

Trans. of Inhinerler Tukum Institutuu. Raporlari
(Turkey) 1943, v. 3 [no. 1] p. 17-22.

DESCRIPTORS: *Nicotine, insects, *Pest control.

(Engineering--Sanitation, TT, v. 9, no. 1)

62-22456

- I. Ipekoglu, F.
- II. Turkdogan, A.
- III. K-H-3006-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Concerning Some Classes of Finite Automata,
by V. G. Lazarev, Ye. I. piyl', 11 pp.

RUSSIAN, per, Zhurnal Vychislitel'noy
Matematiki i Matematicheskoy Fiziki, Vol II,
No 4, 1962, pp 695-702.

JPRS 16306

Sci - Math, Phys

Nov 62

217,859

For the Development of Cell Financial Activities,
by Shima Ippai.

JAPANESE, no per, Zeni, May 1957, publ by JCP
Central Committee, pp 67-74. (EDC Jul 57)

tpp
500th MI SV Gp
Tr 94462

FE - Japan

51,865

Econ

Porphyria Tarda, by H. Ippen. 2p.
GERMAN, per, Arch. Klin. Hyg. Germ.,
Vol 219, 1964, p 737.
Dept of Navy/DMHS/MS 115a
5048

45

H. Ippen

Sci-B&M
Dec 66

315,566

Method for Checking Aerometers in a Single Liquid,
by N. D. B. Izdits, N. I. Tarkilova, XX 11.

RUSSIAN, per, Izmeritel' Vol. No 12, 1961,
pp 17-20.

ISA

Sci
Am 62

208,037

Availability, Production and Consumption of
Uranium, by F. Ippolito, 10 pp.

ITALIAN, per, Ind Mineraria (Rome), Vol X, 1959.

ABC NF Tr-467

Sci - Min/Met
10 Nov 60
List 45

131,400

Present State of Uranium Surveys in Italy, by
F. Ippolito.

ITALIAN;

UNESCO, paper, P/918, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol VI.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-659.9.162

5-2, 074

Ippolito, Felice.

CRITERIA OF INVESTIGATION FOR GEOTHERMAL
ENERGY. 29 Nov 61, 25p. 87 refs.
Order from SLA \$2.60

62-20299

Trans. of Naples U. Istituto de Geologia Applicata
[e Arte Mineraria]. Memorie e Note (Italy) 1951,
v. 4, p. 17-32.

DESCRIPTORS: *Geology, Heat, *Energy, Power,
Steam, Water vapor, Volcanoes, *Stratigraphy,
*Mining engineering, Geological surveys, Geophysical
prospecting, Bibliographies,

(Earth Sciences--Geology, TT, v. 10, no. 2)

62-20299

I. Ippolito, F.

Office of Technical Services

by A. P. Kovalov, A.S. Ippolitor, et al. 21 pp. 80
RUBSLAN, per. Ischenomo-Fishchenskiy Zhurnal
Vol 7, No 11, 1964, pp 22-34. 1700545
FTD-MT-65-185

A S Ippolitor

Sci/Physiol
Aug 64

300,242

INVESTIGATION OF A TWO CHAMBER CYCLONE FURNACE WITH
INTERSECTING JETS, BY A. P. KORNILYEV, A. S.
SPELITSKY.

RUSSIAN, PER, ENERGIYA, VOL 'H, NO 11, 1960,
PP 15-19.

ALL N. 6914

SCI - ENR
OCT 62

214,706

CONCERNING THE REACTION OF RHENIUM HEXAFLUORIDE
WITH METAL FLUORIDES, BY N. B. NIKOLAYEV, E. G.
IPPOLITOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL 1, NO 1, 1961, PP 129-132.

CB

204,353

SCI
JUL 62

X-RAY INVESTIGATION OF POTASSIUM AND RUBIDIUM
OCTAFLUORORHENATES, BY E. G. IPPOLITOV, P. A.
KOZ'MIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 5,
1962, PP 1081-1083.

CB

SCI - CHEM

212,219

OCT 62