

(DC-6021)

Socialist Accumulation and Consumption in
Bulgaria, by Iliya Khadzhiliev, 97 pp.

BULGARIAN, bk, Voprosi na Sotsialisticheskoto
Natrupvane i Potreblenie v Bulgariya, 1958, pp 8,
14-22, 23-29, 30-32, 34-37, 38-58, 64-68, 78-83,
85-89, 148-156, 161-175, 180-189, 191-201, 209-212.

JPRS 8629

ESur - Bulgaria

161032

Econ
Aug 61

Khadzhielimovich, Kh.
POSITION OF THE POSTERIOR SEMICIRCULAR
CANAL IN MAN. [1963] [7p] 14refs FASEB Manu-
script no.: S 157-2.
Order from OTS, SLA, or ETC \$1.10 TT-63-24470

Trans. of Arkhiv Anatomii, Gistologii i Embriologii
(USSR) 1962, v. 42, no. 6, p. 84-87.

DESCRIPTORS: *Ear, Bone, Head.

Descriptions are given of the position of the posterior
semicircular canals in the pyramids of the temporal
bone on both sides of the same skull and also in differ-
ent skulls.

(Biological Sciences--Anatomy, TT, v. 11, no. 6)

TT-63-24470

- I. Khadzhielimovich, Kh.
- II. FASEB-5-157-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

1573839

Office of Technical Services

(NY-5254)

Consumption of Coal in Bulgaria, by Bl. Khadzhev,
L. Kozlev, 13 pp.

BULGARIAN, per, Minno Delo i Metalurgiya, Vol XV,
No 5, 1960, pp 39-42.

JPRS 7696

EEur - Bulgaria
Econ
Mar 61

141,446

Distribution of Phase Differences of Oscillations
Among Three Signals Fluctuating in Unison in the
Presence of Correlated Noise, by B.A. Khadzhy,
5 pp.

RUSSIAN, per, Radiotekh i Elektron, No 7, 1962.

AISE

Sci

Feb 63

.233,201

Casting Properties and Selection of
Pouring Method for Seab Forming Fusions of
the ZBB Type, by I. M. Khafuz, 9 pp.

RUSSIAN, bk, Sovremennye Dostizheniya
Literaturo Proizvodstva, 1960, pp 41-46.
9670250

FED-MCL-1001/1

Sci - Engr

166,700

Aug 61

Our Present Concepts of the Geology of the
Central Arctic, by V. N. Saks, N. A. Belov,
N. N. Lapina; The Ice Age and Atlantis, by
E. F. Hagemester; Comments on Hagemester's
Paper, by V. A. Obruchev, 19 pp.

RUSSIAN, per, Priroda, Vol VII, 1955, pp 13-22,
92-96, 96. CIA D 358115.

Def Sci Info Sv
DRB, Canada
T-196 R

Sci - Geophysics

29,903

The Role of the Sympathetic-Adrenal System in
Regulating Haemoglobinosis, by B. A. Korotova,
L. N. Smil, 7 pp.

RUSSIAN, per, XX Pis Zhar SSSR imeni I. M. Sechenova,
Vol XLVII, No 10, 1961.

Elsevier Pub CoJ

Sci

Nov 62

216,369

Forbidden β -spectra of Rb^{86} , Sr^{90} , Y^{90} and $F1^{204}$,
by E. E. Ierlovich, D. M. Khai, A. V. Savatayev, 12 pp.

RUSSIAN, per, Is Ak Nauk SSSR, Ser Fiz. Vol XX, No 3,
1956, pp 275-288.

Columbia Tech Tr

Sci - Physics
Apr 57 C.28

46,028

Experimental Study of Acute-Phase Reactions. Part I.
Cx-Reactive Protein, by L. M. Khai, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVI,
No 10, 1958, pp 50-54.

Consultants Bureau

Sci - Med

Jun 59

90,340

Liquid Phase Diffraction Investigated by
Gamma Irradiation, by L. K. Khaibullin and
N. M. Burlov.

RUSSIAN, Truzheniya, 1963, Vol
10, No 2, pp 70-72.

ML 9022.09 1964 (3579) (On Loan)

CFSTI TT-05-62386

I. K. Khaibullin

Aug 65

286,467

TT-64-15271

Khaibullin, I. Kh. and Borisov, N. M.
INVESTIGATION OF THE LAWS BY WHICH ELECTRO-
LYTES DISSOLVED IN BOILER FEEDWATER PASS
INTO HIGH PRESSURE STEAM. [1964] [12p] 9rads
C. E. Trans. 3224.
Order from OTR, SLA, or ETC \$1.60 TT-64-15271

I. Khaibullin, I. Kh.
II. Borisov, N. M.
III. CE-Trans-3224
IV. Central Electricity
Generating Board,
London (England)

Trans. of Teploenergetika (USSR) 1963, v. 10, no. 3,
p. 12-16.

1283511

(Engineering-Chemical, TT, v. 11, no. 12)

Office of Technical Services

General Rules Governing the Solubility of Substances
in Steam, by M. A. Styrkovich, B. Kh. Khailallin.

RUSSIAN, mono, Vnutrikotlovyye Fiziko-Khimicheskie
Protsessy, Moscow, 1957, pp 11-28.

DSIR LIJ M.796
(loan)
SLA 60-13635

Sci - Chem

Aug 60

122,576

Use of Radioactive Isotopes for Investigating
Solubility of Salts in Water Vapor of Large
Parameters, by M. A. Styrlikovich, I. Kh.
Khaibullin, L. K. Zhokhlov,

RUSSIAN, ^{bk} Trudy Vses Nauch Tekh Konf
Primenen Radioaktiv i Stabil Izotopov i
Izlucheni v Narod Ekos i Nauka, 1957, Vol IV,
1958, pp 42-43.

AEC Tr-4206

Sci - Engr
24 Feb 61

141,057

Equilibrium Phase Diagrams of the Systems $\text{LiCl}-\text{H}_2\text{O}$, $\text{Na}_2\text{SO}_4-\text{H}_2\text{O}$, $\text{CaSO}_4-\text{H}_2\text{O}$ and SiO_2 (quartz)- H_2O , by N. A. Styrlikovich, I. Kh. Khaibullin, 4 pp.

RUSSIAN, thirce-no per, Dok Ak Nauk SSSR, Vol CIX, No 5, Jul/Aug 1956, pp 962-966.

Consultants Bureau

Sci - Chem

56,654

Dec 57

Solubility of Iron in Fused Zinc, Alkali Metal, and
Alkaline-Earth Metal Chlorides, by V. P. Kocherzin,
I. G. Khaipullina. 6 pp.

RUSSIAN, per Zhur Neorgan Khim., Vol I, No 11, 1956,
pp 2617-2622.

ANU-Tr-4592
FL-480

53

342, 696

Khaidarov, A. A. and Novikov, A. P.
APPARATUS FOR THE AUTOMATIC DETERMINATION OF LEAD IN ORES AND CONCENTRATES (Pribor dlya Avtomaticheskogo Opredeleniya Soderzhaniya Svintsa v Rudakh i Kontsentratakh) [1961] [3]p. Warren Spring Lab. Trans. NT 849; DSIR LLU M. 3196.

Order from OTS or SLA \$1.10

61-28129

Trans. from Byulleten' Izobretenii (USSR) 1960, no. 7 (USSR description of an invention, author's attestation, appl. 14 Sep 59 as 638757/22).

DESCRIPTORS: *Lead, Determination, Automatic.
*Ores, Beta particles, Gamma rays

An apparatus is described for the automatic determination of the lead content of ores and concentrates by means of a bridge circuit measuring the gamma-
(Metallurgy, TT, v. 6, no. 12) (over)

61-28129

- I. Khaidarov, A. A.
- II. Novikov, A. P.
- III. Patent Application (USSR) 638 757/22
- IV. DSIR NT-849
- V. DSIR LLU M. 3196
- VI. Department of Scientific and Industrial Research (Gr. Brit.)

Office of Technical Services

Investigation of the Penetrating Component of
Electron-Nuclear Showers by Delayed Coincidence
Method in Conjunction With a Rodoscope, by G. B.
Zhdanov, A. A. Khaidarov, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIII,
No ~~12~~, ~~1957~~, pp 706-713.

4

Amer Inst of Phys
Sov Phys-JETP
Vol 7, No 4

58, 074

Sci - Physics
Jan 58

Absorption of γ Rays by Baked Bricks,
by M. Muminov, Kh. Khaidarov, 7 pp. 77
RUSSIAN, per, Trudy ~~Atomnogo~~ Gos Univ, No 117,
1962, pp 3-11.
AEC-ORNL-Tr-254

Sci-Chem
Mar 65

274,327

73
Tension of Water Vapors over Solutions
NaCl-KCl- H_2O , by N. I. Khaidukov,
S. U. Linotzkaya.
RUSSIAN, per, Kalil, No 6, 1955, pp 55-56.
Dept of Interior
JAN 57
No 176

N. I. Khaidukov

Sci - Chem
Mar 56

1276,421

NCH-201 324

Field 13J

Khalkin, A. B.
MATHEMATICAL REPRESENTATION OF THE CONDITIONS
WHEN A PROPELLER IS ENCOUNTERING ICE. 9 Apr 65.
14p, 3refs. BSRA-1931.
Order from BSRA: L5 as BSRA-1931

Trans. of Sudostroenie (USSR) v30 n3 p32 1964.

I. British Ship Research
Association, London
(England)

The Optical Properties of Bulk Bismuth in the
3-36 Region, by M. N. Markov, A. S. Khaikin,
3 pp.

RUSSIAN, par, Optika i Spektro, Vol IX, No 4,
1960, pp 487-492.

CSA

Sci

141,549

Mar 61

Natural Circulation Under Nonsteady Conditions,
by I. B. Khaikin. UNCL

RUSSIAN, per, Teploenergetika, No 8, 1959,
pp 38-43.

DBIR IJA/ RIB 1350

(15c. (M.))

Sci - Engr

Mar 60

111,076

Khaikin, M. C. and Papok, K. K.
RAPID METHOD OF DETERMINATION OF TETRA-
ETHYL LEAD IN LEADED GASOLINES. [1961] 8p.
14 refs.
Order from OTS or SLA \$1.10 61-18038

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1941.
v. 14, p. 652-661.

DESCRIPTORS: *Gasoline, Chemical analysis. *Lead
compounds, Ethyl radicals, Determination.

(Chemistry--Analytical, TT, v. 6, no. 7)

61-18038

I. Khaikin, M. C.
II. Papok, K. K.

Office of Technical Services

Properties of Magnetoplasma Waves in Bismuth Single
Crystals, by M. S. Khaikin, L. A. Pal'kovskiy,
et al, 9 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLV, No 6, 1963, pp 1704-1716.
Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 5

Sci
Aug 64

263,321

A Self-Quenching Light Meter, by S. F. Rodionov,
M. S. Khaikin, A. I. Shal'nikov, 4 pp.

RUSSIAN, Bino per, Zhur Ekiper i Teoret Fis,
Vol XVIII, No 1, 1955, pp 223-227. CIA C 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,260

Investigation of the Fermi Surface in Lead by the
Method of Cyclotron Resonance, by M. S. Khaikin,
R. T. Mina, 5 pp

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII, No 1,
1962, pp 35-41

AIP
Sov Phys-JETP
Vol XV, No 1

Sci
Jul 62

214,672

Investigation of the Fermi Surface in Lead
by the Cyclotron Resonance Method, by
R. T. Mina, M. S. Shalkin, 10 pp.

RUSSIAN, per, Zhur Eksp: Teoret Fiz,
Vol XIV, No 5, 1963, pp 1314-1316.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 4

Sci
Jun 64

250,321

Investigation of the Fermi Surface in Tin by the Method
of Cyclotron Resonance, by M. S. Khaikin, 6 pp

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII, No 1,
1962, pp 27-34.

AIP
Sov Phys-JETP
Vol XV, No 1

Sci
Jul 62

214,673

+

Investigation of the Anisotropy of the Surface
Resistance of Tin at Low Temperature, by M. S.
Khaikin, 3 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, No 1, 1955, pp 115-117. CIA C 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,278

Surface Resistance of a Superconducting Tin at a
Frequency of 9400 Megacycles, by M. S. Khaikin, 4 pp.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 3,
1952, pp 517-520.

Navy Tr 789/MRL 440

Sub A E-1034

CIA 9012073

Scientific - Physics

Jul 53 CTS

3864

Self-Neutralizing Light Meter With Adjustable
Red Boundary, by M. S. KHEIKER Khaikin, S. I.
Abaulina, 3 pp.

RUSSIAN, bino per, Zhur Eksp^{er} i Teoret Fiz,
Vol XXVIII, No 1, 1955, pp 254-256. CIA C 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31, 348

CYclotron Resonance and Quantum Oscillations of the
Surface Resistance of Bismuth
By M. S. Khaikin, R. T. Mina pp 8

RUSSIAN, per. Zhur Eksper i Teoret Fiz. Vol XLIII,
No 6, 1962, pp 2073

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 6

Sci

340,609

Jul 63

Cyclotron Resonance and Quantum Oscillations of the
Surface Resistance of Bismuth
By N. S. Khaikin and R. T. Maza pp 8

RUSSIAN, per, Zhur Eksp 1 Teoret Fiz, Vol XLIII,
No 6, 1962, pp 2063-2073

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 6

Sci

340, 618

Jul 69

Surface Impedance of Superconducting Cadmium, by
M. S. Khaikin, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 6, 1958, pp 1389-1397.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 6

Sci - Phys
Jan 59

78,719

Direct Measurement of the Momentum of Conduction
Electrons in a Metal, by M. S. Khaikin, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 6, 1961, pp 1773-1779.

AIP
Sov Phys - JET P
Vol XIV, No 6

Sci

Jul 62

205,080

62-12166

Khalkin, M. S., Derstuganov, G. V. and others.
THE DEVELOPING PROPERTIES OF SOME 4-AMINO-
5-PYRAZOLONES AND THEIR DERIVATIVES. [1961]

10p.

Order from ATS \$13.60

ATS-38N36R

Trans. of Vsesoyuz[ny] Nauch[no]-Issledovatel[skii]
Kinofotoinst[itut]. Trudy (USSR) 1960, no. 37, p.17-26.

DESCRIPTORS: *Amines, *Pyrazolones, *Pyrazolones
derivatives, *Photographic chemicals, Chemicals,
Physical properties.

ATS - RT - 2127

(Materials -- Photographic, TT, v. 7, no. 3)

- I. Khalkin, M. S.
- II. Derstuganov, G. V.
- III. ATS-38N36R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

107489

Office of Technical Services

Propagation of Electromagnetic Energy, by Prof. S.
K. R. 1951 pp. UNCLASSIFIED

RUSSIAN, no per, Radio, No 8, USSR, Aug 1951 pp 58-62.

AMC P-ES-7607

Scientific - Electronics, electricity

Jan 53 CTS/DEK

CIA 1017725

Radio Waves, x by Prof S. Khaikin, 12 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Radio, No 1, 1952, pp 56-58.

ATIC-F-TS-7818

USSR

A 5056

Scientific - Electronics, radio, waves, energy,
radiation

127

Capacitance and Inductance, by Prof S. Khaikin,
20 pp.

Full translation.

RUSSTAN, per, Radio, No 2, 1952, pp 54-59.

ATTC-1-18-7828

USER

Scientific - Electronics, radio, electromagnetic,
antennas

146

A New High-Resolution Radio Telescope, by S. E.
Khaikin, N. L. Kaidanovskiy.

RUSSIAN, per, Pribory i Tekh Eksp, No 2, 1959,
pp 19-24.

Internatl Physical Index
Electronics Express
Vol. II, No 2

Sci - Electronics
Nov 59

100,521

Mechanics, by S. E. Khalkin.

RUSSIAN, bk.

Infosearch Ltd.
242, Willesden Lane
London. N. W. 10.

Jun 59

Khaikin, S. E., Kaidanovskii, N. L. and others.
THE LARGE RADIO TELESCOPE AT PULKOVO, tr.
by J. L. Zygielbaum. 30 Jan 62 [60]p. 22 refs. JPL
Trans. 25; NASA N62-10819.
Order from OTS or SLA \$5.60 63-15081

Trans. from Astronomicheskaya Observatoriya,
Pulkovo. Izvestiya (USSR) 1960 [v. 21, no. 5(164)].
Another trans. is available from OTS or SLA \$3.60 as
61-16113 [1961] [34]p.

DESCRIPTORS: *Telescopes, Radio equipment, Radio
astronomy, Design, Construction, Tests, Resolution,
Reflectors, Antennas, Microwave equipment.

The telescope consists of a range of flat reflecting
elements which form a polyhedral surface tangential to
an elliptic cone surface. The reflector transforms the
plane wave into a cylindrical wave with a vertical axis.
(Astronomy, TT, v. 9, no. 5) (over)

63-15081

- I. Khaikin, S. E.
- II. Kaidanovskii, N. L.
- III. JPL Trans-25
- IV. NASA N62-10819
- V. Jet Propulsion Lab.,
Calif. Inst. of Tech.,
Pasadena

0227986

Office of Technical Services

Anomalous Electron Emission of Tungsten Heated by
a High-Density Current Pulse, by S. V. Lubelev,
S. N. Khaikin, 11 pp.

RUSSIAN, per, Zhur Eksptl' i Teoret Fiz, Vol XXVI,
1954, pp 723-~~724~~ 735.

AEC Tr 2602

Sci - Physics
Nov 56 CRB

40, 468

Some Anomalies in the Behavior of Metals Heated by
High-Surge Pulses (excerpts), by S. F. Lebedev, S. E. K
E Khaikin, 8 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol XXVI, 1954,
pp 629-639.

AISC/BCL-T-245

Sci - Phys

Jun 59

88, 889

The Relations of the Allergy Test With Serological
and Bacteriological Tests on Brucellosis, by B.
G. Khaikins, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol
Immunobiol, Vol XXX, No 8, 1959, pp 90-93.

PP

Sci
Aug 60

126,783

The Detection of Bacterial Antigen in the Blood
of a Bruscellosis Patient, by D. G. Khaikina, 3 pp.

RUSSIAN, per Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXIX, No 5, 1958, pp 56-59

Pergamon Inst

Sci - Med

Feb 59

81,074

New Data on the Conditions of Formation and Transformation of Separate Glycogen Fractions in the Brain, by B. I. Khaikina, p 7

RUSSIAN, per, Biochim, Vol XXVII, No 3, 1962, pp 412 - 420

CB

Sci

340, 360

Jul 63

Hydrolysis and Content of Adenosine Triphosphoric
Acid During Stimulation of Central Nervous System,
by A. V. Palladin, B. I. Khaikina, H. M. Poliakova,
6 pp.

RUSSIAN translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXIV, No 4, 1952, pp 777-779.

NIH

Scientific - Medicine Aug 53 CTS/DEX

42/46

Dependence of the Basic Properties of Mixtures and
Vulcanizates of Butadiene-Styrene Rubbers on the
Value of the Initial Molecular Weight, by A. S.
Novikov, M. B. Khaikina, T. V. Dorokhina, M. I.
Arkhangelskaya, 9 pp.

RUSSIAN, bimc per, Kolloid Zhur, Vol XV, No 1,
1953, ~~XXXXXX~~ pp 51-59.

Consultants Bureau

Scientific - Chemistry

CPS/DEX

17,605

Self-Oscillator With Extensive Circuit Damping,
by A. Z. Khaikov, 13 pp.

RUSSIAN, per, Radiotekhnika, Vol XII, No 1, Jan 1957,
pp 63-72. CIA 632532

ATIC F-TS-9190/V

Sci - Electron

Oct 58

75,642

Production of Ammonia-Nitrate Fertilizers from
Gypsum, by P. A. Solodovnikov, N. A. Khaikova,
D. I. Kostina, 9 p.

RUSSIAN, per, Trans Sci Inst Fertilizers, No 101,
1933, pp 38-45.

SLA R-2915

Sci

Jul 59

92,678

The Effective Dynamic Parameters for Sound
Propagation in Inhomogeneous Media, by I. N.
Khaikovich, L. A. Khal'fin, 7 pp.

RUSSIA, per, Akust Zhur, Vol IV, No 3, 1958,
pp 275-281.

AIP
Sov Phys ~~A~~acoustics
Vol IV, No 3

May 62

195,546

Effective Dynamic Parameters of Elastic Media for
the Propagation of Plane Transverse Polarized
Waves, by I. M. Khaikovich, L. A. Khalifa, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz. No 6,
1959, pp 615-626.

AGU

Sci

123,647

Aug 60

The Effective Dynamic Parameters of
Inhomogeneous Elastic Media for Plane
Longitudinal Wave Propagation, by I. H.
Khaikovich, L. A. Khalin. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 4, 1959, pp 505-519.

ATS RI-1813

Sci - Geophys
Jan 60

104,569

**Study of Kinetics of Development of Shear Deformation
tion in Glycerin and in Resin-Transformer Oil in
Solution, by I. A. Dammak, L. V. Khailevko,
4 pp. UNCLASSIFIED**

**RUSSIAN, bino per, Kolloid Zhur, Vol XV, No 6,
1953, pp 426-2 428.**

Consultants Bureau

Scientific - Chemistry

17,843

Rheological Properties of Glycerol Solutions, by
I. A. Dumanskiy, L. V. Khvilenko, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 3, 1960,
pp 277-281.

CB

Sci

May 61

153,284

Investigation of the Kinetics of Shear De-
formation in Aqueous Solutions of Glycerol
Glycine, Sucrose and Xylitol, by I. V. Khailov
No. 3 p. 2.

SUSPENSE, 1951, Dokl. Akad. Nauk SSSR, Vol. 174, No. 5,
1951, pp. 1135-.

Consultant Report

Sci

75 100

Aug 58

Comparative Study of the Elastic and Viscous
Properties of Spinning Viscosae During the
Ripening Process, by I. A. Euzens', L. V.
Khalenko, 4 pp.

RUSSIAN, bino par, Kolloid Zhur, Vol XVII, No 6,
Nov/Dec 1955, pp 424-427. CIA 542760 C, reel 3.

Consultants Bureau

Sci - Chemistry

37,360

Aug 1956

Some Unknown Organic Substances of Sea Water,
by K. M. Khailov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 5,
1962, pp 1200-1203. (9680338)

Navy/ERL Tr: 38 931

Sci - Earth Sci & Astron
Apr 63

227,037

Useful Competition, by V. Khalipov, 3 pp.

RUSSIAN, per, Voyenny Vestnik, No 4, 1962.

ACSI I-0424 D
ID 2191530

Sci
18 Oct 62

213,589

The Operation of Binding Mechanisms With Sheaf
Separators in Flax Pullers, by G. A. Khaillis.

RUSSIAN, per, Traktory i Sel'khoz, Vol XXX;
No 1, 1960, pp 19-22.

ALL RTS 2111

Sci - Engr

Nov 62

217,544

An Electrophoretic Investigation of the Plasma
Proteins from the Blood of (Indoid Fish, by
K. M. Khailov,

RUSSIAN, par, Trudy Nauchnykh Issledovaniy
Biologicheskogo Instituta, Vol 4, 1962, No 8,
pp 203-207

NEL HER 3214

(ON LOAN OR PURCHASE)

K. M. Khailov

Sci - Division
May 67

325,872

Preliminary Processing of Triangulation in Continuous Second- and Third-Order Networks (Based on Operational Experience), by Z. S. Maikov, USSR.

RUSSIAN, per, Geodes i Kartog, No 3, 1960, pp 11-20.

AGU

Sci
Aug 62

206,706

The Actual Accuracy of Measured Angles in Second-
and Third-Order Triangulation Computed from the
errors of Closure of Triangles, by Z. S. Khaimov.
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geodeziya i
Aerofotos'yemka, No 4, 1962, pp. 73-82.

AGU

Sci

341,288

Jun 63

The Practical Analysis of Triangulation Data by
Mathematical Statistics Methods, by Z.S. Khaimov, 9pp.

RUSSIAN, per, Geodeziya i Aerofotosiema, No 3,
1963, pp 37-52.

Amer Geophysical Union

Sci

May 64

258,399

The Criteria of Negligible and Allowable Errors,
by Z. S. Khaimov, 6 pp.

RUSSIAN, per, Geodeziya i Aerofotogrammetriya, No 4,
1953, pp 43-56.

Amer Geophys Union

Sci
Aug 64

254,848

The Use of Portable Towers in the Observation
of Second- and Third-Order Triangulation Stations,
by E. S. Khainov, 4 pp.

RUSSIAN, per, Geodez i Kartog, No 5, 1960,
pp 17-21.

AGU

Sci

Jul 62

204,183

Hydraulic Control of Machine Tools, by
E. M. Khaimovich.

RUSSIAN, Bk, 600 pp.

Pergamon Press

Jan 64

The Determination of the Composition of Green Chromic
Bromide by the Argentometric Method, by Yu. P.
Nazarenko, R. S. Khaimovich, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 8, 1956,
pp. 1758-1765.

ABC-Tr-4589

Sci

340, 916

Apr 63

Nature of Warm Treatment Applied to Crushed Cane.
by V. Khainovsky.

GERMAN, per, Archief voor de Suiker-Industrie in
Ned-Indie Deel II, 1927, pp 811-834.

CSR. CO/

V. KHAINOVSKY

Sci -
July 1967

334-367

Experimental Measurement of Crystallization
Pressure, by V. Ya. Khaimov-Khal'kov, 6 pp.

RUSSIAN, ⁸ok, ⁸ost Kristallov, Vol II, 1959,
pp 17-23, CIA QD 981.56 1959.

Consultants Bureau

Sci - *Chem*

Apr 60

114,205

XX The Effects of a Temperature Gradient in the Growth of Crystals
on the Impurity Distribution in the Growing Crystal
by V. Ya. Khaimov-Mel'kov, V. A. Perlshtain,
4 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 6
Nov-Dec 1959, pp 898-903. 904-907.

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

Sci -
Jul 60

122,363

The Growth Conditions of Crystals in Contact with
Large Obstacles, by V. Ya. Khalnov-Mal'kov, 9 pp.

RUSSIAN, bk, *Rost Kristallov*, Vol II, 1959, pp 26-
39, CIA QD 921.56 1959.

Consultants Bureau

Sci - *Chem*

Apr 60

114,204

The Thermodynamics of Crystallization Pressure, by
V. Ya. Khaimov-Mal'kov, 11 pp.

RUSSIAN, bk, Rost Kristall v, Vol II, 1959, pp 5-
16, CIA INDEX QD 921.56 1959.

Consultants Bureau

Sci - Chem)

Apr 60

114,203

The Problem of the Structure of the Caspian Depression and the Connection Between the Caucasus and the Trans-Caspian, by O. E. Khain, 8 pp.

RUSSIAN, per, Geolog Neft, Vol II,
No 9-A, 1958, pp 11-18.

Rev of Russian Geology

Sci

101,870

Doc 59

Influence of the Roughness of a Surface Film on the
Adhesion of a Lacquer Coating, by I. I. Khain, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 7, 1960,
pp 1526-1529.

CB

165,694

Sci

Aug 61

Process of Phosphatation of Steel in the Presence
of Nitrates of Bivalent Metals, by T. I. Khim,
6 pp

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 11,
1959, pp 2473-2478

CB

132, 196

Oct 60

KHAIN, I. I.

Influence of Different Additions in the Phosphating
of Metals.

ZHURNAL PRIKLADNOI KHIMII, vol. 18, 1945, Nos 4-5,
pp 264-9; 2900 words.

Brutcher No 1868, \$ 3.60

f. 007

Influence of the Surface State of the Metal
on the Composition of Phosphate Films, by
I. I. Khain, 3 pp.

RUSSIAN, per, Zhur Prik Khin, Vol XXXIV,
No 5, 1961, pp 1028-1030.

CB

Sci

186, 015

Feb 62

Investigation of the Composition of Phosphate Films
Formed in Presence of Nitrates, by I. I. Khain, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 7, 1960,
pp 1492-1494.

CB

165,687

Sci

Jul 61

Process of Phosphatation of Steel in the Presence of Nitrates of Trivalent Metals and Nitric Acid (Part III), by I. I. Khain, 5 pp

Russian, per, Zhur Prik Khim, Vol XXXII, No 12, 1959, pp 2662-2666

CB

Sci

135,173

Nov 60

Phosphatation of Steels in the Presence of Nitrates
of Monovalent Metals, by L. I. Khain, 5 PP

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 11,
1959, pp 2463-2467

132, 194

CB

Oct 60

Khain, S. S., Frost, A. V. and others.
DEHYDRATION OF ISOPROPYL ALCOHOL OVER
SOLID CATALYSTS. [1961] 8p. 13 refs.
Order from OTS or SLA \$1.10 61-18344

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1945,
v. 18, p. 301-308.

DESCRIPTORS: *Propanols, Dehydration, *Propyl
ethers, Synthesis, *Aluminum compounds, *Alums,
Catalysts, Chemical reaction, Temperature, Pres-
sure, Velocity

A catalyst was developed with which 25.9-29.4 mol-%
yields of isopropyl ether can be obtained from iso-
propyl alcohol of 92-95% concentration, when calcu-
lated on the alcohol charged or 66.5-73.8% on the
alcohol converted, for a rate of flow of 1.16-5.70
l/kg catalyst per hour and a reaction temperature of
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18344

I. Khain, S. S.
II. Frost, A. V.

Office of Technical Services

**Fundamental Stages in the Evolution of the
Crust, Recent Continental Regions, by V.**

E. Khain, 11pp.

RUSSIAN, per, Moskovskoe Obshchestvo

Izvytatelei Prirody, Vol 37, 1966, No 1, pp

439-449.

V. E. Khain

3-3,052

Sci - Earth Sciences

Apr 67

TT-64-12060

Khain, V. E.
ABYSSAL FAULTS: THEIR MAIN CHARACTERISTICS,
PRINCIPLES OF CLASSIFICATION, AND SIGNIFI-
CANCE IN THE DEVELOPMENT OF THE EARTH'S
CRUST (AN HISTORICAL REVIEW). [1963] 18p
Order from ATS \$24.75 ATS-88Q71R

I. Khain, V. E.
II. ATS-88Q71R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Geol[ogiya] i Razvedka (USSR) 1963, v. 6, no. 3,
p. 13-29.

DESCRIPTORS: *Structural geology, *Faults (Geology),
Lithosphere, Classification, Reviews.

811

(Earth Sciences--Geology, TT, v. 11, no. 3)

Office of Technical Services

Transverse Faults Contemporaneous With Sedimentation
at the Central and Western Boundaries of the Caucasus,
and the Distribution of Mesozoic and Cenozoic Facies,
by V. Ye. Khain, M. G. Lomize, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 4,
1961.

AGU

Sci

210,349

Sep 62

5. Self-Propelled Artillery in the Forcing of
Rivers by Tanks, by G. Khainutskiy, 7 pp., UNCLASSIFIED

Full translation.

RUSSIAN, per, Tankist, No 10, 1944, p 27.

ID (NSUSA G-591-B (5)

USSR
Military

May 53 CTS

2041

An Investigation of the Mechanism of
Vulcanization of Rubber Using Radioactive
Sulphur, I., by S. E. Bresler, V. I. Pryadilova,
V. Ya. Khaizman,

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIV, No 4,
1954, pp 577-598.

25,141
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Scientific - Chemistry Jul 55 CTS