

63-12254

Konobeev, V. I. and Zhavoronkov, N. M.  
HYDRAULIC RESISTANCES IN TUBES WITH NAVY  
ROUGHNESS. July 62 [7]p. 8 refs.  
Order from ICE in v. 2, no. 3, \$15.00/year

- I. Konobeev, V. I.
- II. Zhavoronkov, N. M.
- III. International Chemical  
Engineering, New York

Trans. of Khim[icheskie] Mashinostroenie (USSR) 1962  
[v. 4] no. 1, p. 14ff.

DESCRIPTORS: Hydrodynamics, \*Hydraulic systems,  
Pipes, Resistance, Viscosity, Pressure, Velocity, Ab-  
sorption, Partial differential equations.

(Mechanics--Hydrodynamics. IT, v. 9, no. 2)

Office of Technical Services

High Pressure Pumps, Types NPD-400M and ~~NPS-400M~~  
NPS-400M, by P. T. Golovko, M. Z. Leshak, 2 pp.

*Khim*  
RUSSIAN, per, Mashinostroyeniye, No 1, Jan-Feb 1962,  
pp 92-93.

JPRS 15689

USSR  
Econ  
Sci-Engr  
Oct 62

Zhevnovaty, A. N.  
THE INFLUENCE OF THE BASIC PARAMETERS OF  
HYDROCYCLONE THICKENERS ON THEIR OPER-  
ATING EFFICIENCY. Oct 62 [5]p. 7 refs.  
Order from ICE in v. 2, no. 4, \$15.00/year

Trans. of Khim[icheskie] Mashinostroenie (USSR) 1962  
[v. 4] no. 2, p. 13-17.

DESCRIPTORS: \*Centrifuges, Cyclones, Separation,  
Aluminum compounds, Hydroxides, \*Chemical  
engineering.

(Engineering-Chemical, TT, v. 9, no. 6)

63-12343

1. Title: Hydrocyclones
- I. Zhevnovaty, A. N.
- II. International Chemical  
Engineering, New York

Office of Technical Services

(NY-3000)

PRINCIPAL PROBLEMS IN COMPRESSOR BUILDING,  
4 PP.

RUSSIAN, PER, KHIM MASHINOSTROYENIYE, MAR/APR  
1962, PP 1, 2.

JPRS 14113

USSR  
ECON  
JUN 62

199,916

(NY-3000)

NEW MACHINES, APPARATUS, AND INSTRUMENTS,  
4 PP.

RUSSIAN, PER, KHIM MASHINOSTROYENIYE, MAR/  
APR, 1962, PP 41-44.

JPRS 14113

USSR  
ECON  
JUN 62

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EXPERIENCE IN THE APPLICATION OF POWDER  
METALLURGY, BY R. N. GAREYEV, 3 PP.

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RUSSIAN, PER, MASHINOSTROYENIYE, NO 3,  
MAY-JUN 1962, PP 3-4.

JPRS 15807

USSR  
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SCI-MIN/MET

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MANUFACTURE OF IRON - GRAPHITE FRICTION PLATES  
FOR CLUTCHES OF HEAVY MECHANICAL PRESSES, BY  
A. V. PODMAZOV, AND V. N. MISHCHENKO, 3 PP

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RUSSIAN, PER, MASHINOSTROYENIYE, NO 3,  
MAY-JUN 1962, PP 5-6.

JPRS 15807

USSR  
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SCI-MET  
NOV 62

~~24~~  
215,135  
~~215~~

Light Resistance of Polypropylene and Propylene-  
Ester Fiber, by L. G. Tokareva, N. V. Mikhaylov,  
7 pp.

RUSSIAN, per, Khim Mash, No 3, 1962, pp 23-25.

9697437

FTD-TT-65-21

Sci - Phys  
Aug 65

284,394



(DC-1830)

NEW MACHINES, APPARATUS, INSTRUMENTS, 5 PP.

RUSSIAN, PER, KHIMICHESKOE MASHINOSTROYENIYE,  
NO 3, MAY-JUN 1962, PP 44-46.

JPRS 14713

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ECON  
SCI - ENGR  
AUG 62

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March Plenum of the Central Committee of the CPSU  
and the Tasks of Chemical Machine Building, by  
V. B. Nikolayev, A. V. Flaykin, 10 pp.

RUSSIAN, per, Khimicheskoye <sup>M</sup>Mashinostroeniye,  
No 4, July-Aug 1962, pp 1-3.

JPRS 15689

215,815

USSR  
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Sci-Engn  
Oct 62

Lithium-Bromide Absorbtion Refrigerating Machine,  
by L. M. Rozenfeld, M. S. Karnaukh, 2 pp.

RUSSIAN, per, Khimicheskoye mashinostroyeniye,  
No 4, Jul-Aug 1962, pp 4-5 6.

JPRS 15689

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Econ  
Sci-Engr  
Oct 62

Present Position and Prospects of the Protection  
of Apparatus Against Corrosion, by E. Bartunek

RUSSIAN, per, ~~XXXX~~ Khimicheskoye Mashinostroyeniye,  
No 4, 1962, pp 22-25.

GB/121  
(NLL/5828.4 1963(5261))

Sci-M/M

Oct 63

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Standardization of Self-acting Valves for  
Reciprocating Compressors, by T. F.

Kondrat'eva.

RUSSIAN, per, Khimicheskoe Mashinostroeniye,  
1962, No 4, pp 35-37.

MLL RTS 2452 (On Loan or Purchase)

Aug 65

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Teflon Packing for High-Pressure Compressor  
Glands, by M. A. Berlin.  
RUSSIAN, per, Khimicheskoye Mashinostroeniye,  
1962, No 4, pp 39.  
NLL RTS 2453 (On Loan or Purchase)

Aug 65

288,851

New Machines, Apparatus and Instruments, 9 pp.

RUSSIAN, per, Khimicheskoye mashinostroyeniye,  
No 4, Jul-Aug 1962, pp 43-45.

JPRS 15689

215, 816

USSR  
Econ  
KSci-Engr  
Oct 62

PHAOLYTE ROTARY VACUUM PUMP WITH LIQUID  
PLUNGER, BY V. I. TETERYUKOV, G. FEOKTISTOV,  
ET AL, 5 PP.

RUSSIAN, PER, XKHMICHESKOYE MASHINOSTROYENIYE,  
NO 5, SEP -OCT 1962, PP 1-3.

JPRS 16229

USSR  
ECON.  
SCI - ENGR  
NOV 62

219,741



Gel'perin, N. L., Ainshtein, V. G., and  
Aronovich, F. D.  
THE EFFECT OF SCREENING ON HEAT TRANSFER  
IN A FLUIDIZED BED, Apr 63, 6p. 8 refs.  
Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Khimicheskoe Mashinostroenie (USSR) 1962  
[v. 5] no. 5, p. 134.

DESCRIPTORS: Chemical engineering, \*Heat transfer,  
Shielding, \*Fluidized solids, Heat exchangers, Coils,  
Pipes.

(Physics--Thermodynamics, TT, v. 10, no. 3)

63-17504

1. Title: Screening  
I. Gel'perin, N. L.  
II. Ainshtein, V. G.  
III. Aronovich, F. E.  
IV. International Chemical  
Engineering, New York

Office of Technical Services

The Production of Liquid Oxygen Using an Average-  
Pressure System With Nitrogen Circulation, by  
A. G. Golovintsov, M. B. Stolper, 11 pp.  
RUSSIAN, per, Khimicheskoye Mashinostroyeniye,  
No 5, 1962, pp 17-20. 9668493  
FTD TT-63-113

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Sci - Chem  
May 63

CHEMICAL & INDUSTRY IMPLEMENTS DECISION OF  
XXII CPSU CONGRESS, 11 PP.

RUSSIAN, PER, KHIMICHESKOYE MASHINOSTROYENIYE  
NO 6, 1962, PP 1-3.

JPRS 17843

USSR  
ECON  
MAR 63

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63-17510

Solntsev, M. Ya., Bobe, L. S., and Korotaeva, G. K.  
DETERMINATION OF THE COEFFICIENTS OF HEAT  
TRANSFER FROM A GAS TO A BED OF FREE-  
FLOWING MATERIALS. Apr 63, 5p. 14 refs.  
Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Khimicheskoe Mashinostroenie (USSR) 1962  
[v. 5] no. 6, p. 811.

DESCRIPTORS: Chemical engineering, \*Heat transfer,  
Determination, Separation, Cooling, \*Gases, Viscosity,  
Thermal conductivity, Hydrodynamics, Silicon com-  
pounds, Dioxides, Carbon, Basalt.

- I. Solntsev, M. Ya.
- II. Bobe, L. S.
- III. Korotaeva, G. K.
- IV. International Chemical  
Engineering, New York

Office of Technical Services

(Physics--Thermodynamics, TT, v. 10, no. 3)

Kitover, K. A.

THE PROBLEM OF CALCULATING CIRCULAR TUBULAR GRIDS IN HEAT EXCHANGERS. Apr 63, 6p. 4 refs.

Order from ICE in v. 3, no. 2, \$15.00/year

Trans. of Khimicheskoe Mashinostroenie (USSR) 1962 [v. 5] no. 6, p. 14ff.

DESCRIPTORS: Chemical engineering, Heat exchangers, Cylindrical bodies, Pipes, Design.

(Physics--Thermodynamics, TT, v. 10, no. 3)

63-17511

I. Kitover, K. A.  
II. International Chemical Engineering, New York

Office of Technical Services

Effect of Carbon Content and of Pouring Temperature  
Upon Hot Tearing of 28% Cr Steel Castings, by  
I. M. Yazovskikh et al.

RUSSIAN, per, Khim Mashinostr, No 6, 1962,  
pp 29-30.

HB 5844

Sci-M/M  
Mar 63

NEW MACHINES, DEVICES AND INSTRUMENTS, 8 PP.

RUSSIAN, PER, KHIMICHESKOYE MASHINOSTROYENIYE,  
NO 6, 1962, PP ~~42-43~~.

JPRS 17843

USSR  
ECON  
SCI - ENGR  
MAR 63

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IMPROVING THE APPLICATION OF SCIENTIFIC-RESEARCH  
AND DESIGN RESOURCES IN CHEMICAL MACHINE-BUILDING,  
9 PP.

RUSSIAN, PER, KHIM MASHIN, NO 1, 1963, PP 1, 2.

JPRS 18289

USSR  
ECON  
APR 63

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MODERNIZATION OF EQUIPMENT AS A MEANS FOR RAISING  
THE OUTPUT OF CHEMICALS, BY M. D. MAZO, 12 PP.

RUSSIAN, PER, KHIM MASHIN, NO 1, 1963, PP 3-5.

JPRS 18289

USSR  
ECON  
APR 63

225,722

PROSPECTS FOR DEVELOPING NEW STEELS FOR USE IN  
THE CHEMICAL INDUSTRY, BY M. B. SHAPIRO,  
A. L. BELINKIY, 17 PP.

RUSSIAN, PER, KHIM MASHIN, NO 1, 1963,  
PP 28-31.

JPRS 18289

USSR  
ECON  
APR 63

225,723

THE WORM DEVULCANIZER 320, BY YU. P. VERTEBNYY,  
5 PP.

RUSSIAN, PER, KHIM MASHIN, NO 1, 1963,  
PP 41.

JPRS 18289

USSR  
ECON  
APR 63

225,724

VARIOUS NEW CHEMICAL MACHINES, APPARATUS AND  
EQUIPMENT, 13 PP.

RUSSIAN, PER, KHIM MASHIN, NO 1, 1963,  
PP 13-15.

JPRS 18289

USSR  
ECON  
APR 63

225,725

RUBBERIZED SHEET FILTERK LV-100G, BY S. G. AYRAPETOV,  
6 PP.

RUSSIAN, PER, KHIM MASHIN, NO 2, 1963, PP 3, 4

JPRS 19250

USSR  
ECON  
MAY 63

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NEW MACHINES, DEVICES AND INSTRUMENTS, 8 PP  
RUSSIAN, PER, KHIM MASHIN, NO 2, 1963, PP 44-46

JPRS 19250

USSR  
ECON  
MAY 63

~~23L,001~~  
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TESTING AND INTRODUCTION OF VITREOUS PLASTIC  
PIPE, BY P. V. VLASOV, V. T. KOPYLOV, 5 PP.

RUSSIAN, PER, KHIM MACHINOSTROYENIYE, NO 3,  
1963, PP 28, 29.

JPRS ~~28257~~20280

USSR-ECON

JULY 63

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NEW MACHINES, EQUIPMENT, AND INSTRUMENTS, 10 PP.

RUSSIAN, PER, KHIM MASHINOSTROYENIYE, NO # 3, 1963,  
PP 15-17.

JPRS 20280

USSR-ECON  
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CONDITION AND PROSPECTS FOR DEVELOPMENT OF THE  
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RUSSIAN, PER, KHIM MASHINOSTROYENIYE, NO 4, JUL-AUG  
1963, PP 1-4.

JPRS 21271

USSR  
ECON  
OCT 63

344,504

~~Коррозия стал в серной кислоте и формальдегиде~~

Corrosion of Steel in Sulfuric Acid and Formaldehyde Mixtures,  
by A. L. Labutin, L. P. Matshina.

RUSSIAN, per, Khimicheskoj Mashinostroyeni, No 4, 1963,  
pp 28, 29.

HB 6109

Sci - M/M

Mar 64

250,790

*are Wall Reconditioning*  
~~Reconditioning of Thick-Walled High-~~  
Pressure Vessels, by G. Kh. Farber, D. G. Nik-  
itina.

RUSSIAN, per, Khim Mashinostroyeniye, No 4,  
1953, pp 29-32.

HB 6108

DRB T-17E

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Jan 364

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Magnetic Testing of the Hardness of Steel Tubing,  
by P. I. Vit'ko, V. I. Roitman, et al.

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HB 6126

Sci-M/M

IND: 63

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NEW MACHINES, INSTRUMENTS AND APPARATUS, 6 PP.

RUSSIAN, PER, KHIM MASHINOSTROYENIYE, NO 4, 1963,  
PP 44, 45.

JPRS 21271

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OCT 63

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**A Conference On 1964-1965 Developments in Chemical Machine-  
Building, by M. D. Mazo, 7 pp.**

**RUSSIAN, per, Khim Mash, No 5, Sept-Oct 1963, pp 1, 3.**

**JPRS 23015**

**USSR  
Econ  
Feb 64**

**248, 086**

Gel'perin, N. I., Ainshtain, V. G., Kvasha, V. B.,  
Kogan, A. S., and Vil'bits, S. A.

APPARATUS FOR CLASSIFICATION OF FREE-FLOW-  
ING MATERIALS IN A FLUIDIZED BED. Apr 64.

6p Abstracts

Order from ICE \$15.00/year in International Chemical  
Engineering, 1964, v. 4, no. 2, p. 198-203

Trans. of Khimicheskoe Mashinostroyeniye (USSR) 1963  
(v. 5) no. 6, p. 11-16.

(Engineering-Chemical, TT, v. 12, no. 4)

TT-64-22217-2 (p. 198-203)

- I. Gel'perin, N. I.
- II. Ainshtain, V. G.
- III. Kvasha, V. B.
- IV. Kogan, A. S.
- V. Vil'bits, S. A.
- VI. International Chemical  
Engineering, New York

Office of Technical Services

Methods of Welding Titanium in Chemical  
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Nov, Dec 1963, pp 27-31.  
JPRS 24940

Sxl - M/M  
Jun 64

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The Effectiveness of Cycles, Used for Helium  
Liquefaction, by I. B. Danilov. 15 pp.  
RUSSIAN, per, Khimicheskoye Mashinostroyeniye,  
No 2, 1964, pp 5-9.  
AIR/FTD/MT-24-38-68

Sci/mechan engr  
feb 69

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Investigation of the Processes of Absorption  
of Water Vapor From Gases in a Cyclone-Foam  
Apparatus, by S.A . Bogatykh,  
RUSSIAN, per, Khimicheskaya Mashinostroenie,  
Vol VI, 1964, pp 17-21.  
ICE Vol 4, No 3, pp 487-491

Sept 66

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On the Wear Resistance of Enamel Coatings, by  
G. I. Belyayev, S. M. Ponomarchuk, 7 pp.  
RUSSIAN, per, Khim Mash, No 2, 1964, pp 30-32.  
FTD-TT-65-28

Sci - Chem  
Aug 65

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Chemical Methods of Investigating Synthetic Resins  
and Plastics, by T. N. Kasterina, L. S. Kalinina.

RUSSIAN, bk, Khimicheskiye Metody Issled  
Sinteticheskikh Smol i Plasticheskikh Mass, GKI,  
Moskva, 1963, 284 pp.

\*FTD:MT-64-130

Sci - Chem  
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Electrochemical Properties of Hydrogen in Alloys  
With an Iron Base, by Yu. A. Klyachko, T. A.  
Ismanova, L. L. Kuzis. UNCLASSIFIED

RUSSIAN, per, Khimicheskaya Nauka, Vol III, No 1,  
1958, p 127.

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301 - Min/met, Chem  
Jan 59

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Some New Perfumes Based on Terpinophenols, by  
L. A. Kheyfits, E. A. Simanovskaya, V. N. Belov,  
3 pp.

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ATB-6538R

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Feb 62  
Vol III, No 11

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Beryllium and Its Compounds, by M. B., UNCLASSIFIED

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pp 523-529.

\*ATIC

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26 Nov 58

(NY-1530)

Development of Chemical Industry During the Sixth  
Five-Year Period, by A. P. Milovanov, 9 pp.

UNCLASSIFIED

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No 1, Moscow, 1956, pp 3-7.

US JPRS/NY-L-80

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Sci - Chem  
May 58

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The New Method for Preparing Viscose Solutions,  
by E. M. Mogilevskiy.

RUSSIAN, per, Khim Nauka i Prom, Vol I, No 1,  
1956, pp 38-44.

Assoc Tech Sv  
\$14.75 Tr RJ-798

ATS RS-798

51,758

Sci - Chemistry  
Aug 57

Inorganic Polymers, by A. A. Berlin, V. P. Parini,  
16 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol I, No 1, 1956,  
pp 44-51.

Sci Mus Lib Tr 57/0956  
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Jul 57

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Ways of Using Organophosphorus Compounds, by B. A. Arbuzov

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No 1, Jan 1956, p 109.

CIA/FDD Sum: 1015

Sci - Chemistry , XMX Chemical warfare  
SIR No 8

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Air Classification of Finely Ground Materials,  
by A. N. Polotskiy. UNCLASSIFIED

RUSSIAN, per, Khim Nauk i Prom, No 2, 1956,  
pp 199-204.

Co-Op Tr Scheme 503

Sci - Chem  
Dec 58

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Development of the Synthetic Organic Materials  
Industry, by V. P. Bibishev, 10 pp.

RUSSIAN, bino per, Khim Nauk i Prom, Vol I,  
No 3, 1956, pp 242-247. Encl to IR-1041-57,  
AFOIN-1A1.

AP 1071924

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Sci - Chemistry

Synthesis of Higher Alcohols of Paraffin Series by  
Method of Direct Oxidation of Paraffinic Hydro-  
carbons, 2<sup>a</sup> PP.

RUSSIAN, per, Khim Nauka i Prom, Vol I, 1956,  
pp 273-281.

CIA/PID XI-640

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Sci - Chemistry  
Sep 59

ATS-29M-17R  
ATS-RJ-2704  
OTS-TT-64-10101

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Status and Perspectives for the Development of the  
Polyethylene Industry, by N. M. Yegorov, 14 pp.

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pp 312-316.

ATIC F-TS-9104/III

Sci Chem

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Oct 57

Adsorption in Fluidised Bed, by P. G. Romankov,  
V. N. Lepilin, E. S. Nemit, 20 pp.

RUSSIAN, per, Khim Nauka i Prom, Vol I, 1956,  
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AWRE Tr-13  
*Nov 11 1962*

Sci - Chem  
Jan 62  
List 60

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A Continuous Process for the Saponification of  
Boric Esters of the Higher Fatty Alcohols With  
Simultaneous Extraction and Regeneration of the  
Boric Acid, by N. I. Gal'perin, K. N. Solopenkov.  
USSR

RUSSIAN, per, Khim Mank i Prizn, Vol 1, No 3,  
1956, pp 324-331.

DSIR LIU RTS 1036

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Sci - Chem  
Aug 59

(NY-1531)

Methods and Economics of Obtaining Acetylene, by  
N. P. Fedorenko, 17 pp. UNCLASSIFIED

RUSSIAN, bimo per, Khim Nauka i Prom, Vol I,  
No 3, Moscow, 1956, pp 337-344.

US JPRS/NY-L-81

Sci - Chem  
May 58

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62-14912

I. Lartionov, L. F.

Lartionov, L. F.  
ETHYLENE OXIDES. [1962] 5p. [refs. omitted].  
Order from OTS or SLA \$1.10 62-14912

Partial trans. (p. 440-442) of Khimicheskaya Nauka  
i Promyshlennost' (USSR) 1956, v. 1 [no. 4]  
p. 433-442.

DESCRIPTORS: \*Ethylene oxide, \*Cancer, \*Chemo-  
therapeutic agents, Drugs

(Biological Sciences--Pharmacology, TT, v. 8, no. 7)

Office of Technical Services

Modern Methods of Separating Rare Earths, by I. H.  
Zozerskiy et al.

RUSSIAN, per, Khim Nauk i Prom, Vol. I, No 5, 1956,  
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Co-op Tr Sch Tr 392

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Nov 57

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Tantalum and Niobium in Chemical Industry, by  
G. V. Samsonov, V. I. Konstantinov, 18 pp.  
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Sci Mus Lib Tr 57/4325

Sci - Chem  
Sep 58

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Rubidium and Cesium, Fields of Use and Methods  
of Production, by V. E. Plyushchev, I. V.  
Shakro, 10 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol I, No 5,  
1956, pp 534-539.

Assoc Tech Sv 8LJ16R

Sci  
Aug 58

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Therium, by G. Tronev.

RUSSIAN, per, Khim Nauk SSSR, Vol. I, No 5, 1956,  
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ASLIB-GB4

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Aug 59

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S-665/60

(DC-4499)

The Production of Zirconium, by Ye. K. Safronov,  
G. P. Ivanovskiy, 19 pp.

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JPRS 6106

Sci - Chem

Oct 60

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Application of the Ion-Exchange Method to the  
Extraction, Fractionation and Purification of  
Rare Metals, by D. I. Ryabchikov. UNCL

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1956, pp 554-560.

Co-op Tr Scheme 364

Sci - Chem  
Sep 59

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Questions of Technological Progress in the Nitrogen  
Industry, by L. A. Kostandov. UNCLASSIFIED

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\*DSIR/TCL 99

*Sci Chem*

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Some Questions of Theory and Practice in  
Ammonia Synthesis, by S. S. Lachinov.  
UNCLASSIFIED

RUSSIAN, per, Khim Nauk i Prom, Vol I. No 6,  
1956, pp 610-621.

(Possibly DSIR/TCL 99)

Assoc Tech Sv 4221R

Sci - Chem  
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RUSSIAN, per, Khim Nauk i Prom, Vol I, 1956,  
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Possibly to Come From Contacts  
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USIB INTERNAL USE ONLY

Sci - Chem

Dec 62

New Developments in Organometallic Synthesis,  
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RUSSIAN, per, Khim Nauka i Prom, Vol II, No 1,  
1957, pp 19-23.

Asso Tech Svc 16J16R

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Modern Methods for the Production of Pure Ethylene, by  
P. V. Zimakov, UNCL

RUSSIAN, per, Khim Nauk i Prom, Vol II, No 1, 1957,  
pp 24-34.

\*DSIR/TCL 112

Sci - Chem  
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<p>Silich, M. I.          PREPARATION OF ALDEHYDES AND ALCOHOLS BY          THE OXO PROCESS. [1961] 9p.          Order from ATS \$13.35</p>	<p>61-22937          I. Silich, M. I.          II. ATS-65N51R          III. Associated Technical          Services, Inc.,          East Orange, N. J.</p>
<p>Trans. of Khim[ichestskaya] Nauka i Prom[yshlennost']          (USSR) 1957, v. 2, no. 1, p. 59-64.</p>	<p>61-22937          177765</p>
<p>DESCRIPTORS: *Aldehydes, *Alcohols, Synthesis,          *Oxo process.</p>	<p>Office of Technical Services</p>
<p>(Chemistry--Organic, TT, v. 6, no. 4)</p>	

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L2. Os. Od. elsewhere

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SLA 59-10328

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B. A. Dolgoplosk, V. A. Krol, 4 pp.

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DESCRIPTORS: \*Sulfuric acid, \*Aerosols, Liquids,  
Gases, \*Purification.

(Engineering--Chemical, TT, v. 11, no. 6)

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DESCRIPTORS: \*Glass, Melting. \*Ceramic materials,  
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methods.

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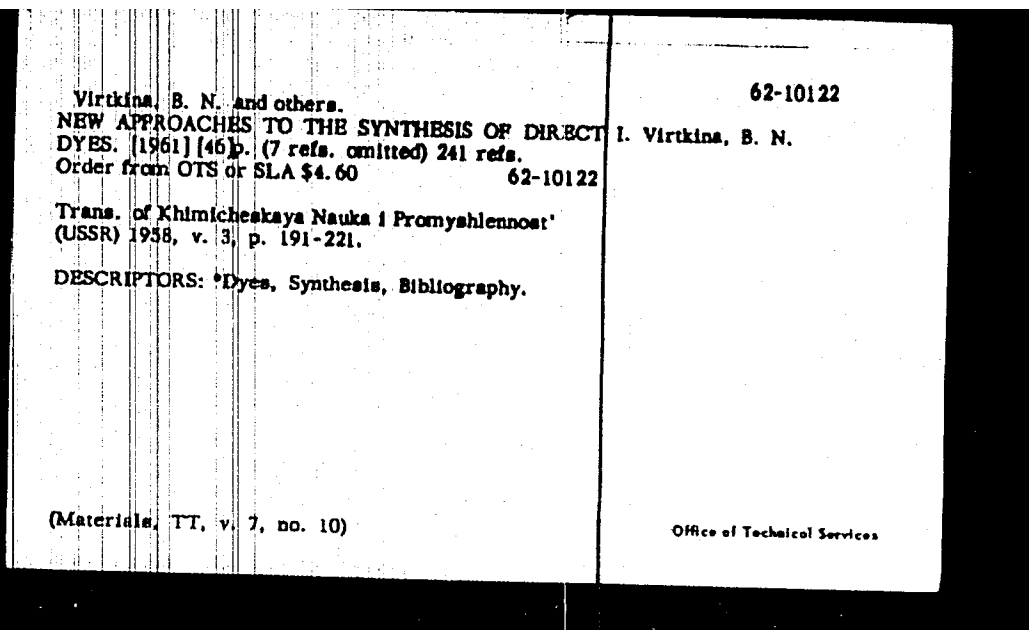
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(USSR) 1958, v. 3 [no. 2] p. 174-190.

DESCRIPTORS: \*Anthracenes, Quinones, \*Dyes,  
Synthesis.

(Materials, TT, v. 7, no 10)

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