

Determination of Silica in the Presence of Organic  
Colloids, by P. N. Grigor'yev, P. I. Pozharskaya, 3 pp

RUSSIAN, per, Zavod Lab, Vol. 7, 1936, pp 1443-1444.

ATS-48129R

Sci - Chemistry  
Eov 59

103,261

On the Equations of Motion for Systems With Non-ideal Constraints, by G. K. Pozharitskiy, 8 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No. 1960, pp 458-462.

PP

Sci

Jan 63.

157,186

On the Property of the First Approximation System,  
by G. K. Pocharitkiy, 3 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII, No 1,  
1956, pp 143-144.

Fergamon Inst

Sci - Mathematics, Physics  
Nov 58

76,142

POZHAROV, I. A.

T-574

Determination of Silica in the Presence of Organic  
Colloids, by F. N. Grigor'yev, P. I. Potchinskaya,  
3 pp.

RUSSIAN, per, Zavodskaya Laboratoriya USSR, Vol  
7, 1936, pp 1443, 1444.

ATE-481298

Sci - Chem  
Dec 59  
Vol. 2, No 4

102,809

Investigation of the Reaction of Phenylhydrazine  
With Chlorophenols by the Method of Physicochemical  
Analysis, by F. T. Pozharsky, D. E. Dionisyev,  
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,  
Jun 1956, pp 1568-1571.

Consultants Bureau

Sci - Chemistry  
Jul 57

49,689

Synthesis of Physiologically Active  $S^{35}$  - Labeled  
Compounds, by Yu. V. Markova, A. M. Pozharskiya,  
V. I. Maimin, T. P. Zhukova, N. A. Kosolapova,  
M. E. Shebukina, 7 pp.

RUSSIAN, thrice-mo par, Dok Ak Nauk SSSR, Vol. 1953,  
pp 1129-1132.

AEC Tr 2537

Sci - Chemistry  
Aug 1956 CTS/dax

37,486

Spectrophotometric Study of the Complex Formation  
Processes of Tetravalent Plutonium in Nitric Acid  
Solutions, by L. V. Lapis, B. G. Pozharskiy, V. V.  
Fozain, pp. 9.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 2,  
1960, pp. 135-144.

CB

168,961

Sci

Sept 61



Properties of Plutonyl in Nitric Acid I.  
Hydrolysis of Plutonyl Nitrate, by M. E.  
Krevinskaya, V. D. Nikol'skiy, B. G. Pozharskiy,  
B. E. Zastenker, 5 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,  
pp 548-553. ~~97~~ 9079524

Infosearch Ltd. London  
as RK-59/5.9

Sci - Chem

164, 302

Aug 61

Preparation and Properties of Plutonyl Nitrate,  
by M. S. Krevinskaya, V. D. Nikol'skiy, B. G.  
Pozbarskiy, E. E. Zastenker, 4 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,  
pp 562-566. 9079528

Infosearch Ltd. London  
as RK-59/5.11

Sci - Chem

Aug 61

164,306

Drift of Current Carriers Which Have Been Formed  
by the Effect of a Strong Electric Field, by Yu. K.  
Pozhela, 2 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 2,  
Feb 1956, pp 281-283.

Amer Inst of Phys  
Soviet Phys-Tech Phys  
Vol I, No 2

51,492

Sci - Physics  
Aug 57

The Problem of the Effect of a Strong Field in  
Semiconductors, by Yu. K. Pozhela, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 2,  
Feb 1956, pp 277-280.

Amer Inst of Physics  
Soviet Phys-Tech Phys  
Vol I, No 2

Sci - Physics  
Aug 57

57,491

Experimental Processing of Yarn from a Blend Produced  
at the Ginnery, by N. N. Pozhidayev, 5 pp.

RUSSIAN, per, Iz VUZ, Tekh Tekstil'noy Prom, No 6  
(19), 1960.

Textile Institute

214,242

Oct 62

Sci

On the Blending Capabilities of Saw Gins,  
by N. N. Pozhidayev, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb 'aved, Tekh  
Tekstil Prom, No 2(15), 1960.

Textile Institute

Sci

May 62

193,0233

(NY-6568/2)

On the Scientific Work of the Chairs of the  
Kiev Technological Institute of the Light  
Industry, by N. N. Pozhidayev, 12 pp.

RUSSIAN, per, Iz Ucheb Zaved, Tekh Legkoy  
Prom, No 6, 1959, pp 6-10.

JPRS 9848

165,434

USSR  
Econ  
Sep 61

(R. 61.7)  
A Cytochemical Study of the Preembryonic  
and Early Embryonic Periods in the  
Ontogenesis of Mammals, by Ye. A.  
Fominidzev, 15 pp.

RUSSIAN, per, Histologiya, Vol. II,  
No. 6, Nov/Dec 1960, pp 640-650.

JPRS 11485

Sci  
Jm 62

174.575



Cyanoethylation of Some Glycols and Preparation of  
Amines from the Nitriles, by E. A. Pozhiltsova,  
3 pp,

RUSSIAN, DOK, Dok Ak Nauk SSSR, Vol XCI, 1953,  
pp 269-270.

CIA/FID/X-1558

Scientific - Chemistry

Feb 55 CIB

21,435

Adsorption Equilibria and the Energy of Adsorption  
Forces, by N.N. Avgul, A.A. Isirikyan, A.V. Kiselev,  
I.A. Lygina, D.P. Poshkus, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 11, 1957, pp 1314-1327

Consultants Bureau

Sci - Chem

May 59

86,996

Significance of Ovarian Hormones in the  
Pathogenesis of Radiation Embryopathy in  
Rats after Roentgen Irradiation of the Female  
Gamete, by E. A. Poshidayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol <sup>C</sup>LXXXVII,  
Nos 1-3, 1961, pp 441-444.

AJP  
Soviet Physics  
Vol VI, No 3

Sci

169,336

Sep 61

Cotton Blending and Cleaning Processes on the  
Automatic Production Line, by N. N. Pozhidayev,  
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh  
Tekstil Prom, No 2, 1961.

Tex Inst

Sci

Jan 63

270,241

Influence of Desensitizers on the Photoelectrochemical  
Effect in Silver Bromide, by K. K. Davidov, E. A.  
Pozigun, 6 pp.

RUSSIAN, per, Zhur Nauch Prik Fotograf i Kinematog,  
Vol VI, No 3, 1961, pp 161.-163.

CIA/FDD XX-1111  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185,955

USIB INTERNAL USE ONLY

The Drift of Ionospheric Irregularities  
According to the Observations Carried Out In  
Rostov-on-Don, by V. L. Pozigun.

RUSSIAN, blt, Issledovaniya Neodnorodnosti v  
Ionosfere, Part V, No 4, 1960, pp 70-75.

Amer Meteorol Soc T-RC-21.

*170, 2.56*

Sci - Geophys  
Oct 61.

Relation Between the Filler Content of a Sodium  
Butadiene Rubber Stock and Its Visco-Elastic  
Properties, by M.D. Nusinov, A.A. Pozin, R.I.  
Ospivat, N.S. Ilin, 3 pp.

Res Assoo of British Rubber Manuf  
RUSSIAN, par, Kauchuk i Rezina, Vol XII, No 5,  
1960, pp 21-23.

Sci.  
Jan 61

135,087

Methods of Determining the Tendency of Rubber Stocks  
to Become Porous During Vulcanisation, by E. D.  
Mikhlin, L. I. Poretskaya, A. A. Pozin, V. P.  
Artsava, I. E. Galbraikh, L. P. Scherbakova, T. F.  
Mikiforova, 6 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XVIII, No 12,  
1960, pp 23-28.

British Rubber Manufacturers

Sci  
Jul 60

120, 423



(NY-2800)

Ways of Reducing the Production Cost of  
Window Glass and Plate Glass in 1961-  
1963, by M. A. Plotkina, B. L. Pozin,  
6 pp.

RUSSIAN, per, Steklo i Keramika, No 9,  
1961, pp 40-42.

JPRS 11343

178, 115

USSR  
Econ  
Jan 62

Pozin, L. M. and others.  
FAST-SETTING CEMENT FROM ZINC DUST AND  
UNSATURATED POLYESTER RESINS. Mar 64  
Order from TTIS \$8.00      TTIS NS 188  
Trans. of Russian patent 157,749, appl. 22 Nov 61.

TT-64-1221

- I. Pozin, L. M.
- II. Patent (USSR) 157 749
- III. TTIS-NS-188
- IV. Translation and Technical  
Information Services,  
London (England)

1280895

(Materials, TT, v. 11, no. 11)

Office of Technical Services

Foam Procedure for Gas-Liquid Contact, by M. E.  
Fozip, I. P. Mukhlenov, E. S. Twardina, E. Ya.  
Tarat, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVII, No 1,  
USSR, Jan 1954, pp 12-21. CIA C 36893

Consultants Bureau

Scientific - Chemistry

OTS 66/Mar 55

*21, 689*

Suppression of Foam by Readily Soluble Gases, by  
I. E. Pozin, E. S. Tumarkina  
pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 11,  
1954, pp 1180-1183. CIA C 41478

Consultants Bureau

Scientific - Chemistry  
Apr 56 CBS/dex

32,955

Analysis of the Dust Collecting Process in Foam Apparatus, by M. E. Pavin, I. P. Mikhlenov, V. Ya. Demshin, 4 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol. XXVIII, No 10, 1955, pp 1116-1119, CIA C 42515

35,798

Consultants Bureau

Scientific - Chemistry  
Jun 56/dex

The Foam Method for the Treatment of Gases and Liquids, by M. E. Pozin, I. P. Mukhlenov, E. S. Tatarskaya, E. Ya. Tarat, 2 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 5, May 1956, p 806.

CONSULTANTS BUREAU

Sci - Chem  
Feb 57 CTS

44,258

Heat Exchange in Crossflow During Evaporation and  
Condensation, by M. E. Pozin, 20 pp.

RUSSIAN, Izv. Zhur Prikl Khim, Vol XXVI, No 11, USSR,  
Nov 1953, pp 1133-1156. CIA D 167132

Consultants Bureau

USSR

Scientific - Chemistry

*2/392*

CTB 65/feb 1955

Pozin, M.E. and Vesol'sobe, Ya.Ya.  
1. OXYDATION DU SOUFRE PAR L'ACIDE SULFURI-  
QUE NITREUX (Oksidatsiya Sery Nitrozoi) (Oxidation  
of Sulfur by Nitrosic) 22p. (foreign text included)  
2 refs. CNRS-VIII bis 261.  
Order from ICS, ITC or CNRS 50,86 TT-62-28265

Trans. in French of Zhurnal Prikladnoi Khimii (USSR)  
1955, v. 28, no. 3, p. 229-236.

DESCRIPTORS: \*Sulfur, \*Oxidation, Sulfuric acid,  
Nitro radicals, Experimental data.

(Chemistry--Inorganic, TT, v. 11, no. 8)

TT-62-28265

I. Pozin, M.E.  
II. Vesol'sobe, Ya.Ya.  
III. CNRS-VIII bis 261  
IV. Centre National de la Recher-  
che Scientifique, Paris

Office of Technical Services  
European Translation Centre



TT-62-28742

Pozin, M.E., Ginstling, A.M. and Pechkovskii, V.V.  
ETUDE DE LA REACTION D'OXYDATION DES SUL-  
FURES ET MINERAIS SULFURES (K Izucheniyu  
Protsessa Okisleniya Sul'fidov i Sul'fidnykh rud)  
(Study of the Oxidation of Sulfides and Sulfide Ores).  
16p. (foreign text included) 3 refs. CNRS-VII 42.  
Order from OTS, ETC or CNRS SI.60 TT-62-28742

I. Pozin, M.E.  
II. Ginstling, A.M.  
III. Pechkovskii, V.V.  
IV. CNRS-VII 42  
V. Centre National de la Recher-  
che Scientifique, Paris

Trans. in French of #Zhurnal Prikladnoi Khimii  
(USSR) 1955, v.28, no.12, p.1249-1254.

DESCRIPTORS: Oxidation, \*Sulfides, Ores (Metal  
sources), Sulfur compounds, Oxides, Sulfates.

(Chemistry--Inorganic, TT, v. 11, no. 8)

Office of Technical Services  
European Translation Centre

TT-62-28760

Pozin, M.E., Kopylov, B.A. and Tarat, E.A.  
INFLUENCE DE LA HAUTEUR DE LA COUCHE DE  
MOUSSE SUR UNE GRILLE SUR L'ABSORPTION DE  
L'ANHYDRIDE CARBONIQUE DANS UNE SOLUTION  
ALCALINE (Vliyaniye Vysotysloyaieny Nasitchatoi  
Tarelke na Absorptsiyu Dvukisi Uteroda Rastvorom  
Shchelochi) (Effect of the Height of the Foam Layer  
on a Sieve Plate on Absorption of Carbon Dioxide by  
Alkali Solution). 17p. (foreign text includ-3) 9 refs.  
CNRS-VI 517.

Order from OTS, ETC or CNRS \$1.60 TT-62-28760

Trans. in French of Zhurnal Prikladnoi Khimii  
(USSR) 1959, v. 32, no. 5, p.1004-1010  
Another trans. is available in English from OTS  
\$4.00 in TT-61-21982, Apr 61 (309p.)

DESCRIPTORS: \*Carbon dioxide, \*Absorption,  
Alkali metal compounds, Solutions, Foams,  
Hydroxides.

(Engineering--Chemical, TT, v. 11, no. 8)

I. Pozin, M.E.  
II. Kopylov, B.A.  
III. Tarat, E.A.  
IV. CNRS-VI 517  
V. Centre National de la Recherche  
Scientifique, Paris

Office of Technical Services  
European Translation Centre

TT 62-28761

Pozin, M. E., Popovlev, B. A., and Tarat, E. A.  
ADSORPTION DE L'OXYDE DE CARBONE POUR LES  
SOLUTIONS MICROSCOPES DE SOUDE CAUSTIQUE  
(Pochi-bu-yeau Di-ou-ssi U-ler-ohi Ra-byo-ri-i E-fo-ya  
Natr-ya i Pe-mer-ye Re-oh-ma) (Absorption of Carbon  
Dioxide by Carbonic Soda Solutions under Exim Con-  
ditions). (Sp. Foreign text included) 14 refs.  
CNRS M 517.  
Order from OISI, E. C. or CNRS SL 60 TT 62-28761

I. Pozin, M. E.,  
B. A. Popovlev, B. A.,  
E. A. Tarat, E. A.,  
IV, CNRS M 517  
V, Centre National de Recherches  
Scientifiques, France

Tras. Akad. Nauk SSSR, Zhurnal Prikladnoi Khimii  
(USSR, 1959, v. 32, no. 5, p. 1011-1015.

SYNOPSIS: Carbon dioxide, Absorption,  
Sodium Carbonates, Hydroxides, Solutions, Exim.

(Eamber) (Chemical, TT, v. 11, no. 8)

Office of Technical Services  
European Translation Centre

Rate of Decomposition of Kara-Tau Phosphorites  
with Phosphoric Acid, by M.E. Pozin, B.A. Kopylov,  
D. P. Zhil'tsova, 7 pp

RUSSEAN, par, Zhur Prik Khim, Vol XXXII, No 11,  
1959, pp 2377-2383

CB

Oct 60

132,180

POZIN, M. E.  
GINSTLING, A. M.

The Thermochemical Conversion of Ferrous Sulfate:  
7-Pages

Russian, Zhur Prik Khim, Vol XXIV, No. 2, Feb 1951.

Consultants Bureau Translation

A3192

Possibility of Decreasing the Consumption of  
Dilute Nitric Acid in Decomposition of Phosphates, by  
M. E. Pozin, B. A. Kopylev, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 6,  
1962, pp 1184-1191.

CB

Sci  
Jan 63

233,558

Mechanism of Decomposition of Kara-Tau Phosphorite,  
by Sulfuric Acid, by M. E. Pozin, B. A. Kopylev,  
10 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 5, 1962, pp  
pp 929-938.

CB

Sci

Jun 63

233,706

Possibility of Decreasing the Consumption of  
Dilute Nitric Acid in Decomposition of  
Phosphates, by M. M. E. Pozin, B. A. Kopylov,  
7 pp.

RUSSEIAN, pe, Zhur Prikl Khim, Vol XXXV, No 6,  
1962, pp 1184-1191.

HE CB

SOI  
Jun 63

233,558



Certain Fundamental Reactions in the Process of  
Sulfide Ore Oxidation, by M. E. Pofin, A. M.  
Ginstling, V. V. Pechkovsky, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 12,  
Dec 1954, pp 1237-1243. CIA C 42155.

Consultants Bureau

Sci - Chemistry

35,225

Jun 1956/Dex

Calculation of the Equilibrium Composition of Nitroson  
Gas over Nitric Acid Solutions, by M. E. Fozin,  
B. A. Kopylov, et al., 9 pp.

U.S.S.R., paper, *Chem. Eng. Technol.*, Vol. 1, 1963,  
pp 15-20.

CB

Sci  
Nov 63

243,177

Production of Superphosphate From Kara-Tau  
Phosphorites by a Process Without the Use of a Den  
(From "Thickening" Pulp), by H. B. Posin, B. A.  
Kozlov, et al, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol. XXXIV, No 8, 1961,  
pp 1653-1661.

CB

Sci

200,433

Jun 62

A Philosophical Basis for the "Classical"  
Theory of "Solid Phase" Reactions. A Criticism  
of the Taubman-Hedvall Doctrine, by M. E. Pogin,  
A. M. Ginstling, 6 pp.

RUSSIAN, no par, Zhur Prikl Khim, Vol XXVI, No 6,  
1953, pp 561-568.

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,070

The Decomposition Rate of Apatite in Unsaturated  
Solutions of the System CaO-P<sub>2</sub>O<sub>5</sub>-H<sub>2</sub>O, by  
M. E. Pozin, B. A. Kopylev, et al, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 6,  
1963, pp 1175-1180.

CB

Sci-  
Aug 64

264,876

Role of the Degree of Oxidation of Nitrogen  
Oxides During Conversion Into Nitric Acid, by  
M. E. Poshin, B. A. Kopylov, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XLV, No 4,  
1962, pp 717-722.

CH

Sci

Feb 63

232,707

Crystallization of ~~EX~~ Calcium Sulfate During the  
Interaction of Monocalcium Phosphate with Sulfuric  
Acid in Phosphoric Acid Solution, by M. E. Pozin,  
B. A. Kopylev, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 11,  
1961, pp 2384-2390.

CB

Sci

Jul 62

205,160

Nature of the Gas-Liquid disperse System, by M. E. Pozin, I. P. Mukhlenov, E. Ya. Tarat, 8 pp.

RUSSIAN, per, Zhur Frik Khim, Vol XXX, No 1, 1957, pp 45-51.

Consultants Bureau

Sci - Chem

Jun 58

65,260



Absorption of Carbon Dioxide by Caustic Soda  
Solutions under Foam Conditions, by M. N. Fozina,  
B. A. Kopylov, Ye. A. Tsvet, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 5,  
1959, pp 1011-1015.

Consultants Bureau

Sci

Jun 60

117,777

Investigation of Metastable Equilibria in the System  
 $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$ , by M. E. Pozin, B. A. Kopylov,  
Wang Li-shen, 9 pp.

RUSSIAN, per, Zhur Prii Khim, Vol. XXXIII, No 7, 1960,  
pp 1482-1491.

CB

165,684

Sci

Jul 61

Absorption of Ammonia by Cuprousmonium Solution in  
a Foam Apparatus, by M. E. Pozin, B. A. Kopylov,  
N. A. Petrova, 6 pp

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 7,  
pp. 1007-1012.

Consultants Bureau

Sci - Chem  
Aug 59

93, 817

Kinetics of the Absorption of Water Vapor by  
Sulfuric Acid Under Turbulent (Foam) Conditions, by  
M. E. Pozin, E. Ya, Tarat, 10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 9, 1958,  
pp 1332-1341.

Consultants Bureau

Sci - Chem

Sept 59

97,576

The Rate of Interaction of Apatite with  
Sulfuric Acid in the Course of Mixing, by  
M. E. POZIN, G. S. Grigor'yev, B. A. Kopylev,  
A. D. Sokolova, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 5,  
1958, pp 693-700.

Consultants Bureau

Sci - Chem

Jun 59

88,627

Effect of Gas Velocity on Mass Transfer in  
Absorption Under Bubbling and Foam Conditions, by  
M. E. Pozin, B. A. Kopylov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 3, 1958,  
pp 387-393.

Consultants Bureau

Sci - Chem

Apr 59

84,582

Crystallization of Potassium Chloride from <sup>10</sup>Kainit  
Liquors, by M. E. Pozin, M. I. Marnatova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 9, 1957,  
pp 1378-1382.

Consultants Bureau

*also TT-62-12517*

Sci - Chem

Dec 58

*77,732*

Crystallization of  $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$  from Metastable  
Solutions in the System  $\text{Ca}(\text{NO}_3)_2\text{-H}_3\text{PO}_4\text{-HNO}_3\text{-H}_2\text{O}$ ,  
by M. E. Pozin, B. A. Kopylov, Van Li-shen.  
~~SECRET~~ 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 5,  
1961, pp 994-1001.

CB

Sci

Feb 62

186.019



The Quality of Potassium Chloride Obtained from Kainite  
Liquors of Different Composition, M. E. Pozin, M. I.  
Muratova, 5 pp.

RUSSIAN, part, Zhur Prik Khim, Vol XLX, No 9, 1957,  
pp 1383-1385.

Consultants Bureau

Sci - Chem

Dec 58

77,733

Efficiency of the Absorption of Gases of Different Solubilities by the Bubbling and Foam Methods, by M. E. Pokin, B. A. Kopylev, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 3, 1957, pp 362-368.

Con Bu

Sci - Chem  
Aug 58

69, 467

The Efficiency of Chemical Equipment as a Function  
of the Material Flow Rates and of the Rate  
Coefficients of Chemical, Diffusion, and Thermal  
Processes, by M. E. Pozin, 11 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 9,  
Sep 1956, pp IX 1336-1346.

(Consultants Bureau

Sci - Chemistry  
Sep 57

5-2, 591

Nitrogen Oxide Losses in Waste Gases From Nitro-  
Sulfuric Acid Systems, by M. E. Pozin, G. V.  
Belchenko, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIX, No 7,  
JUL Jul 1956, pp 972-976.

Consultants Bureau

48,610

Sci - Chemistry  
Jun 57

Semen Isaakovich Volkovich, by A. M. Dubovitskiy,  
M. E. Pozin, 4 pp.

RUSSEAN, no per, Zhur Frik Khim, Vol XXIX, No 11,  
1956, pp 1617-1620.

Consultants Bureau

Sci - Misc

59,402

Mar 58

Rate of Absorption of Carbon Dioxide by Hydroxide  
by M. E. Pozin.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, No 11, 1948,  
pp 1184-1185.

Dept of Interior  
National Coal Bd Tr A 1181/IFW  
US Bur of Mines  
Central Experiment Station  
Pittsburgh, Pa

TT-63-20164

Pozin, M. E.

THE THEORY OF CHEMICAL ABSORPTION. X. THE CRITERIAL EQUATION OF MASS TRANSFER THROUGH THE DIFFUSION LAYER OF GAS IN THE PROCESS OF SCRUBBER ABSORPTION [Teoriya Khemosorbtsii, X.], [1963] [16p] 5refs  
Order from OTS, SLA, or ETC \$1.60      TT-63-20164

I. Pozin, M. E.  
II. Title: Criterial...

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1948, v. 21, no. 3, p. 218-226. (Abstract available)

DESCRIPTORS: \*Absorption, \*Towers (Chemistry), Transport properties, Diffusion, Gases, Equations,

125059

The task of the experimental study was to verify the finding from the experimental data of the function  $Nu_g = f(Re_g, Pr_g)$ , with the aim of verifying the functional bonds, which determine the magnitude of the partial coefficient of absorption  $k_g$ , characterizing the rate of mass transfer through the diffusion layer of (Chemistry--Physical, TT, v. 11, no. 4)      (over)

Office of Technical Services

TT-63-18566

Pozin, M. E.

THE THEORY OF CHEMICAL ABSORPTION. VIII. ON THE COEFFICIENT OF THE RATE OF ABSORPTION.

[1963] 17p (figs formulae omitted) 12refs

Order from OTS, SLA, or ETC \$1.60      TT-63-18566

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20, no. 10, p. 963-975. (Abstract available)

A trans. is available in Dutch from OTS or ETC \$2.71 in TT-61-17957; MTWL-303, 43p.

DESCRIPTORS: \*Absorption, \*Kinetic theory, Diffusion, Absorbents, \*Towers (Chemistry), Fluid flow,

There is established the regularity for the rate of mass-transmission through a diffusion layer of liquid in the form of a function of dimensionless criteria characterizing the physical, hydrodynamic and geometric conditions of work of a scrubber. The experiments which (Chemistry--Physical, TT, v. 11, no. 4)      (over)

I. Pozin, M. E.  
II. Title: Or...

Office of Technical Services



TT-63-20162

Pozin, M. E. and Opykhtin, M. A.  
THE THEORY OF CHEMICAL ABSORPTION. V. THE  
ABSORPTION OF CHLORINE AND SULPHUR DIOXIDE  
BY SOLUTIONS OF CAUSTIC SODA: THE ABSORP-  
TION OF CHLORINE BY BENZENE (Teoriya  
Khemosorbtsii. V; Absorbtsiya Khloro i Sernistogo  
Gaza Rastvorami Edkogo Natra; Absorbtsiya Khloro  
Benzolom). [1963][23p] (foreign text included) 4 refs  
Order from OTS, SLA, or ETC \$2.60    TT-63-20162

I. Pozin, M. E.  
II. Opykhtin, M. A.  
III. Title: Absorption...  
IV. Title: Absorption...

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947,  
v. 20, no. 6, p. 523-631. (Abstract available)

DESCRIPTORS: \*Absorption, \*Chlorine, \*Dioxides,  
\*Sulfur compounds, \*Sodium compounds, \*Hydroxides,  
\*Benzenes,

The correctness of the theoretically derived equations of  
kinetics of chemisorption was confirmed on a series  
of examples (absorption of chlorine and sulphurous gas  
(Chemistry--Physical, TT, v. 11, no. 4)      (over)

Office of Technical Services

POZIN, M. E.  
TUMARKINA, E. S.

THE KINETICS OF THE ABSORPTION OF BROMINE BY  
LIQUID ABSORBENTS. 13 pages.

RUSSIAN, Zhur Prik Khim, Vol XXIII, No 4, Apr 1950

pp 396-407

*TVA Wilson Dam Chem Engg Sub 1952*

SWA/R-2789  
Consultants Bureau Translation

*A 9473*

Removal of Dust From Gases by the Foam Method,  
by M. E. Pozin, I. P. Mukhlenov, E. Ya. Tarat,  
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 2,  
1957, pp 293-296.

Sci - Chem

Jul 58

Consultants Bureau  
*Comp. To. Sec. To. 414*

*59,355*

~~XXXXXXXXXX~~

Absorption of Hydrogen Sulfide by Arsenical Soda  
Solution in a Foam Apparatus, by M. E. Pozin,  
E. A. Kopylov, N. A. Petrova, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 6, 1958,  
pp 849-858.

Consultants Bureau

Sci - Chem

Jun 59

89,646

Investigation of Metastable Equilibria in the System  
 $\text{Ca}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$ , by M.E. Pozin, B.A. Kopylov, Van  
Li-shen, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 12, 196  
pp 2675-2684.

CB  
ATS

Sci

171, 797

Oct 61

Theory of Chemical Absorption. V.  
Absorption of Carbon Dioxide by Sodium Carbonate  
Solutions by M. E. Pozin.  
RUSSIAN, per, Zhurnal Prikladnoi Khim, Vol XX,  
No 4, 1947, pp 353-359.  
SLA TT 64-18955

Apr 67

323,080

Investigation of Metastable Equilibria in the Systems  
 $\text{Ca}(\text{NO}_3)_2\text{-HNO}_3\text{-H}_2\text{O}$  and  $\text{CaO-P}_2\text{O}_5\text{-N}_2\text{O}_5\text{-H}_2\text{O}$  at  $50^\circ$   
By M. E. Pozin, B. A. Kopylov, and Wang Li-sheng  
pp. 11

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 10, 1962  
pp. 2134 - 2145

CB

Sci

Aug 63

344,661

Effect of Physical Properties of a Liquid on the  
Formation of Mobile Foam, M. E. Pozin, E. S.  
Tumarkina

8 pp.

Full translation.

RUSSIAN, no per, Zhur' Prik Khim, Vol XXVII, No 11,  
1954, pp 1170-1179. CIA C41474

Consultants Bureau

Scientific - Chemistry

Apr 56 GRS/dex

32,954



POZIN, M. E., and GINSTLING, A. M.

Classification of Reactions between Solid Substances

Zhur Prikl Khim, SSBR, Vol XXIV, No 1, 1961, pp 37-46

☒ Consultants Bureau Translation avail. FDD Lib

A 3181

Rate of Decomposition of Kara-Tau Phosphorites  
by Sulfuric Acid, by M. E. Pozin, B. A. Kopylov,  
A. Seitmaglismov, 7 pp.

RUSSIAN, PIER, Zhur Prikl Khim, Vol XXXIII, No 9,  
1960, pp 1969-1975.

CB

169,284

Sci

Sep 61

Heat and Mass Transfer in Crossed Flow, by M. E.  
Pozin. 10 pp, UNCLASSIFIED

RUSSIAN, no per, ~~Zhur~~ Zhur Erik Khim, No 10, 1952,  
pp 1032-1041.

Consultants Bureau

161953

Scientific - Chemistry

CTS/DEX

The Roles of Oxidation Volume and of a Separate  
Denitrator in a Sulfuric Acid Tower System, by  
M. E. Pozin, N. E. Kirichenko, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIV, No 6, USSR,  
Jun 1951, pp 561-566.  
1951,

Consultants Bureau Vol 24, Jun 1951

USSR  
Scientific - Chemistry

A5333

Oxidation of Sulfur by a Mixture of Nitric  
and Sulfuric Acids, by M. E. Pozin, Ya. Ya.  
Vosolsobe, 4 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XXVIII, No 4,  
Apr 1955, pp 428-430. CIA C 38868

PT-331 Consultants Bureau

Scientific - Chemistry  
CTS 73/Oct 1955

26,987

~~Technology of Mineral Salts, by M. E. Pezin~~  
Technology of Mineral Salts, by M. E. Pezin  
bk, Tekhnologiya Mineral' Salei  
RUSSIAN, pub, ~~1949, p 688. CIA D 432377~~  
1949, p 688. CIA D 432377

T/C and abstract only      USDA

Scientific - Biology; *CHEMISTRY* Mar 56  
*32,304*

Oxidation Of Nitric Oxide in the Production of Nitric  
Acid

By M. B. Pozin, B. A. Kopylev pp. 6

RUSSIAN, per. Zhur Prikl Khim., Vol XXV, No 11, 1962  
pp. 2353 - 2358

CB

Sci.

240-926

Oct 63

On the Notes by N. N. Postnikov, F. N. Tavadze and  
P. N. Dzhabaridze Relative to the Article "A  
Philosophical Basis of the 'Classical' Theory of  
'Solid-Phase' Reactions," by M. E. Posin and A. M.  
Ginstling, # 6 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 9,  
1954, pp 995-999. CIA C 41305

Consultants Bureau

Scientific - Chemistry  
Mar 56 CFS/dex

32, 261



Oxidation of Sulfur Dioxide in Iron Sulfate  
Solution, by M. E. Pozin, E. P. Makhlenov, L. S.  
Vasilesku, 5 pp.

RUSSIAH, no per, Zhur Prik Khim, Vol XXVIII, No 7,  
1955, pp 681-687.      CIA C 40838

6

Consultants Bureau

Sci - Chemistry  
Mar 56 CTS/lex

31,548

Reduction of Ferric Sulfate by Sulfur Dioxide,  
by M. E. Pozin, I. P. Mukhlenov, L. S. Vasil'sky  
6 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVIII,  
No 6, Jun 1955, pp 573-578. CIA C 40324

Consultants Bureau

Scientific - Chemistry      Jan 56 CTS/DEK

60-35000      30, 115

Decrease of Nitric Acid Consumption in the Nitrose  
Process of Sulfuric Acid Manufacture, by M. E.  
Pozin and G. V. Belchenko, 6 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 4,  
1956, pp 506-511.

Consultants Bureau

Sci - Chemistry  
Doc 56 CTS

41, 644

Investigation of the Carbonation of Sodium  
Carbonate Solutions in Foaming Conditions, by  
M. E. Pozin, B. A. Kopylov, and E. Ya. Taras. 8 pp.  
RUSSIAN, <sup>Publ</sup> ~~per~~, Zhur. Anal. Khim. Vol ~~XXX~~ No ~~4~~, 1967  
pp 674-681.

Consultants Bureau

Sci - Chem  
Aug 68

68, 7, 5