

Tasks and Functions of the Department of Technical Control, by S. F. Karndorf, A. S. Bernshteyn, M. I. Yaroslavskiy, 15 pp.

Full tr

RUSSIAN, bk, Radioizmereniya, Chap XIII, publ by State Publishing House for Power Engineering Literature, 1953, pp 436-448. *23A 542850*

ATIC F-TS-8492/V

Sci - Electronics
Feb 1957 CTS/DEX

44,382

Radio Measurements in Millimeter Wavelengths,
by G.D. Burdum, R.A. Valitov, et al.

RUSSIAN, bk, Radioizmereniya na Millimetrovykh
Volnakh, 1958, pp 42-77, 116, 117, 119, 120.
CIA 9660803.

ATIC MCL 646

Sci - Phys

May 61

T60-19241-A

DC-13

152,564

A Radiochemical Method for the Sr-90 Content of
Fresh Water Reservoirs, by G. A. Sereda,
Ts. I. Bobovinkova, ¹⁰⁻⁸⁷
RUSSIAN, rpt, Radiokhimicheskaya Metodika Massovogo
Kontrolya Soderzhaniya Strontsiya-90 v Presnykh
Vodcemakh, Moscow, 1963, 12 pp. 9225806
*AEC TR-6457

Sci-Phys
Jul 64

Electrolytic Extraction of Microquantities of
Uranium and Plutonium, by S.L.Fadeev.
RUSSIAN, per, Radiokhimiya, vol. 1, 1959,
pp. 295-299.
NTC 71-12965-07D

July 1971

RUSSIAN, per, Radiokhimiya, Vol. II, Issues 1-6
1960

*PL 480
AEC-tr-4576 7A74
Aec-tr-4581

Dec 61

0-205/60

(NY-3994).

Concerning the Problem of Distribution of Uraanyl
Ions Between Aqueous Solutions and a Number of
Ethers and Esters, by V. M. Vdovenko, Ye. A.
Gairnova, 13 pp.

Abstract, par. Radiokhim, Vol. I, No 1, 1959,
pp 43-51.

JPRS 2615

116, 113

Sci - Chem/Physical
May 60

The Effect of α -Radiation on the Valence States
of Plutonium in Nitric Acid Solutions,
by P. I. Artiukhin, V. I. Medvedovskiy, et al,
14 pp.
RUSSIAN, per, Radiokhimiya, No 2, 1959, pp 131-135.
AEC-RFP-Tr-5
NTC-71-12487-07E

9224860

TT-64-18822

Sci-Chem
Nov 64

268,4723

Nikol'skii, B. P., Trofimov, A. M., and
Vysokoostrovskaya, N. B.
TRILON B COMPLEXES OF BARIUM AND RADIUM.
tr. by F. E. Wallwork. *Mir* 61 [14] p. 58 refs. AWRE
Trans. U-158; [DSIR LLU] M. 4000.
Order from OTS or SLA \$1.60

61-28181

Trans. of Radiokhimiya (USSR) 1959, v. 1, no. 2,
p. 147-154.

DESCRIPTORS: *Acetic acids, Acids, Sodium com-
pounds, Ethylenedinitrilo tetracetates, *Radium,
*Barium, Complex compounds, Complex ions,
Labeled substances, Radioactive isotopes, Ion
exchange.

From examination of the complexing process of radium
and barium in solutions of Trilon B in the pH range
2-8 by the ion-exchange method using labelled atoms
(Nuclear Physics and Nuclear Chemistry, TT, v. 6,
no. 12) (over)

61-28181

- I. Title: Trilon B.
- I. Nikol'skii, B. P.
- II. Trofimov, A. M.
- III. Vysokoostrovskaya, N. B.
- IV. AWRE-U-158
- V. DSIR LLU M. 4000
- VI. Atomic Weapons Research
Establishment (Gt. Brit.)

Office of Technical Services

Reaction of Radium and Barium With Nitrilo-
triacetic Acid in Aqueous Solution, by B. P.
Nikol'skiy, A. M. Trofimov, . . N. B. Vysokoostrovskaya,
18 pp.

RUSSIAN, per, Radiokhim, Vol I, 1959, pp 155-161.

AWRE Tr-17

Handwritten scribble

Sci - Chem
Jan 62
List 60

178,337

12 685

Fr-1

ZIV D. M., ISHINA V. A.

Study of the electrochemical separation of bismuth from its diluted solutions by means of radioactive tracers. I.

Etude de la séparation électrochimique du bismuth de ses solutions diluées à l'aide d'indicateurs radioactifs. I.

Radiokhimiya, 1, No. 2, 185-195 (1959)

R. 999 - French

E u r a t o m

Factors Influencing the Emanating Power of
Artificial Salts and Minerals, by I. E. Starik,
O. S. Melikova, 8 pp.

RUSSIAN, per, Radiokhim, Vol I, No 2, 1959,
pp 196-203. 9077335

ATS-30-11111
AEC Tr-4555
ATS/RJ-2530

Sci - Chem
Jun 61

157,738

Electrolytic Extraction of Microquantities of Uranium
and Plutonium, by G. S. Sinitsyna, S. L. Faddeyev, et al,
11 pp.
RUSSIAN, per, Radiokhimiya, Vol I, 1959, pp 295-299.
9226651
AEC-UCRL-Tr-1083(L)

Sci-Chem
Feb 65

273,179

Application of the Emanation Method to the Study
of Processes Occurring in Solids During Their Heating,
by K. B. Zaborenko, A. M. Babeshkin, V. A. Beyevska,
10 pp.

RUSSIAN, per, Radiokhimiya, Vol I, No 3, 1959,
pp 336-345. 9077342

ATC-51M42R
AEC Tr-4554

ATC/RT 2681

Sci - Chem
Jul 61

157,722

Derivation of the Signs of Zirconium Ions by Paper
Electrophoresis, by V. P. Shvedov, et al.

RUSSIAN, per, Radiokhimiya, Vol I, No 4, 1959,
pp 400-402. _____

Sci - Chem
Apr 60

~~SECRET~~

Imperial Ltd. London

as RK-59/4.7

at Acc 2450

Complexing of Pu ~~IV~~ and Am (III) in Aqueous
Solutions Studied by Solubility and Ion-
Exchange Methods, by A. I. Moskvina,

RUSSIAN, per, Radiokhimiya, Vol I, No 4, 1959,
pp 430-434.

Sci - Chem
Apr 60

~~SECRET~~
Research Ltd. London
at RK-57/2.13
for AEC 2-50

The States of Trace Amounts of Radioelements in
Solutions. XIV. Americium in Aqueous Solutions,
by ~~Le~~ I. Ye. Starik, F. L. Ginzburg, 3 pp.

RUSSIAN, per, Radiokhim, Vol I, No 4, 1959,
pp 435-438. 9079522

Infosearch Ltd. London
as RK-59/4.14

Sci - Chem

Aug 61

164,300

Received by...
...
...
...

Complexes Formed in Organic Solvents, by V. M.
Vdovenko, L. M. Belov, A. A. Chaykhovskiy, 6 pp.

RUSSIAN, per, Radiokhim, Vol I, No 4, 1959,
pp 439-444. 9079521

Infosearch Ltd. London
as RK-59/4.15

Sci - Chem

164,299

Aug 61

Extraction of Nitric Acid by Dibutyl Ether,
by B. M. Vdovenko, A. S. Krivokhatskii,
RUSSIAN, per, Radiokhimiya, Vol I, No 4,
1959, pp 454-457.
Chem Trans Sv No 2791

Sci-Chem
Mar 67

322,187

Use of Ion Exchange to Study the State of a
Substance in Solution. VI. Complexes Formed by
 $Ru(IV)$ in Solutions of Hydrochloric and
Perchloric Acids, by V. I. Paramonova, E. F.
Latyshev, 6 pp.

RUSSIAN, per, Radiokhim, Vol I, No 4, 1959,
pp 458-464. 9079523

Infosearch Ltd. London
as RK-59/4.19

Sci - Chem

164,301

Aug 61

61-23823

Ziv, D. M., Ishina, V. A., and Ziv, V. S.
ETUDE DE LA SÉPARATION ÉLECTRO-CHIMIQUE
DU BI DE SES SOLUTIONS DILUÉES. II -SÉPARA-
TION SUR DES ELECTRODES EN CARBONE, tr. by
Kefell. 17 May 60 [15]p. 5 refs. CEA Trans.
no. R 919 (text in French).
Order from OTS or SLA \$1.60 61-23823

Trans. in French of Radiokhimiya (USSR) 1959, v. 1,
no. 4, p. 488-492.

DESCRIPTORS: *Bismuth, Separation, *Electrochem-
istry, *Carbon, Electrodes.

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

I. Ziv, D. M.
II. Ishina, V. A.
III. Ziv, V. S.
IV. Title: Separation ...
V. CEA-tr-R919
VI. Commissariat à l'Énergie
Atomique (France)

Office of Technical Services

Hydration of Uranyl Nitrate in an Inert Solvent
Containing an Extractant, by V. M. Vdovenko,
Kak Ye. A. Smirnova, 8 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 521-529. 9079525

Infosearch Ltd. London
a/c RK-59/5.5

Sci - Chem
Aug 61

164,303

K_d Relation of Partition Coefficient to Initial
Concentration in Solvent Extraction, by A. K.
Lavrukhina, Chu P'ei-Tsi, 9 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 530-537. 9079527

Infosearch Ltd. London
as RK-59/5.6

Sci - Chem

Aug 61

164,304

Use of Phenylarsonic Acid to Separate Neptunium
and Plutonium, by I. E. Starik, A. P. Ratner,
M. A. Pasvik, et al, 8 pp.

RUSSIAN, per, Radiokhim, Vol I, 1959, pp 545-547.

AEC NP Tr-741

182,544

Sci - Chem
Feb 62

182,544

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

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 548-553. ~~95~~ 9079524

Infosearch Ltd. London
as RK-59/5.9

Sci - Chem

164, 302

Aug 61

Properties of Plutonyl in Nitric Acid. Part II.
Plutonyl Complexes in Nitric Acid Solution, by
M. E. Krevinskaya, et al.

RUSSIAN, per, Radiokhimiya, No 5, 1959, pp 554-561.

Sci - Chem
Apr 60

~~AEC~~

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AEC 6750

Preparation and Properties of Plutonyl Nitrate,
by M. E. Krevinskaya, V. D. Nikol'skiy, B. G.
Pozharskiy, 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

Investigation of Solid Phase in a System of UO_2
(NO_3) $2-HOH-H_2O_2 - H_2$ (, by A. M. Gurevich,
L. P. Polozhenskaya.

RUSSIAN, per, Radiokhimiya, No 5, 1959, pp 567-572.

NLL RTS 2333 (Loan)

Sci
Feb 64

Investigation of the Solid Phase in
 $UO_4 \cdot 4H_2O$ -ROH-H₂O₂-H₂O System, by A. M.
Gurcovich, L. P. Polozhenskaya.

RUSSIAN, per, Radiokhimiya, No 5, 1959,
pp 573-580.

NLL RTS 2334
(loan copy)

Jul 64

62-10478

Starik, I. E., Sobotovich, E. V. and others.
DETERMINING LEAD CONTENT AND ITS ISOTOPE
COMPOSITION IN IRON METEORITES. [1961] [10]p.

6 refs.

Order from OTS or SLA \$1.10

62-10478

Trans. of Radiokhimiya (USSR) 1959, v. 1, no. 5,
p. 596-602.

DESCRIPTORS: *Meteorites, *Iron, *Lead, Chemical
analysis, Determination, *Isotope separation, Radio-
chemistry

The isotope composition of lead in iron meteorites can
differ. (Author)

(Chemistry--Analytical, TT, v. 7, no. 9)

I. Starik, I. E.
II. Sobotovich, E. V.

Office of Technical Services

The States of Zirconium in Solutions of
Hydrochloric Acid, Ammonium Carbonate and Complexone
III, by I. P. Alimarin, T. A. Belyavskaya,
Mu Ping-Weng, 4 pp.

RUSSIAN, per, Radiokhim, Vol I, No 6, 1959,
pp 645-649. 9079526

Infosearch Ltd. London
as RK-59/6.5

Sci - Chem

164, 305

Aug 61

Chemistry of the Uranates of Some Group II Elements,
by E. A. Ippolitova, Yu. P. Simanov, L. M. Kovba,
G. P. Polunina, I. A. Bereznikova, 7 pp.

RUSSIAN, per, Radiokhimiya, Vol I, 1959,
pp 660-664.

AEC DEG-Inf-Ser-145
NLL M-4347
171, 219

Sci - Chem'
Oct 61
List 60

OT2 62-25395

Sparingly Soluble Uranium Salts of the Lower
Phosphorus Oxyacids, by V. G. Knyagina, et al.

RUSSIAN, per, Radiokhimiya, No 6, 1959,
pp 665-667.

Sci - Chem

May 60

~~SECRET~~
Uranium Salts
Sparingly Soluble
at PK-59/6.8 per
AEC SER 50

The Preparation of Radioactive ⁷Be in a Nuclear
Reactor according to a Secondary Nuclear Reaction,
by N. P. Rudenko, A. I. Sevast'yanov, 6 pp.
RUSSIAN, per, Radiokhimiya, Vol I, 1959, pp 691-693.
0228851
AEC-ORNL-Tr-526

SCI-MS
Jun 65

281,079

Secondary Reactions of Br⁸² and Br^{80m} Recoil
Atoms in Bromomethanes, by A. N. Nesmeyanov,
E. A. Borisov, E. A. S. Filatov, V. I.
Kondratenko, Tsieh-hsiang Chang, K. Panek,
B. M. Shukla, 17 pp.

RUSSIAN, PER, Radiokhimiya, Vol I, No 6, 1959,
pp 712-716.

AEC NP Tr-554

Sci - Chem
May 61

150,365

RADIOKHIMIYA
(Soviet Radiochemistry - bimonthly)
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Scintillation Technology of Counting Natural
Radiocarbon and Its Application in Determining
Absolute Age, by I. E. Starik, V. P. Shamov,
Kh. A. Arslanov. A. P. Zharlov, G. M. Murashov,
18 pp.

RUSSIAN, per, Radiokhimiya, Vol III, 1961,
pp 101-113.

AEC Tr-4623

165,401

Sci
Aug 61

Extraction of Ruthenium and Some Other Fission
Products by Tri-n-Octylamine From Nitric Acid
Solutions, by V. B. Shevchenko, V. S. Schmidt,
14 pp. 9091181

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 121-128.

AEC Tr-4840

Sci - Chem
Feb 62

182,526

Absorption of Radioelements From Solutions, by I. E. Starik, et al.

RUSSIAN, per, Radiokhimiya, Vol. III, 1961, pp 144-149.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser-143(W)

Sci - Chem
Jul 62

202,101

Research on the State of Pu(IV) in Dilute Solutions
of Nitric Acid, by B. I. Grebenshchikova, Yu. P.
Davydov, 13 pp.

RUSSIAN, per, Radickhim, Vol III, 1961, pp 155-161.
9093720

AEC Tr-4830

Sci - Chem
Dec 61

177, 423

Adsorption of Pu-(IV) On the Surface of Glass, by
V. I. Grebenshikova, Yu. P. Davydov, 12 pp.

RUSSIAN, per, Radiokhim, Vol III, 1961, pp 165-172.

AEC Tr-4841

CEA R-1529

(Rev. Trans.)

Sci - Chem
Feb 62

182,527

REACTION OF PLUTONIUM DIOXIDE WITH
AMMONIUM HYDROGEN FLUORIDE IN THE ABSENCE
OF WATER, BY YA. MALY, I. PEKA, M. TILASH,
11 PP. ^A

RUSSIAN, PER, RADIOKHIM, VOL III, NO 2,
1961, PP 195-198. 9082380

AEC TR-4787
CEA R-1524
Reverse Trans.

SCI - CHEM

NOV 61

173,196

501

CEA-EP-R-1427

Uncl.

SORPTION DES PRODUITS DE FISSION A LONGUE PERIODE PAR LES SOLS ET MINERAUX ARGILEUX. I. (Sorpton of Long-Lived Fission Products by Soils and Clayey Minerals. I). Yu. A. Kokotov, R. F. Popova, and A. P. Urbanyuk (Urbaniuk). Translated into French from Radiokhimiya, 3: 199-206(1961). 25p.

Fission Products; Radiobiology; Translations
MC-48

C-48 NP NSA

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N-6

Grebenshchikova, V. I. and Davidov, Yu. P.
ADSORPTION DE Pu(IV) SUR LA SURFACE DU
VERRE [Adsorption of Pu(IV) on a Glass Surface] tr. by
Garber, 24 Mar 62 [22]p. 14 refs. CEA Trans. no.
R 1529 (text in French).
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62-33760

Trans. in French of Radiokhimiya (USSR) 1961, v. 3,
no. 2, p. 165-172.

A preliminary unedited trans is available in English
from OTS or SLA \$1.60 as AEC-tr-4841 [1961] 11p.

DESCRIPTORS: *Radiochemistry, *Plutonium, Absorp-
tion, Glass, Colloids, Hydrogen ion concentration,
Ion exchange.

For abstract see Technical Translations 2: 624, 1962.

(Nuclear Physics and Nuclear Reactions, TT, v. no. 9)

62-33760

I. Grebenshchikova, V. I.
II. Davidov, Yu. P.
III. CEA-tr-R1529
IV. Commissariat à l'Énergie
Atomique (France)

Office of Technical Services

Nefedov, V. D., Bykhovchev, V. L. and others.
MODIFICATIONS CHIMIQUES SURVENANT AU
COURS DE LA DESINTEGRATION- β DE RA D, EN-
TRANT DANS LA COMPOSITION DE DÉRIVÉS DU
PLOMB, DEFICITAIRES EN RADICAUX (Chemical
Changes in β -Decay of Ra D in the Radical Deficient
Lead Derivatives). 12p. (foreign text included) 5 refs
FR-3151 (text in French).

Order from OTS or ETC \$1.85 62-26164

Trans. in French of Radiokhimiya (USSR) 1961, v. 3,
no. 2, p. 225-236.

DESCRIPTORS: *Metalorganic compounds, *Lead com-
pounds, *Radium, *Beta decay, Chemical analysis,
Chemical reactions.

(Nuclear Physics--Radioactivity, TT, v. 9, no. 8)

62-26164

- I. Nefedov, V. D.
- II. Bykhovchev, V. L.
- III. FR-3151
- IV. Centre National de la
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Office of Technical Services

Nefedov, V. D. and Skorobogatov, G. A.
SUR LES COMPOSÉS MARQUÉS MULTIPLES (O Mno-
gokrato Mechenykh Soedineniyakh) tr. by Mme. Giu-
liani. 10 Nov 61 [22]p. (Russian text included) 6 refs.
CEA Trans. no. R 1430 (text in French).
Order from OTS or SLA \$2.60 62-19028

Trans. in French of Radiokhimiya (USSR) 1961, v. 3,
no. 2, p. 229-236.

DESCRIPTORS: *Labeled substances, Radioactive iso-
topes, Particles, *Radioactive decay.

(Nuclear Physics--Radioactivity, TT, v. 8, no. 3)

62-19028

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II. Skorobogatov, G. A.
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Atomique (France)

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A Rapid Method of Determining Thorium, Radium, and Lead in Monazites, by K. S. Ivanova.

RUSSIAN, per, Radiokhimiya, Vol III, No 3, 1961,
pp 343-355. 90-7357

AERE, Harwell Tr-1543
AEC NF Tr-895

Sci - ~~EE~~ Chem
Jul 62

202,222

Vdovenko, V. M., Lipovskii, A. A., and
[Kuzina, M. G.].

ABSORPTION DU NITRATE D'URANYLE PAR LES
RESINES ECHANGEUSES D'ANIONS A PARTIR DE
SOLVANTS ORGANIQUES [Absorption of Uranyl
Nitrate from Organic Solvents with the Help of Anion
Exchange Resins] tr. by Cen-Far. 3 Mar 62 [21]p.
11 refs. CEA Trans. no. R 1568 (text in French).
Order from OTS or SLA \$2.60 62-33742

Trans. in French of [Radiokhimiya] (USSR) 1961, v. 3,
no. 3, p. 365-371.

DESCRIPTORS: *Radiochemistry, *Uranyl radicals,
Nitrates, Absorption, *Organic solvents, *Ion exchange
resins.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 9).

62-33742

I. Vdovenko, V. M.
II. Lipovskii, A. A.
III. CEA-tr-R1568
IV. Commissariat a l'Energie
Atomique (France)

Office of Technical Services

on of the Long-Lived Fission Products by Soils
lay Minerals, by Yu. A. Lokotov, et al.

RUSSIAN, per, Radiokhimiya, Vol. II, 1961, pp 144-206.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser 142(W)

Sci - Chem
Jul 62

202,110

CEA-ti.-R-1427 Uncl.

SORPTION DES PRODUITS DE FISSION A LONGUE
PERIODE PAR LES SOLS ET MINERAUX ARGILEUX. I.
(Sorption of Long-Lived Fission Products by
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For abstract see Technical Translations Z: 624, 1962.

(Nuclear Physics and Nuclear Reactions, TT, v. no. 9)

62-33760

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Trans. in French of Radiokhimiya (USSR) 1961, v. 3,
no. 2, p. 225-236.

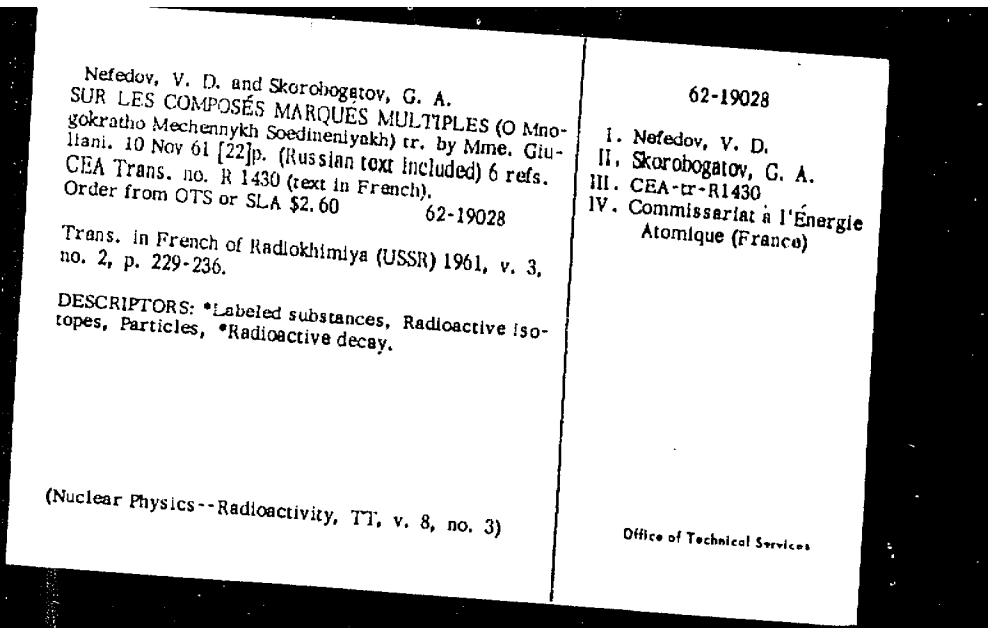
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(Nuclear Physics--Radioactivity, TT, v. 9, no. 8)

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Recherche Scientifique
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SUR LES COMPOSÉS MARQUÉS MULTIPLES (O Mno-
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liani. 10 Nov 61 [22]p. (Russian text included) 6 refs.
CEA Trans. no. R 1430 (text in French).
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Trans. in French of Radiokhimiya (USSR) 1961, v. 3,
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62-19028

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Office of Technical Services

A Rapid Method of Determining Thorium, Radium, and
Lead in Monazites, by K. S. Ivanova.

RUSSIAN, per, Radiokhimiya, Vol III, No 3, 1961,
pp 348-353. *90-2057*

AERE, Harwell Tr-1543

HEC NP 11-825

Sci - ~~Eng~~ Chem
Jul 62

202,222

Vdovenko, V. M., Lipovskii, A. A., and
[Kuzina, M. G.].

ABSORPTION DU NITRATE D'URANYLE PAR LES
RESINES ECHANGEUSES D'ANIONS A PARTIR DE
SOLVANTS ORGANIQUES [Absorption of Uranyl
Nitrate from Organic Solvents with the Help of Anion
Exchange Resins] tr. by Cen-Far. 3 Mar 62 [21]p.
11 refs. CEA Trans. no. R 1568 (text in French).
Order from OTS or SLA \$2.60 62-33742

Trans. in French of [Radiokhimiya] (USSR) 1961, v. 3,
no. 3, p. 365-371.

DESCRIPTORS: *Radiochemistry, *Uranyl radicals,
Nitrates, Absorption, *Organic solvents, *Ion exchange
resins.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 9)

62-33742

- I. Vdovenko, V. M.
- II. Lipovskii, A. A.
- III. CEA-tr-R1568
- IV. Commissariat a l'Energie
Atomique (France)

Office of Technical Services

Concerning the Mechanism of Extraction of
Tetravalent Plutonium by a Primary Alkyl Amine
From Sulfuric Acid Solution, by V. M. Vdovenko,
A. A. Lipovskiy, S. A. Mikitina, 6 pp.

RUSSIAN, per; Radiokhim, Vol III, 1961, pp 396-402.
9092272

CEA R-1524
AEC Tr-4962

Sci - Chem
Apr 62

189,961

Extraction of Americium by Tributylphosphate, by
V. I. Zemlyankhin, et al.

RUSSIAN, per, Radiokhimiya, Vol III, No 4, 1961,
pp 411-416.

U.K. Atomic Energy Authority
Risley, TRG Inf Ser-155(W)

Sci - Chem
Jul 62

202,103

Separation by Extraction of Zr⁹⁵ (Without a Carrier)
Using the n-Diethylphosphate - CHCl₃ System, by
S. A. Potapova.

RUSSIAN, per, Radiokhimiya, Vol III, No 4, 1961,
pp 421-427.

*U.K. Atomic Energy Authority
Risley, TRG Inf Ser 126(W)
5

Sci - Chem
Jul 62

Grebenshchikova, V. I., Bryzgalova, R. V., and Chernitskaya, I. V.

THE COMPOSITION AND SOLUBILITY OF LANTHANUM OXALATE IN DIFFERENT SOLUTIONS. [1962] 9p. 7 refs.

Order from OTS or SLA \$1.10

62-18730

Trans. of *Radiokhimiya* (USSR) 1961, v. 3, no. 4, p. 486-489.

DESCRIPTORS: *Lanthanum compounds, *Oxalates, Synthesis, Solubility, Chemical analysis.

It is determined that normal lanthanum oxalate, having the composition $\text{La}_2(\text{C}_2\text{O}_4)_3 \cdot 8\text{H}_2\text{O}$, is deposited from mixed solutions of nitric or oxalic acids (or ammonium oxalate) at 50°C . The solubility of lanthanum oxalate at 50°C in different solutions is determined. It is demonstrated that the solubility of (Chemistry--Physical, TT, v. 9, no. 10) (over)

62-18730

I. Grebenshchikova, V. I.
II. Bryzgalova, R. V.
III. Chernitskaya, I. V.

Office of Technical Services

~~SECRET~~

Reactions of Uranyl Nitrate With Amines, by
V. M. Vdovenko, D. N. Suglov, et al.

RUSSIAN, per, ~~Radiokhimiya~~, No 5, 1961, pp 636-637.

*AEC

Sci - ~~Na~~ Nucl Sci
Jan 64

RADIOKHIMIYA
(Soviet Radiochemistry - bimonthly)
Translation begins with 1962,
Vol. 4, No. 1
Lag time: ca. 11 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 125.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on oversea subscription

*Russ
all*

The State of Protactinium in Aqueous Solutions
VI Adsorption Properties of Protactinium,
by I. E. Starik, L. D. Sheydena, L. I.
Ilnenkova, 12 pp.

RUSSIAN, per, Radiokhimiya, Vol IV, No 1,
1962, pp 44-49. ~~SC33536~~ 9066946

ASC Tr-5253

Sci - Chem
Oct 62

212,671

Shvedov, V. P., Ankudinov, E. P. and others.
DETERMINATION DE FAIBLES ACTIVITES DES
EAUX RADIO-POLLUEES [Determination of Low Levels
of the Radioactive Contamination of Water] tr. by
Garber, 18 Apr 62 [15]p. 20 refs. CEA Trans.
no. R 1657.

Order from OTS or SLA \$1.60

63-15471

Trans. in French of #Radiokhimiya (USSR) 1962, v. 4,
no. 1, p. 110-116.

DESCRIPTORS: *Water supplies, Lakes, Artificial-
radioactivity, *Radiological contamination, Determi-
nation, Chemical precipitation, *Evaporators,
Automatic, *Electrolytic cells, Computers, *Gamma-
ray spectroscopy, *Radiation measurement systems.

On a examiné brièvement les méthodes de prélèvement
et de concentration des substances radioactives
(Nuclear Physics--Instruments, TT, v. 10, no. 7)(over)

63-15471

- I. Title: Entralment
- I. Shvedov, V. P.
- II. Ankudinov, E. P.
- III. CEA-tr-R1657
- IV. Commissariat a l'Energie
Atomique (France)

Office of Technical Services

The Structure of Uranyl Nitrate Dihydrate, by
V. M. Vdovenko, E. V. Stroganov, et al.

RUSSIAN, per, Radiokhimiya, Vol IV, No 1, 1962,
pp 59-66.

AERE/Harwell *Te 982*

Sci - Nucl Sci
Oct 63

Determination of Radioactive Cesium by the
Ferrocyanide Method, by A. V. Gel'man.
RUSSIAN, per, Radiokhim, No 1, 1962, pp 107-110.

AEC

Sci
Mar 64

Radiokhimiya, Vol. V, No. 3, May, Jun 1963,
pp. 277-397.

Full Translation by Consultants Bureau

Available at Library Serials

20 May 65

CFSTI ANL-Draw 89

Radiokhimiya, Vol. V, No. 4, April, Aug 1963, pp 491-520.

Full Translation by Consultants Bureau

Available at Library Serials

27 May 65

Radiokhimiya, Vol V, No 5, Sep, Oct, 1963, pp 527-643.

Full Translation by Consultants Bureau

Available at Library Serials

3 Jan 65

Radiokhimiya, Vol. V, No. 6, Nov.-Dec. 1963, pp. 649-749.

Full Translation by Consultants Bureau

Available at Library Serials

Jun 65

Radiokhimiya, Vol. VI, No. 1, Jan, Feb 1964, pp. 5-132.

Full Translation by Consultants Bureau

Available at Library Serials

Aug 65

pp 130-132 FTD-TT-65-26

Radiokhimiya, Vol. VI, No. 2, Mar, Apr 1964, pp 137-258.

Full Translation by Consultants Bureau

Available at Library Serials

Radiohimiya, Vol. VI, No. 6, May-Jun 1965
pp. 261-381.

Full Translation by Consultant Bureau

Available at Library Serials

Nov 65

Radi okhimiya, Vol. VI, No. 2, July, Aug. 1964,
pp. 385-500.

Full Translation by Consultants Bureau

Available at Library Serials

Nov 65

TT-65-64011

TT-65-64015

Radiokhimiya, Vol. VI, No. 7, Sep. Oct. 1964,
pp 505-632.

Full Translation by Consultants Bureau

Available at Library Serials

Nov 65

Radiozhurnal, Vol VI, No 6, Nov, Dec 1965,
pp 633-756.

Full Translation by Consultants Bureau

Available at Library Serials

Nov 65

Radio - Powerful Means of Country's Defense, by
I. T. Peresypkin, 17 pp.

RUSSIAN, book, Radio Mognushcheye Sredstvo Oborony
Strany. Chap VI - Sec D, VII, VIII, IX, X and Con-
clusion, ~~pub. by the~~ Publishing House of the Ministr
of the Armed Forces of the USSR, Moscow, 1948.
EWEL to IR-1062-56, 23 Jan 1956. CIA D-411114.

IAFCIN-1A1

AF-723271

32,651

USSR

Military - Communications

Economic - Communications

Radio Beacons and Direction Finding Stations of
the Pacific, 85 pp.

Full Translation

RUSSIAN, bk, Radio Mayaki i Radio Peleugatornyye Stantsii
v Tikhogo Okeana, ~~publ~~ publ by Hydrographic Admin, of the
Navy, USSR, 1951.

Al. 805

500th MI SV Gp

Radio Location (Radar) Physics of Radar,
by N. E. Marikov

RUSSIAN, bk, Radio Nashikh Dvay.

Navv Tr 1392/ONI A-825

Sci - Electronics
Dec 56 CTS

41,171

Radio Today, by I. L. Radunskaya, M. Ye.
Zhabotinskiy, 261 pp.

RUSSIAN, bk, Radio Nashikh Dney, 1959.

Foreign Languages Pub. House

Sci - Electron
Aug 61

162,803

Radio and Radar Technology and Its
Application, by K. M. Listov,
K. N. Trofimov, 489 pp.
RUSSIAN, bk, Radio i Radiolokatsionnaya
Tekhnika i Ikh Primeneniye, Moscow, 1960,
pp 1-423.
FTD-MT-64-60

Sci - Elec
Apr 65

278,541