

The Nature of the Viral Agents of Infectious
Diseases and of Some Tumors, by P. Ambrosioni, 37 pp.

ITALIAN, per, Archivio Italiano di Scienze
Farmacologiche, Vol II, Apr 1952, pp 117-133.

S. L. A.

20,414

Scientific - Medicine

Dec 54 CTS/DEX

In Vitro Experimental Investigations on the
Interference Displayed by Mycetes in the
Anti-Bacterial Action of Some Antibiotics,
by P. Ambrosioni, S. Masoni, A. Zuliani,
11 pp.

ITALIAN, no per, Bollettino, ISM, Vol XXXIII,
No 11/12, 1954, pp 590-596.

NIH Tr 91 30, 3/5

Sci & Biology
Feb 56/CTS No 77

SLA. M. 20295

Experimental Investigations in Vitro on
Interference Displayed by Mycetes on the
Antibacterial Action of Some Antibiotics;
Part II, 10 pp, P. Ambrosioni, S. Masoni,
Z. Zuliani, 10 pp.
ITALIAN, bimo per, Bollettino, I.S.M.,
Vol XXXIV, No 1/2, 1955, pp 1-4.

NIH Tr 92

Sci - Biology

30.316

S.A.N. Tr 2377

Telephony in the Year 1914 (July to September),
by F. Ambrosius, 6 p.

GERMAN, per, Helios, 1915, Vol XXI, No 11,

SLA 59-15883

Bel
Mar 60
Vol 2, NO 11

109,583

Improvement of the Operation of Simultaneous
Systems, by F. Ambrosius, 13 pp.

GERMAN, per, Telegraphen u Fernsprech-Technik,
19 Apr 1914.

20

SLA Tr 57-581

Sci - Electronics
Sep 57

SLA 57-3380-2,817

On the Effect of Colierycin in Experimental
Lower Intestinal Obstruction, by
G. A. Ambroso, N. Zinicola, et al.
TELALEN, per, Archivio per la Scienza
Mediche, Vol CVI, No 6, 1958, pp 877-885.
SLA TT-64-18622

Jan 67

317,541

Polymerization of Propylene. I. Dilatometric
Method for the Study of the Heterogeneous
Polymerization of α -Olefins, by J. Ambroz,
6 pp.

RUSSIAN, per, Sbornik Chetkheslovatskykh Khim
Rabot, 1959, Vol XXIV, pp 3703-3707.

ATS-19144G
ATS-690-GJ
194,310

Sol
May 62

Vol 1, No 10

RESEARCH ON PRODUCTION TECHNOLOGY FOR POLY-
PROPYLENE IN CZECHOSLOVAKIA, ~~REX~~ BY VLADIMIR
KAMENIK, JAROSLAV AMBROZ, 6 PP. GOVERNMENT USE
ONLY,

CZECH, PER, CHEMICKY PRUMYSL, VOL XII, NO 8,
1962, PP 468-470,

JPRS 15981

DEEUR-CZECH
ECON .
NOV 62

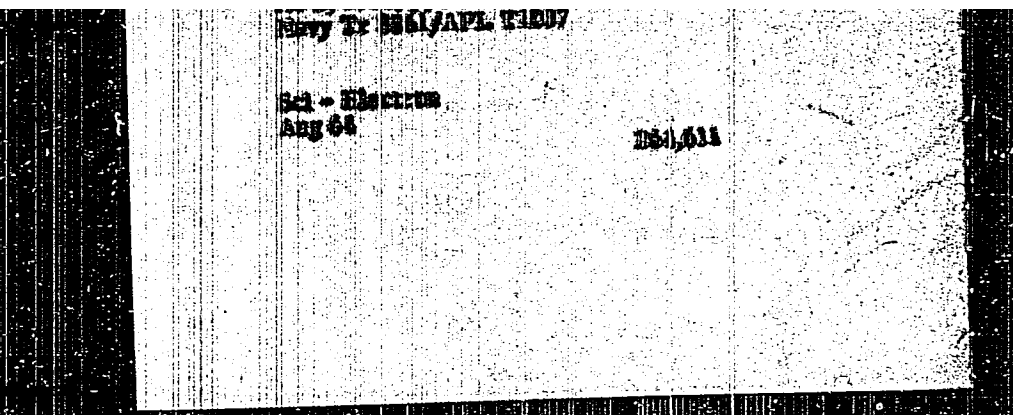
215,149

12 722

Fr-2

AMBROZ J., AMBROZ L., DVORAK S.
Production of pure titanium sesqui-chloride
Préparation du sesqui-chlorure de titane pur
Chemicky Promyshl., No. 1, 3 p. (1960)
VII-B2 - French

E u r a t o m



74
A Germanium Double Base Photodiode and
its Applications, by A. Ambrozjak, 45 pp.
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp 181-185.
ACSI I-9245 A
ID 2204009366

A. Ambrozjak

Sci-Elect
May 66

299,671

Silicon Photocell by Andzej Ambroziak,
Tadeusz Janicki, 9 pp.
POLISH, per, Przegląd Elektroniki, No 9,
1964, pp 388-390.
ACSI 149510B
ID 2204018966

15

andzej Ambroziak

Sci-Elect
Apr 66

298,676

S-5506

(DC-3083).

Chemical Control of the Purity of Compounds of
Rare Earth Elements of the Cerium Subgroup, by
M. E. Ambrosiy, 9 pp.

RUSSIAN, bk, Redkozemel'nyye Elementy (Polucheniye,
Analiz, Primeneniye), 1958, pp 179-185.

JPRS-L-1929-D

Sci - Chem
Eov 59

101, 703

The Detection of Some Rare-Earth Elements Where
Present in Combination, by L. M. Kul'berg, M. N.
Ambrozhi1

RUSSIAN, per, Zhur Anal. Khim, 1952, Vol VII, No 4,
pp 233-238.

Chemical Bureau
D.S.I.R. Tr No T.C.L. 44

Scientific - Minerals/Metals

List No 49, Apr 1953

1076

A Germanium Variable Base Photodiode and its
Applications, by A. Astronizak,
Elektronika, par, Archiwum Elektrotechniki, No 11,
1962, pp 181-185.
*ACSI I-9245 A
IN 2204009366

Sqi - Eloc
Mar 66

Equivalent Circuits and Properties of Transi-
tors with Current Carriers Multiplication, 94
by A. Ambrozjak.
PUBLISHED, per Archiwum Elektrotechniki, No 11,
1962, pp 229-240.
*JCSL 1-9245 B
ID 2204000366

Ambrozjak, A.

Sci - Elec
Mar 66

Polish Protocol, by Andrzej Ambrozinski. 45
POLISH, per. Przegląd Elektroniki, No 9,
1964, pp 389,390.
*AASI 1-0510 B
ID 2204018966

Ambrozinski, Andrzej

Sci - eloc
Mar 66

First Observations on the Introduction
of the Capital Use Charge, Gera Ambroz, p 23

9 pp.

HUNGARIAN, per, Fenzanyi Ezenle, No 12,
Dec 1964, pp 972-977.

JPRS 23007

EE-Hungary

Econ

Mar 65

276,405

EVALUATION OF THE PROFITABILITY OF EXPLOITATION OF
COAL DEPOSITS, BY JERZY AMBROZY, 16 PP.

POLISH, PER, PRZEGLAD GORNICZY, NO 6, 1962,
PP 347-354.

JPRS 15254

EEUR - POLAND
ECON .
OCT 62

213,479

The Interrelation of Psychogenic and Somatic Factors
in the Picture of a Paranoid Reaction, by V. M.
Banschikov, A. G. Ambrumova, 10 pp.

RUSSIAN, per, Zhurn Nevropatol i Psikh imeni S. S.
Korsakova, pp 1001-1004.

FDD X-4682

Sci - Med
Jul 61

159,192

The Problem of So-Called "Familial"
Schizophrenia, by A. G. Ambrumova, 12 pp.
UNCLASSIFIED

RUSSIAN, per, Zhur Nevropatologii i Psikh
imeni S. S. Korsakova, Vol ~~LXXI~~ LVII, No 9, 1957,
PP 1101-1105. CIA 9015982

NIR 3-18

Sci - Med

Feb 58

58,701

SL4, R-3232
SLA, 61-19180

Emission Spectra of Organic Compounds in Gaseous
Discharges, by I. Ambrush.

RUSSIAN, per, Uspekh Khim, Vol XXVI, No 3, 1957,
pp 345-361.

Tech and Com

Sci - Chem

Apr 58

62,250

Acylpyrazoles. II. Synthesis and Acidity Constants
of 3-Aroylpyrazoles, by N. K. Kochetkov, Ivan
Ambrush, A. I. Usov, 5 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXIX, No 8,
1959, pp 2578-2583.

Consultants Bureau

Sci

Aug 60

126,714

Acyl Pyrazoles. III. Synthesis and Acidity
Constants of 3,5-Diacylpyrazoles, by N. K.
Kochetkov, Ivan Ambrush, T. I. Ambrush, 5 pp.

RUSSIAN, per, Zhur Obschh Khim, Vol XXIX, No 9,
1959, pp 2964-2968.

CB

Sci

Sep 60

129,293

Acyl Pyrazoles. III. Synthesis and Acidity
Constants of 3,5-Diacylpyrazoles, by H. K.
Kochetkov, Ivan Ambrush, T. I. Ambrush, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2964-2968.

CB

Sci

Sep 60

129,293

Crystallization in the Bottom Part of Ingots, by
A. Ambroz.
CZECHOSLOVAKIAN, per, Rutnické Listy, Vol 16, No 1, 1964,
pp 10-14.
CEL/D.703
Vol 17, No 3, 1969

A. Ambroz

July 69

385-190

Ambruz, A. A METHOD OF DETERMINING THE QUALITY OF FORGINGS FROM THE DEGREE OF FORGING DE- FORMATION. Mar 64. Order from MT \$21.50 MT Trans-354 Trans. of Hutnik (Czechoslovakia) 1963, v. 13, no. 9, p. 439-443.	TT-64-22050 I. Ambruz, A. II. MT-Trans-354 III. Toilemache, M. de O., Burrington (England)
(Metallurgy, TT, v. 12, no. 2)	85149
Office of Technical Services	

H. Ambuehl

Practical Application of the Electro-chemical
Determination of Oxygen in Water, by H. Ambuehl.
GERMAN, per, Schweizerische Zeitschrift fuer Hydrolo-
gie, vol. 22, no. 1, 1960, pp. 23-39.
NYC 71-11140-08H

August 71

Identification of Antibiotics by Electrophoretic
Papergraphy, ix Report No 28, by Bunji Takahashi,
Yasuji Amano, 16 pp.

JAPANESE, per, Journal of Antibiotics, Series B,
Vol VII, No 3, Mar 1954, pp 81-84.

S.L.A. Tr 792/1956

Sci - Biology
Oct 56 GTS

39,933

Changes in the Central ~~NAM~~ Nervous Systems of
Monkeys Following Infection With Various Strains of
Poliomyelitis Virus, by E. E. Rozina, A. M.
Amchenkov, 7 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 5,
1962, pp 57-63.

ATS-57P66R

Sci
May 63

230,616

A Study of the Properties of SOTs (Synomolgus
Monkey Heart) Cells by Inoculation into ~~Immunized~~
Monkeys and re-Explanation, by O. G. Andzhaparidze,
Ya. Ye. Khasin, 8 pp. *A. M. Anchenkov.*

RUSSIAN, per, Vopr Virusol, Vol V, No 3, 1960,
pp 351-359.

FP

Sci

Jun 61.

157,328

Cytochemical Study of Succinic Dehydrogenase
Activity in Implanted Cells, by V. G. Zaslavskiy,
A. M. Anchenkova, 5 pp.

RUSSIAN, per, Ruzl Eksper Biol i Med, Vol LI,
No 1, 1961, pp 91-93.

CB

Sci.
Aug 61

167, 162

Hydrogenic Accumulation of Silica Compounds and
Sesquioxides in Soils of the Amur Foreland, by
V. A. Kovda, N. A. Zinovets, A. G. Anichislavskaya,
9 pp.

RUSSIAN, per, Pochvovedeniye, No 5, 1958, pp 1-11.

ATBS

Sci -
Jan 61

137,169

General Climate and Types of Forests in Iran, by
H. Amjadi, 17 pp.

FRENCH, per, Bulletin de la Societe Royale Forestiere
de Belgique, Feb 1958, pp 121-137. Call No SD1.B93
Vol 65 No 2

AMS Lib Tr Unit

MS/A - Iran
Geog
Aug 58

71,947

61-16460

Ameen, Walter.
NEW DEVELOPMENTS IN THE FIELD OF DIS-
SOLVING PULP. [1961] [16]p. 12 refs.
Order from SLA \$1.60

61-16460

Trans. of Svensk Pappers-tidning, 1961, v. 64, no. 4,
p. 130-137.

DESCRIPTORS: *Wood pulp, *Solvates

This lecture discusses future prospects for dissolving
pulp with reference to the following items: (1) trends,
which can be estimated for dissolving pulp; (2) trends,
which can be found from textile production; (3) Swedish
dissolving pulp in competition with established and new
producers and also with pulp produced from cheap wood;
(4) the development potential of pulping methods; (5) the
development potential of viscose methods; and (6) pulp
qualities. (Extracted)

(Materials--Paper, TT, v. 6, no. 6)

I. Ameen, W.

Office of Technical Services

The Marking of Steel with Radio-Active
Isotopes, by L. Ameen, H. G. Forsberg.
SWEDISH, per, Tekn Tidskr, Vol 91, 9 Jun 1961,
pp 671-673.
BISI 5818

B. L. Ameen

Sci/Mat.
Dec 68

354,432

Complete Arab Cooperation Sought for Oil Industry
Nationalization, by Dr. Mahmood Ameen, 7 pp.
ARABIC, pp. al-Ahram, 10 July 1967, p. 5.
JPRS 62208

DR. MAHMOOD AMEEN

MR-JAR
Econ
Sept 67

330,982

New Apparatus for Determining the Metabolism
of Small Animals, by V. Caputo, A. Meli.
ITALIAN, per, Stadi Urbinati, Faculty of
Pharmaceutics, New Series C. No. 3, 1954,
pp 1-7
SIACSIR/Ref. No. 284

A. MELI

Sci -
Aug 67

335-959

(SF-1850)

All-Out Improvement in Activities of Auditing
Commissions, by A. Amelin, 4 pp.

RUSSIAN, np, Sovetskii Patriot, 4 Sep 1960, p 2.

JPRS 10604

USSR

174, 056

MI1

Nov 61

(SF-1850)

Good Deeds of Inhabitants of the Konstantinovskiy
Settlement, by A. Amelin, 4 pp.

RUSSIAN, np, Sovetskiy Patriot, No 91 (2418),
13 Nov 1960, p 2.

JPRS 4765

USSR

M11

Jul 61

160,448

The Formation of Supersaturated Vapour in the
Process of Its Condensation on a Surface, by
A. G. Amelin, 32pp
RUSSIAN, per, Zhurnal Tekh Fiz, Vol 16, 1946,
No 12, pp 1409-1426
OTS TT-64-19977

A. G. Amelin

Sci - Eng
June 67

329,467

Regulation of Dispersibility of Liquid Aerosols
Obtained by the Condensation Method, by A. G.
Amelin.

RUSSIAN, bk, Aerosoli v Sol'skoi Khimii, 1956, pp 15-27.
Ak. Sol'skoi, Nauk imeni V. I. Lenina, 1956, pp 15-27.
9073228

UGDA

Sci - Chemistry
Dec 60

134,695

SLA: 61-13499

absorption of sulphuric anhydride by aqueous
solutions of sulphuric acid. Part 2, by
A. G. Amelin.
RUSSIAN, per, J. Appl. Chem., Vol 18, Nos. 9-10.
1945, pp 509-517.
UNTIL

93

sci/ chemistry
aug 69

388,668

A. G. Amelin

Reaction of Sulphuric Anhydride by Aqueous
Solutions of Sulphuric Acid, by A. G. Amelin.
RUSSIAN, per, J. Appl. Chem, Vol 17, No 6,
1944, 310-325
UNIL

sci/ chemistry
aug 69

388,667

A. G. Amelin

(SF-1879)

Mists Serve Man, by A. G. Amelin, 83 pp.

RUSSIAN, bk, Tmamy Sluzhat Cheloveku, 1961.

JPRS 11753

Sci - Geophys

180,380

Jan 62

Production of Sulphuric Acid by the Wet
Contact Process, by A. G. Amelin.

RUSSIAN, per, Khim Prom, No 8, 1955, /
~~GB-124~~ No 112, pp 453-457.

ASLEB - G B 114 No 112

Sci

Aug 58

69, 779

Formation of Radiation Fog, 6 pp. (II 043525)

by A. G. Amelin

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 2, Mar 1951, pp 249-252.

ID GSUSA F-6533

USSR

Scientific - Physics

A-190

Significance of Liquid Aerosols in the Control
Pests and Diseases of Agricultural Crops, by
A. G. Amelin.

RUSSIAN, bk, Aerozoli v Sel'skom Khozyaistve,
1956, pp 5-7. 9072205

Sci - Biol

USDA

Oct 60

SLA: 61-13797

129,813

Adsorption of Sulfuric Anhydride by Water Solutions of
Sulfuric Acid. II. (1), by A. G. Amelin.

RUSSIAN, per, Zhur Prih Khim, Vol XVIII, 1945

CIA/FDD/X-133
SLA R-2636

Scientific - Chemistry

12,771

The Mechanism of Mist Formation During the Concentration of Sulfuric Acid, by A. G. Amelin, S. B. Borodastova, 8 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXIX, No 5, May 1956, pp 664-670.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CTS

44,231

Deposition of Particles on Objects From Surrounding Streams, by A. G. Amelin, M. I. H Belyakov, 11 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 4, Jul/Aug 1956, pp 385-394.

Consultants Bureau

Sci - Physics
Jun 1957

48,376

Quantity of Mist Formed in Vapor Condensation on a
Surface, by A. G. Azolin, E. V. Yashko, 6 pp.

Russian, per, Kolloidnyi Zhurnal, Vol XXV, No 1, 1963,
3-8.

CS

12
17 63

241,806

Theory of the Vapor Separation Process by Freezing
Out, by A. G. Amelin, Z. B. Borodastova, 10 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXIV, No 5,
1950, pp 529-533.

9092546
Morris D. Friedman
\$5.00 A-III

Scientific - ~~Physics~~
Chemistry
CTS 73/Oct 1955

27,899

The Mechanism of Mist Formation in the Manufacture
of Sulfuric Acid Employing Nitrous Vitryiol, by
A. G. Amelin, A. I. Baranova, *p*

RUSSIAN, per, Zhur Prik Khim, ~~XXXXXXX~~ Vol XXII,
No 12, 1949, pp-~~XX~~1225-1230.

Assoc Tech Sv RJ-420

37,090

\$10.95

PO Box 271, East Orange, N. J.

Sci - Chemistry

SLA, ATS-RJ420

Aug 1956

Regulation of the Degree of Dispersion of
Liquid Aerosols Obtained by the Condensation
Method, by A. G. Amelin, M. I. Belyakov,
8 pp.

RUSSIAN, per, Kolloid Zhur, Vol XVII, No 1,
Jan-Feb 1955, pp 10-17. CIA D 151334

24,450

Consultants Bureau

Scientific - Chemistry

Jun 55 CTS/DEX

also, FOL XV-44

AEC-ANWB-25-11

3-1-1000
Mar 68

274,330

Vapor Supersaturation During Condensation
at a Surface, by A. XG. Amelin, 5 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mar, Apr, 1963, pp 146-151.

CB

Sci
Aug 64

264,583

Dispersity of the Mist Formed by Surface Condensation
of Vapor, by A. G. Amelin, M. I. Belyakov, 6 pp.

RUSSIAN, per. Kolloidnyi Zhur, Vol XXIV, No 4,
1962, pp 374-381.

CB

Sci

Apr 63

233,702

Amelin, A. G.

ABSORPTION OF SULPHUR TRIOXIDE BY AQUEOUS SOLUTIONS OF SULPHURIC ACID, II. [1961] [10]p. 9 refs. [DSIR LLU] M 2055.

Order from LC or SLA mi\$1.80, ph\$1.80 61-13415

Trans. of Zhurnal] Priklad[noy] Khim[i] (USSR) 1945,
v. 18, p. 509-516.

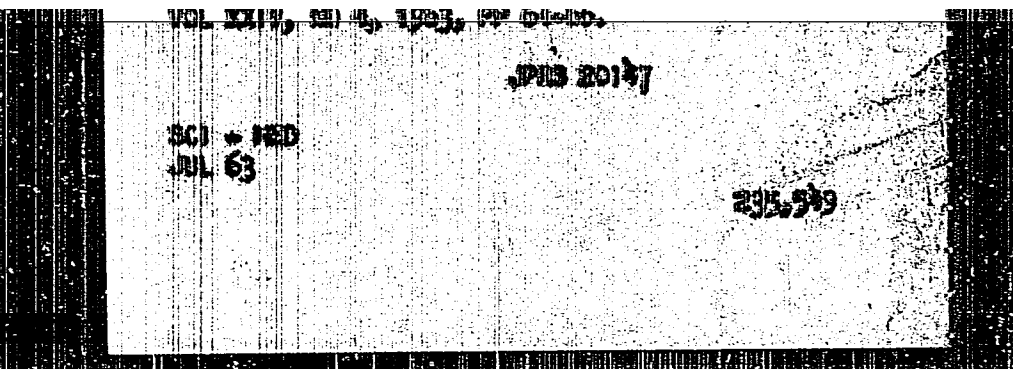
61-13415

1. Sulfur oxides--Absorption
2. Sulfuric acid--Absorptive properties

- I. Amelin, A. G.
II. DSR LLU M.2055

Office of Technical Services

(Engineering-Chemical, TT, v. 5, no. 12)



Amelin, A. Z., Anshelovich, Yu. V., and
Melzoba, M. Ya.
EXPERIMENTAL INFARCTION-LIKE CHANGES IN
THE MYOCARDIUM BROUGHT ABOUT BY ISADRIN
(ISOPROPYLNORADRENALIN). [1963] [14p] 14refs
FASEB manuscript no. S 156-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13507
figs available on loan from OTS
Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 1,
p. 25-29.

DESCRIPTORS: *Heart, *Necrosis, Drugs,
Obstruction (Physiology), Coronary vessels,
Epinephrine.

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13507

1. Title: Isadria
2. Title: Isopropylnor-
adrenalin
- I. Amelin, A. Z.
- II. Anshelovich, Yu. V.
- III. Melzoba, M. Ya.
- IV. FASEB-S-15, 3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Analysis of the Material on Fatal Outcomes in Acute
Appendicitis, by A. Z. Amelin, Ya. F. Polyakov,
IRIK B. I. Bikitina

INVESTIAN, no per, Voenno Med Zhur, No. 11, Moscow,
Nov 1957, pp 37 - 40

US JPRS/RY-289

60,609

Sci-Med

Efficient Distribution of Wells in the Oil
Fields of the Krasnodar Area, by S. T. Korotkov,
I. D. Anselin, 6 pp.

RUSSIAN, per, Geolog Nefti i Gaza, Vol XX IV,
No 9-A, 1960.

REG

Sci
Jun 63

232,558

Study of Water Overflowing Wells by the Method of
Pressure Reduction at the Mouth (Opening), by
I. D. Amelin.

RUSSIAN, no per, Neft Khoz, Vol XXXIV, No 9,
1956, pp 24, 29. _____

Tech and Comm

\$45.00

43,927

Sci - Engineering
Feb 1957 CTS/dex

Theory of Thermogradient Drying of Films, by
Deryagin, Goufman, Amelin, Levi.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,
No 4, p 759.

NSF 213

Scientific - Physics

CTS/DEX

9588

May 17 1946/ATL 71143

Sci - North Sci & Atmos
May 64

263,993

(NY-1374)
Some Problems of Current Importance
in Radon Therapy, by V. V. Rozin,
V. A. Filippov, A. V. Amelina

RUSSIAN, no per, Voenno Med Zhur,
No 6, Moscow, June 1961, pp 40-42

173.387

US JPRS: 10328

Sci

Nov 61

Causes for the Decreased Stability of the
Crystalline Structure of Monocalcium Aluminate
Formed at Elevated Temperatures, by E. E. Segalova,
Z. D. Talovskaya, E. A. Anelina, and P. A. Rabinder,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 876-879.

Consultants Bureau

Sol

Feb 60

108,172

Diffusion of Water in Dry Gelatin Layers, by K. S.
Amelina, F. P. Kovalichov, 9pp
RUSSIAN, per, Inst Math i Optika, Vol 24, 1957,
pp 127-133
CIA TT-60-10895

K. S. Amelina

Sci - Mat
July 67

329,581

Diffusion of Aqueous Solutions into Dry Gelatin
Layers, by E. S. Amelina, F. P. Kovalichov, O. P.
Kovalichov, Sov
RUSSIAN, ger, Inst Math i Optici, Vol 24, 1957,
pp 134-139
SLA TT-60-10896

E. S. Amelina

Sci - Mat
July 67

329,582

Determination of Small Amounts of Phenols
by a Chemiluminescent Method, by
A. A. Ponomarenko, L. M. Amelina, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII,
No 10, 1963, pp 1244-1249.

CB

Sci
Aug 64

264,806

Diffusion of Water in Dry Gelatin Layers, by
K. S. Anisina, F. F. Kovalichev, 9 pp.

RUSSIAN, per, Sbornik Nauch Trudev Leningrad
Inst Tekh Mekh i Optiki Mat Mekh Khim, No 24,
1957, pp 127-133.

CIA/FDD XX-791

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Mar 60

USIB INTERNAL USE ONLY

109,735

Physical Properties of UO_2 Crystals, by S. Amelinckx, 87 pp.
FRENCH, rpl.

OTS 61-19973

Sci-Chem
Feb 64

259,028

Amelinckx, S. and others.
PHYSICAL PROPERTIES OF UO_2 SINGLE CRYSTALS.
Quarterly rept. 3, 1 Apr-30 June '62, on Contract
063-61-10 RDB. [1963] [23]p. refs. CEEN R. 2146.
Order from OTS or SLA \$2.60 EURAEC-381

Trans. of a rept. from Centre d'Étude de l'Énergie
Nucléaire, Mol (Belgium) n.d.

DESCRIPTORS: *Single crystals, *Uranium compounds,
Dioxides, Physical properties, *Radiation effects,
*Crystal lattices, Density, Oxidation, Thermal con-
ductivity, Electrical conductance, Deformation, Dis-
sociation, *Photoconductivity.

For abstract see Nuclear Science Abstracts 17: 1143,
1963. (See also EURAEC-302)

(Physics--Solid State, TT, v. 10, no. 10)

63-19986

1. Title: Hole currents
- I. Amelinckx, S.
- II. CEEN R. 2146
- III. EURAEC-381
- IV. European Atomic
Energy Community,
Brussels (Belgium)

1252512

Office of Technical Services

Amelinckx, S. and others.
SWELLING OF URANIUM. Quarterly rept. 8,
1 July-30 Sep 62, on Contract 022-60-09 RDB. [1963]
[31]p. CEEN R 2179.
Order from OTS or SLA \$3.60 EURAEC-464

Trans. of a rept. from Centre d'Etude de l'Energie
Nucleaire, Mol (Belgium) n.d.

DESCRIPTORS: *Uranium, *Folios, Preparation, Cold-
working, Annealing, *Electrolytic polishing, *Grain
structure (Metallurgy), *Radiation effects, *Crystal
lattice defects, *Twining (Crystallography), Crystal
structure, Electron microscopy.

Observations were made of the defect structure in
thin α -uranium foils of highest purity. A method was
developed which appears to be suitable for the prepa-
ration of thin uranium foils of large grain size. Such
(Physics--Solid State, TT, v. 10, no. 9) (over)

63-19985

- I. Amelinckx, S.
- II. CEEN R-2179
- III. EURAEC-464
- IV. European Atomic Energy
Community, Brussels
(Belgium)

449918

Office of Technical Services

Amelincx, S. and others.
SOLID STATE NEUTRON DETECTOR. Quarterly
rept. 6, 1 Jan-31 Mar 62, on Contract 079-61-10 RDB.
[1963] [19]p. 3 refs. CEEN R-2112.
Order from OTS or SLA

EURAEC-306

Trans. of a rept. from Centre d'Etude de l'Energie
Nucléaire, Mol (Belgium) n.d.

DESCRIPTORS: *Neutron detectors, Radiation
measurement systems components, *Semiconductor
devices, *Single crystals, *Silicon compounds,
*Carbides, Impurities, Aluminum, *Photoelectricity,
Resistance (Electrical), *Hall effect, Fast neutrons,
Neutron bombardment.

P-N junctions with relatively good characteristics have
been obtained by diffusion of Al into n-type SiC single
crystals. The width of the barrier is estimated to be
(Nuclear Physics--Instruments, TT, v. 10, no. 9)
(over)

63-19989

- I. Amelincx, S.
- II. CEEN R-2112
- III. EURAEC-306
- IV. European Atomic Energy
Community, Brussels
(Belgium)

1249659

Office of Technical Services

63-23275

Amelinckx, S. and others.
PHYSICAL PROPERTIES OF UO_2 SINGLE CRYSTALS.
Quarterly rept. no. 5, 1 Oct-31 Dec 62. [1963] 24p
Contract 063.61.10/RDB
Order from OTS or SLA \$2.60 EURAEC-524

Trans. of a rept. from Centre d'Étude de l'Énergie
Nucléaire, Mol (Belgium) n.d.

DESCRIPTORS: *Single crystals, *Uranium compounds,
Dioxides, Sintering, Diffusion, Thermal conductivity,
Spectrographic analysis, Crystal lattices, Radiation
effects

Several runs were made in the new furnace to prepare
single crystals of UO_2 for studies at CEN and for satis-
fying requests from other institutions. The gyration
method for spheroidization of single crystals was im-
proved. An equipment for the sintering experiments
and for observation of the necks formed between the
(Physics--Solid State, TT, v. 10, no. 12) (over)

- I. Amelinckx, S.
- II. EURAEC-524
- III. European Atomic Energy
Community, Brussels
(Belgium)

63-23275

Office of Technical Services

Amelinckx, S. and others.
SOLID STATE NEUTRON DETECTOR. [Quarterly
report no. 5] 1 Oct-31 Dec 61, on Contract 079-61-10 RDB
[1962] 15p. 3 refs.
Order from OTS and SLA \$1.60

EURAE-246

Trans. of a rept. from Centre d'Étude de l'Énergie
Nucléaire, Brussels (Belgium) [1962].

DESCRIPTORS: *Semiconductors, *Solid state physics,
*Neutron detectors, *Silicon compounds, Carbides,
Diodes, Radiation damage, Hall effect, Resistance,
Spectrographic analysis.

The radiation damage program of homogeneous SiC and
diodes was continued. Measurements were made of
Hall effect and resistivity on a number of p-type crys-
tals of SiC in a temperature range between 300°K and
1300°K. From the temperature dependence of free hole
(Nuclear Physics--Instruments, TT, v. 9, no. 1) (over)

62-33169

- I. Amelinckx, S.
- II. EURAE-246
- III. EURATOM (Belgium)

4236453

Office of Technical Services

Amellockx, S. and others. PHYSICAL PROPERTIES OF UO_2 CRYSTALS. Quarterly rept. no. 1, 1 Oct-31 Dec 61 on Contract 063-61-10-RDB. [1962] 24p. 28 refs. Order from OTS or SLA \$2.60 EURAEC-266 Trans. of a rept. from Centre d'Étude de l'Énergie Nucléaire, Mol (Belgium) n. d. DESCRIPTORS: *Uranium compounds, *Dioxides, *Single crystals, *Physical properties, Radiation ef- fects, Crystal lattices, Thermal conductivity, Electri- cal properties, Semiconductors. (Physics--Solid State, TT, v. 9, no. 9)	63-13151 I. Amellockx, S. II. EURAEC-266 III. EURATOM (Belgium) 4236941 Office of Technical Services
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Spirals of Growth on Crystals of Gold Obtained
by Precipitation, by Severin Amelinckx, Carl C. J.
Grosjean, Willy Dakeyser, 4 p.

FRANCE, par, Comptes Rendus Acad des Sci,
1952, Vol CCXXXIV, No 1, pp 113-115.

SLA 59-20036

Sci
Mar 60
Vol 2, No 11

109,663

DRAWING UP THE DRAFT ECONOMIC PLAN, BY P. ADEL'KIN,
5 PP.

RUSSIAN, KP EKON GAZETA, 27 JAN 1963, P 15.

NP70 21363

USSR
ECON
OCT 63

345,788

(SF-1855)

New 11,000 Ton Floating Drydock for
East German Shipyard, by H. Amelung,
10 pp.

GERMAN, per, Schiffbautechnik, Vol XI,
No 12, 1961, pp 602-609.

JPRS 13284

190,429

EEAK
Germany
Econ

63-22293

Amelongen, Gerit Jan Van and Pras, Franciscus
Johannes Fredericus Van der.
METHOD OF MANUFACTURING CATALYSTS USED
FOR POLYMERIZATION OF ETHYLENE UN-
SATURATED HYDROCARBONS. July 63, 26p. 1 ref.
Order from SA \$19.00 SA Code-P-195

Trans. in manuscript of published Japanese patent
7738/1962, cl. 13-P-15 (26-B-11) (26-B-21) appl.
no. 35497/1959 filed 17 Nov 59, pub. 10 July 62,
priority claimed: 19 Nov 58 (Netherlands) by Shell
Internationale Research Merchappij N. V., Netherlands.

DESCRIPTORS: *Polyethylene plastics, Hydrocarbons,
*Propenes, Polymerizations, Metalorganic compounds,
*Ziegler catalysts, *Aluminum compounds, Alkyl
radicals, *Titanium compounds, Halides, *Chlorides,
Manufacturing methods.

(Materials--Plastics, TT, v. 10, no. 9)

I. Amelongen, C. J. Van
II. Pras, F. J. P. Van der
III. Patent (Japan) pub. 37-7738
IV. SA Code-P-195
V. Seizaburo Aoki (Japan)

Office of Technical Services

Amelung, D. REVIEW OF THE CHEMISTRY, MODE OF ACTION AND ANALYSIS OF INSULIN. [1961] 13p. 35 refs. Order from SLA \$i. 60 61-20634	61-20634
Trans. of D[eu]tsch[e] Med[izinische] W[ochen]schr- [ft] (West Germany) 1958, v. 83, no. 45, p. 2002-2005.	I. Amelung, D.
DESCRIPTORS: *Insulin, Glucose, Metabolism, Hormones, Biochemistry, *Liver, *Tissues (Biology), Carbohydrates, *Chromatographic analysis, *Endo- crine glands, Secretion.	191133
(Biological Sciences--Physiology, TT, v. 7, no. 4)	Office of Technical Services

Calculation of the Strength of Metallic and
Plastic Cylindrical Vessels, Reinforced by
a Kind of High-Strength Material, by

A. M. Amel'yanchik, 30 pp.

RUSSIAN, per, Prochnost' i Dinamika

Aviatsionnykh Avigateley, Sbornik

Statey, No 1, 1964, pp 3-22.

PI00055567

FTD MT 65-154

97
A. M. Amel'yanchik

Sci-Materials

Mar 67

320,475

Computer Calculation of the Strength of Turbine
Disks, by A. V. Amel'yanchik, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk Mekh i Mash, No 1, 1959, pp 138-143.

ATS-76L35R

ATS-RJ-3319

Sci

Jun. 60

118,299

NCH-200 184

Field 21E

Amelyushkin, V. N.; Umanski, M. P.
THE EFFECT OF A VORTEX FLOW ON THE EFFICIENCY
OF A CURVILINEAR DIFFUSER (Vliyaniye Zakrutoy Potoka
na Effektivnost' Krivolineynogo Diffuzora). 9 Oct 64,
12p (foreign text included) 2refs. TP/T3535.
Order from NLL

Trans. of Energomashinostroenie (USSR) v9 n12 p18-21
1963.

I. Associated Electrical
Industries, Ltd.
Trafford Park (England)

Twist of Flow and Its Effect on the Effectiveness
of a Curvilinear Diffuser, by V. N. Anelyushkin,
M. P. Umansky. FOR OFFICIAL USE ONLY

RUSSIAN,

FTD-TT-64-551

Sci
Dec 64

269,816

1063 30 JUL 64 004136
PTU-PT-5251

Sci - Engr
Nov 64

269,004

62-26905

Amemiya, T. and Oguchi, K.
SYNTHÈSE DE L'HYDRATE DE TERPÈNE. Rapport
1-3 (Synthesis of Terpene Hydrate). 17p. 14 refs.
Order from OTS, ETC or CNRS \$0.80 62-26905

Trans. in French of unidentified Japanese language
article, n.d.

DESCRIPTORS: Terpenes, Hydrates, Sulfuric acid,
Synthesis (Chemistry).

- I. Title: Terpene hydrate
- I. Amemiya, T.
- II. Oguchi, K.
- III. Centre National de la
Recherche Scientifique

(Chemistry--Organic, TT, v. 10, no. 10)

Office of Technical Services

On TAC Computer, by A. Azamiya. UNCLASSIFIED

JAPANESE, per, Denki Tsushin Gakkai Zasshi, Jun 1957.

USASIA Tr 972Y

Sci - Electron

Feb 58

59,231

Amemiya, I., Tamura, M., and Senuma, H.
ON CONDITIONS DETERMINING SEX IN THE
MAGAKI OYSTER (OSTREA GIGAS THUNBERG)
tr. by T. B. Kurata. 1960 [9]p. Fisheries Research
Board of Canada trans. series no. 296.
Order from NRCC mi\$0.50, ph\$3.00 NRCC C-3525

Trans. of Suisan Gakkai-ho (Japan) 1929, v. 5, no. 2,
p. 234-257.

(Unannounced)

61-12610

- I. Oysters--Physiology
- I. Amemiya, I.
- II. Tamura, M.
- III. Senuma, H.
- IV. FRC Trans-296
- V. NRCC C-3525
- VI. Fisheries Research Board
of Canada

Office of Technical Services

Amemiya, Ikusaku. ON SEX CHANGE IN THE JAPANESE COMMON OYSTER, <i>OSTREA GIGAS</i> THUNBERG, tr. by T. B. Kurata. 1960, 3p. 4 refs. Fisheries Research Board of Canada. Trans. series no. 295. Order from NRCC m\$0.50, ph\$1.50 NRCC C-3522 Trans. of [Japan Academy, Tokyo. Proceedings] 1929, v. 5, no. 7, p. 284-286. (Biological Sciences--Zoology, TT, v. 5, no. 8)	61-12611 I. Oysters--Physiology I. Amemiya, I. II. FRBC Trans-295 III. NRCC C-3522 IV. Fisheries Research Board of Canada Office of Technical Services
--	---

On Sex Change in the Japanese Common Oyster,
~~Scapharca subcrenata~~, by Ikusaku Amemiya,

JAPANESE, par, Proceedings of the Imperial
Academy, Japan (Tokyo), Vol V, No 7, 1929,
pp 284-286.

Dept Interior
QH301 C273 No 295

Sci - Biol
May 61

148,899

On the Structure of the Poison Spines of the
Aigo, by Ikusaku Amamiya, 6 pp.

JAPANESE, per, Suisan Gakkaï Ho, Vol III,
No 3, July 1921, pp 196-204.

B. L. A.

20,407

Scientific - Biology

Dec 54 CTS/DEX

On the Possibility of Removing Copper From Steel
and Pig Iron, by L. Aasen, C. Pfeiffer

NORWEGIAN

~~Offen~~, per, Jernkontorets Annaler, Vol. CXXXVII,
No 7, 1953, pp 238-251.

Brutcher Tr 3206

Scientific - Minerals/Metals

CTS/DEX

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9278