

The Ecdysone Titre of Developing Insects. Parts I
and II. A Method of Determining the Ecdysone Content,
by P. Karlson.
GERMAN, per, Journal of Insect Physiology, Vol 10, No 5,
1964, pp 797-804; Vol 11, No 1, 1965, pp 65-69.
NTC-71-10386-06F

Nov 71

Electrophoretic Fractionation of Haemolymph Proteins
During the Metamorphosis of Formica Polyctena Foerster
(Hymenoptera)., by G. Schmidt.

GERMAN, per, J. Insect Physiol., Vol 11, No 1, 1965,
pp 71-77.

(CSIRO/No. 7609)

Sci -

Sep 67

339,999

Research on the Sugar Spectrum of Honey Bee
Haemolymph. Part I. the Sugar Composition
of the Blood of Adult Bees, by A. Maurizio.
ITALIAN, par, Journal of Insect Physiology,
Vol. 11, 1965, pp 745-763.
NTC-69-13109-06C

Sci.-E&M
Sept 69

391,621

Sterols and Triterpenoids. Part X. The Sterols of
the Potato Beetle *Leptinotarsa Decemlineata* Say,
by M. Ardenne.
GERMAN, per, Journal of Insect Physiology, Vol 11, No 10
1965, pp 1365-1376.
NTC-71-10380-06C

Nov 71

Problems of Lipid Mobilization in Insects, Modifications
taking place in free and fixed Lipids, in the Lipid
phosphorus, and in free and Esterified fatty acids
during the Pupal Phase of Pornica Polycetena, by G.
Schmidt.

GERMAN, Ger, J. Insect Physiol., Vol 12, No 2, 1966.

pp 237 - 249

CSIRO/No 8063

Sci -

Sep 67

140,176

Karlson, P. and Christiana Ede 1969
Inactivation of the eddyson in the bluebottle Calliphora
erythrocephala Meigen (Die Inaktivierung des Eddysons bei
der Schnelssfliege Calliphora erythrocephala Meigen)
Journal of Insect Physiology, 15: 111-118. In German.

Transl. by Transl. Bur. Ent. Lang. Div., Dept. of Sec. of
State of Canada, for FRSC Halifax Laboratory, Halifax, N.S.,
1971. as Transl. Series No. 1911. 14p. Wpescrpt.

Avail. on loan - EMFB, Wash., D.C.

Original at the Clarke Bldg.

P. Karlson

Inactivation of the Ecdysone In The
Blue-Bottle, by P. Karlson.
ENGLISH, per, Journal of Insect
Physiology, Vol 15, 1969, pp 111-116.
DTD 72-60067-060

May 72

Discussion on the ideas of an LD Steel-Worker
on the Present State and Future Trend of the
Automation of LD Steel Plants, by A. Wegscheider.
DUTCH, IER, Jour Intern Sider Amsterdam Paper C-103
1965
GR 109/Aust/CRL/T.2305

Sci -
Aug 67

330,000

Automation of a Blast Furnace, by J.M. Van Lagen.
DUTCH, Per, Jour Intern Sider Amsterdam Paper B-C,
1955
GD 209/Aust/CRL/T 2047

Sci -
Aug 67

336,531

The Effects of Heat and Humidity on the Skin, by
M. B. Sulzberger, 6 pp.

HEBREW, per, Journal of the Israel Medical
Association, Vol 71, 1966, pp 129-131.
Dept of Navy, NIC Trans 3030

Sci/B&M
May 70

407,118

The Effect of Otolith Irritation Upon the
Reflexes of the Semi-Circular Canals, by
C. C. Chiloff.

FRENCH, per, Journal of Laryngology, Otology
and Rhinology, Vol 48, No 22, 30 Nov 1927;
No 23, 15 Dec 1927.

Dept of Navy NIC Trans No 2728

NAN/NIC/TRANS-2728-68

Sci-B&M
Jan 69

366,347

Order of Council of Ministers, 12pp.

POLISH, bk, Journal of Law, No 76, 1958,
item 388, 390.

ACBI, E-3096

EEur - Poland

Pol

95, 921

Sep 59

Personnel Procurement, 5 pp.

POLISH, *Prace*, Journal of Law, No 60,
28 Dec 1961, OUBAKINS, Poland, Incl to
R. HQ-62.

ID 2192429

ISIR - Poland

1892

189,243

27 Mar 62

Consular Convention Between the Polish People's
Republic and the German Democratic Republic, 10 pp.
OFFICIAL USE ONLY

POLISH; rpt., Journal of Laws of the Polish Peoples'
Republic, No 7, 31 Jan 1959, Encl to Desp No 302,
Ambassy, Warsaw, 9 Apr 1959.

Dept of State
4269257

KE - Poland, GER
Pol
May 59

86,677

Polish Passport Law, 7 pp. OFFICIAL USE ONLY

POLISH, part, Journal of Laws, No 36, 17 Jun 1959,
Encl to Dep No 42, AnEmbassy, Warsaw, 24 Jul 1959.

Dept of State
4235580

EE - Poland
Pol
Sep 59

96,357

Item 235. Order by the Minister of Internal
Affairs and of National Defence of 6 June 1959,
23 pp. UNCL

POLISH, per, Journal of Laws, No 38, 3 July 1959.

ID 2121954

EEur - Poland

~~Ref~~ M.L.

May 61

152,546

Local Electrolytic Polishing ("Ellopol" Technique)
for the Microscopy of Beryllium, Zirconium and
Molybdenum, by Peirre-A. Jacquet, 31 pp.

FRENCH, p. J. Less-Common Metals, Vol I,
1959, pp 439-455.

AEC Tr-4320

Sci - Min/Net
26 Apr 62

147,903

Richter, H. Winlerz, P. and others.
THE CONSTITUTION OF ZIRCONIUM-NIOBIUM AL-
LOYS. [1962].
Order from FRI

FRI Trans-177

Trans. of Journal of the Less-Common Metals (Nether-
lands) 1962, v. 4, no. 3, p. 252-265.

DESCRIPTORS: *Zirconium alloys, *Niobium alloys,
Chemical analysis.

(Chemistry, TIT, v. 9 no. 4)

63-12180

- I. Richter, H.
- II. Winlerz, P.
- III. FRI Trans-177
- IV. Fulmer Research Inst.,
Ltd. (Gt. Brit.)

Office of Technical Services

63-18461

63-18308

Rudy, E. and Stecher, P.
TO BUILDING-UP OF A SYSTEM HAFNIUM-OXYGEN.
[1963] 15p. (figs. omitted) 13 refs.
Order from SLA \$1.60

I. Rudy, E.
II. Stecher, P.

63-18461
63-18308

Trans. of Journal of the Less-Common Metals
(Netherlands) 1963, v. 5 [no. 1] p. 78-89.
Another trans. is available from SLA \$1.60 as
63-18308 [1963] [12]p.

DESCRIPTORS: Hafnium compounds, *Oxides,
Metallography, *Hafnium alloys, Mechanical properties,
Hardness, Electrical properties, Powder alloys.

(Metallurgy--Structural, TT, v. 10, no. 11)

Office of Technical Services

Electrodeposition of Powders of a Zirconium-Niobium
Alloy in a Bath of Molten Salts, by C. Decroly, R. Winand,
25 pp.

DUTCH, per, Journal of the Less-Common Metals,
No 6, 1964, pp 132-151. 9226676
AEC-Tr-6503

Sci-M/M
Feb 65

274,264

Thermal Dehydration of the Hydrates
of Rare Earth Chlorides, by
Guenther Haeseler, Franz Matthes, 15 pp.
CHEMA, per, J. Less-Common Metals,
Vol 10, 1965, pp 133-151. 9231970
DEC 18 -Trans-22

Sci-Chem
Feb 66

296,002

Preparation and Characterization of
Ultrafine Carbides, Nitrides, and
Metals, by E. Neucschwander.
FRENCH, Ger, J. Less-Common Metals II,
No 5, 1969, pp 365-375.
NASA TT C-10,805

Sci - Materials
May 67
GOVERNMENT USE ONLY

324,198

4 *FEC* (CRNL-tr-2379) 5 PREPARATION AND PROPERTIES
 OF THE OXYCHLORIDES OF CERIUM AND LANTHANUM. 6
 Matthes, F.; Haeseler, G.; Poeschl, R. 10 Translated by R.
 Gregg Mansfield (Oak Ridge National Lab., Tenn.) from 15 J. Less-
 Common Metals; 10: 344-7(1966). 20⁴p. 24 Dep. NTIS.

25

26 chemistry (inorganic); rare earths; translations 27^{07B}

28 MN-4 29^P NSA

Thermodynamic Description of the Solid Solution of
Carbon, Nitrogen, and Oxygen in Niobium and Tantalum,
by E. Fromm. 17 pp.

GOVERNMENT USE ONLY

DUTCH, per, J. Less-Common Metals (Netherlands) Vol 14,
1968, pp 113-125.

NASA TT F 13,399

july 71

JOURNAL OF THE LESS-COMMON METALS
1960 V11 P365-375 7350 (U151)
1967 V12 P280-293 70-10824-11F (C*)
1968 V14 P113-125 70-10357-11F (C*)
1968 V15 P249-264 70-13106-11F (C*)

ORDER FROM NTC

New Way to Make High-Melting Hard Carbides, by
G. Jangg.
GERMAN, per, J. Less-Common Metals, Vol 14, 1968,
PP 269-277.
*Nat Bur Stand TT 70-57895

Sci-Materials
Jul 70

High-Temperature Solubility of Nitrogen in Tungsten,
by E. Fromm, H. Jehn, 7 pp.
GERMAN, per, Journal of the Less Common Metals,
Vol 17, 1969, pp 124-126.
AEC/SC-Tr-4025-70

Sci/Mater
Oct 70

A Method of Study of Impurity Interstitial Diffusion
at Low Concentration, by G. Melchior.
GERMAN, per, J. Less-Common Metals, Vol 17, 1969,
pp 443-446.
*NTIS/NBS TT 71-55311
Available NBS Only

July 71

Thermodynamic Study of the Ga-Pb and Ga-Tl Systems,
by E. Predel.
GERMAN, Ber., J. Less-Common Metals, No 24, 1971,
pp 159-171.
*NTIS TT 72-53157

Aug 72

(SC-T-713075) NEW METHODS OF OBTAINING
METAL BORIDES. Cueilleron, J.; Lahet, G.; Thevenot, F.;
Paris, R. A. Translated by Patricia Newman (Sandia Labs.,
Albuquerque, N. Mex.), from J. Less-Common Metals; 24: 317-
22(1971). 208p. 24Dep. NTIS.

26chemistry (inorganic); metallurgy; translations 2707B, 11F

28MN-4 29P NSA

J. F. Eloy

Semiquantitative chemical analyses by mass spectro-
graphy using photon bombardment ionization (Ruby Laser),
by J. F. Eloy 20 pp.
ENGLISH, per, J. Mass Spectrometry ion phys, Vol 6,
1971, pp 101-112
NASA TT F 14153

may 72

(AEC-tr-7239) SEMIQUANTITATIVE CHEMICAL
 ANALYSES BY MASS SPECTROMETRY WITH IONIZATION BY
 PHOTON BOMBARDMENT WITH A RUBY LASER. Eloy, J. F.;
 Translated by P. J. P. Chastagner (Du Pont de Nemours (E. I.)
 and Co., Alken, S. C.), from J. Mass Spectrom. Ion Phys.; 6:
 101-15(1971). 170 pp. 24 Dep. NTIS.

chemistry (analytical); translations 07

MN-4 P NSA

Case # 14733

H. Kurugi

*Viscosity of glass in the As-Se-S, As-Se-Te, and
As-Se-Tl systems. 19 pp.*

*JAPANESE, Journal of Materials, Vol 19, No 197, Feb 1970,
AIR/FTD-HC-23-2141-71*

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

dec 72

4(AEC-tr-7262) 5STUDY OF LONGITUDINAL
SHOCK WAVES OF FINITE AMPLITUDE IN NONLINEAR ELASTIC
MATERIALS STARTING FROM THE SYSTEM OF ISENTROPES.
6de Belloy, Jean Poistel. 10Translated by Anna Vakar for Sandia
Labs., Albuquerque, N. Mex., from 15J. Mec.: 9: No. 2, 277-307
(1970). 2041p. 24Dep. NTIS.

25

26engineering; translations 2713

28MN-38 29P NSA

Study of the Shape of Plastic Deformation Curves,
by R. Jaoul.

FRENCH, per, Journal of the Mechanics and
Physics of Solids, No 5, 1957, pp 95-114.

RLSI 3135

Sci - M/II
Jan 64

246,382

Rehabilitation of the Spine in the Swimming Pool,
by M. P. Deslous-Paoli, 9 pp.
FRENCH, per, J Med Lyon, Vol 44, 1963, pp 927-932.
Dept of Navy/NMS 1472

Sci/BGM
Sept 70

Immunogenicity in Monkeys of a Combined Toxoid
from the Main Toxic Principles Separated from Habu
Snake Venom, by Kisashi KONDO, 6 pp.
JAPANESE, per, Journal of Medical Science & Biology,
Vol 28, No 6, 1970, pp 413-418, Dec 1970.
Enclosure to IR 2 253 0170 71, 9 June 1971

July 71

a

JOURNAL OF THE METAL FINISHING SOCIETY OF JAPAN:
SEE KINZOKU HYOMEN GIJUTSU

ORDER FROM NTC

SHIMOSE, T. and others. Coating of sheet steel with
metal powder. 1. On titanium coating.
J. Metal Finish Soc. Japan 17(8):310-15 (1966)
(CRL/T. 4155x)

Biological Characteristics of Strains of Influenza
Virus Adapted to 29 Degrees C and 41 Degrees C, by
A. Boudrenault, et al.
FRENCH, per, Canad J Microbiol, Vol 14, No 8, 1968,
pp 867-874.

HEW NIH
3-9-69

Sci/BGM
Feb 69

383,091

R-4213-D
25 June 1964

Data on the Characteristics of Pseudotuberculosis
Cultures, by L. A. Timofeyeva.

RUSSIAN, per, J. Microb. Epid. & Immunob.,
No 11, 1963, pp 46-51.

*JPRS/Army Biol Lab-
T-208-5

/Sci - Jun

R-4213-D
25 June 1964

On the Production of Hydrogen Sulfide by Intestinal Bacilli in Growing Different Media,
by A. A. Shemyakina.
RUSSIAN, per, J. Microb. Epid. & Immunob.,
No 11, 1963, pp 74-76.

*JPRS Army Biol Lab-
T-208-6

Sci - Biol
Jun 64

Cytopathogenic Effect of Influenza B Myxovirus
(Lee Strain) on Culture Cells, by Andre Barzaloff,
Theo Stussli, et al.

FRENCH, par, J. Microscopie, No 1, 1962, pp 351-362.

NIH 6-28-63

Sci - Biol./Med Sci

Aug 63

343,538

REC-1 (LA-tr-71-25) 3 POLYVINYL CHLORIDE IMPRESSIONS
FOR INDIRECT CARBON REPLICAS IN ELECTRONIC MICROSCOPY.
6 Faberge, Alexander C. 10 Translated from 13 J. Microscop.; 6:
157-68(1967). 20 11p. 24 Dep. NTIS.

25

26 biomed; methods and equipment; translations 27 06, 14

28 MN-48 29 P NSA

Military-Technology Bulletins, (AF 669658).

GERMAN, per, Journal of Military Technology,
War Industry and War Economy, Vol LI, No 4,
1954, pp 161-168, Darmstadt, West Germany.

ATIC-F-TS-8752/V

WBur - Germany
Military

Mar 56 CTS/DEX
31,939

The Incorporation of 5-Nitouracil, 5-Aminouracil
and 2-Thiothymine in Bacterial Deoxyribonucleic
Acid, by A. Wecker, S. Kirschfeld, D. Hartmann,
7 pp.

GERMAN, per, J. Mol. Biol., Vol II, 1960, pp 69-71.

WH 3-7-61

Sci - Med
Apr 61

150,583

The Incorporation of 5-Bromocytosine and 5-Bromouracil
in Bacterial Deoxyribonucleic Acid, by A. Wacker,
S. Kirschfeld, D. Weinblum, 6 pp.

GERMAN, per, J. Mol. Biol, Vol II, 1960, pp 72-74.

MIR 3-5-61

Sci - Med
May 61.

150,581

ON THE IRRADIATION-SENSITIZING EFFECT OF 5-BROMOURACIL, BY ADOLF WACKER, HANSWERNER DELLWEG, 3 PP.

GERMAN, PER, & J MOL BIOL, NO 3, 1961, PP 787-789.

NIH 6-40-62

SCI - PHYS

AUG 62

208,778

PHOTOCHEMICAL REACTIONS OF URACIL AND URINDINE,
BY ADOLF WACKER, DIETER WEINBLUM, 3 PP.

GERMAN, PER, J MOL BIOL, VOL 111, 1961, PP 790-793.

NIH 6-41-62

SCI - CHEM

AUG 62

208,779

Regulator Mechanisms in the Biosynthesis of the
Enzymes of Galactose Metabolism in Escherichia Coli
K12. Part II. Genetic Determination of the
Regulation, by G. Buttin,
Journal of Molecular Biology, Vol 7, 1963, pp 183-205.
NTC-71-10571-06A

Nov 71

Bio Lab T-516-1

R-8399-D

21 June 67

Identification par Complementation in vitro et Purification d'un Segment Peptidique de la B-Galactosidase d'Escherichia coli

By: Ullman

From: J. Mol. Biol., 1965 12: 918-923

(6 pp)

French - est for wds:

Please translate and type 1 camera ready copy. Document can be cut. Please make cover as sample attached.

Electron Microscopic Study of the RNA of the
Aviary Myeloblastosis Virus, by N. Granboulan.

FRENCH, per, J Molec Biol, Vol 16, 1966,

pp 571-575.

HEW NIH

6-4-69

Sci-B&M

Sept 69

390,120

JOURNAL OF MOLECULAR BIOLOGY
1967 V28 P71-86 70-10359-06A (*)

ORDER FROM NTC

Research on the DNA of K Rat Virus (Parvovirus
Ratti), by P. May.
GERMAN, per, Journal of Molecular Biology, Vol 27,
1967, pp 603-614.
HTC-71-10197-06A

Nov 71

Naiyaneer, Plakbul
Seyllard lobsters and their Phyllosoma larvae in the ¹⁹⁶³
Gulf of Thailand
Journal of Natl. Res. Council, 4 (1/2/3/4). In Thai.
Transl. by CSTRI, 1972, as Transl. No. 10931, 8p., typescript.
Avail. on loan - IMNS, Wash., D. C.

Original Article Checked *MR*

Deposit of Uranium Dioxide on Aluminum by
Electrolysis, by Lydie Koch, 3 pp.

GERMAN, per, ²J. Nuclear Energy, Vol II, 1955,
pp 110, 111.

AEC Tr 2701

Sci - Nuclear Physics
Jan 57 CTS

42, 204

Dynamics of Reactor Poisoning by Xenon, by
C. P. Caillet, J. Carpentier, 19 pp.

FRENCH, per, J Nuclear Energy, Vol III, 1956,
pp 49-53.

AEC Tr 2831

Sci - Nuclear Physics

45,109

Mar 57/CES

New Detector of Neutrons From Fissions in Gas
Stream, by L. Koch, 6 pp.

FRENCH, per, J Nuclear Energy, Vol V, 1956,
pp 357-361.

AEC Tr 3290

Sci - Nuc Phys

Sep 58

75, 770

The Microscopic Diffusion of Neutrons; a Method of
Approximation, by J. Yven.

FRENCH, per, J of Nuclear Energy, Vol IV, 1957,
pp 305-318.

✓
AEC TR 5768

Sci - Phys
Apr 62

New Method of Determination of the Thermal Utilization
Factor of a Cell, by A. Amouyal, P. Benoist, et al,
30 pp.
FRENCH, per, Journal of Nuclear Energy, Vol VI, 1957,
pp 79-98. 9225764
AEC-Tr-6505

Sci-E Nucl Sci
Dec 64

270,064

Buckling Measurements by the Successive
Substitution Method, by P. Bacher,
R. Naudet.
FRENCH, per, Jnl. Nuclear Energy, Vol 13A,
1961, pp 112-127.
NLL Ref: 9022.09 (4603)

Sci-Nucl Sci
Jan 69

373,582

Measurements of Bucklings by the Progressive
Replacement Method, by P. Bacher. 37 pp.

FRENCH, per, J. Nucl Energy, Part A and B,
Vol 18, 1961, pp 112-127.

ABC-ANL-Trans-787

Sci-Phys
Sep 70

Motion of a Particle and Equilibrium
of a Plasma in Cylindrical Geometry,

By P. H. Rebut.

FRANCE, 1961, J. Nucl Energy Pt. C,

Vol III, 1961, pp 22-30.

NASA TT B-10,429

U. S. GOVERNMENT USE ONLY

Sci-Nuclear Sci

Jan 67

317,868

On the Breakaway Swelling in Nuclear Fuels,
by T. Quehe and F. Pham, et al,
FRENCH, per, Journal of Nuclear Energy, Pt.
A and B, Vol XVII, 1963, pp 15-24.
AEC WAPD-tr-37

Sci-Nucl Sci
Nov 66

313,901

Spectrometry of Fast Neutrons by Means of
the Reaction ${}^6\text{Li}(n,t){}^4\text{He}$, by G. Gierts.
FRENCH, per, Journal Nuclear Energy,
Pt. AB, No 17, 1963, pp 121-124. 9227156
AEC SC-T-64-2013

Sci/Nuclear Sci
May 65

300,491

Stable Plasma in an Inverse Pinch-Type Discharge,
by P. H. Rebut, A. Torossian.
FRENCH, per, Journal of Nuclear Energy, Vol V,
1963, pp 133-144.
•NASA IT F-9260

Sci-115

Feb 65

U.S. GOVERNMENT ONLY

Transmission of a Plasma Jet Through a Magnetic
Barrier, by P. Lecoustey,
EUROPEAN, per, Journal of Nuclear Energy, Series C,
Vol 6, No 1, 1964, pp 81-84.
NTC-71-16258-20I

Reference F-10, 850

Jan 72

Study of the Corrosion of Monocrystals of High Purity
Aluminum (99.99%) by Water at Elevated Temperature, by
P. Lelong, J. Herenguel, 24 pp.

FRENCH, par, J Nuclear Materials, Vol I, 1959,
pp 58-72.

AEC tr-3876

Sci - Nuc Phys
Feb 60

107198

analysis of Oxygen in Sodium. The Mercury Method:
Its Use in the Case of Very Small Quantities, by
R. Chespain, R. Barran, et al., 1959

FRENCH, par. Journal of Nuclear Materials, Vol 1,
1959, pp 117-119

9212447

HTS-005842

Sci - Incl. Incl.

344,463

Fig. 6

Study of the Self-Diffusion of Uranium in the γ
Phase, by Y. Adda, A. Kirianenko, 14 pp.

RUSSIAN, per, γ Journal of Nuclear Materials,
Vol II, 1959, pp 120-126. 9077346

AEC Tr-4558

Sci - Nuc Phys
Jun 61

157,726

Evaluation of the Volume of a Point of Fission in
Uranium, by Y. Quere, F. Nakache, 8 pp.
FRENCH, per, Journal of Nuclear Materials, Vol I,
1959, pp 203-209. 9223479
AEC-Tr-6460

Sci-En Mat & Met
Oct 64

267,339

Oxidation in Air of Two Refractory Alloys (Metal
D and Metal Alloy X) at 900 and 1100°C, by
J. Sankler, E. Dominget, 20 pp.

FRENCH, per Journal of Nuclear Materials,
Vol III, 1969, pp 213-225. 9091778

ABC-Tr-5235

Ed. - Chem
Sep 69

211,069

Sintering of Uranium Oxide in Hydrogen at 1350°C, by
A. Bel, H. Delmas, ³/₅ Francois.

FRENCH, Rev. J of Nuclear Materials, 1959, pp 259-270

9084548

AND 100-5083

Sci. - Nat. Phys
Jul. 62

204, 756

Growth of Alpha-Uranium as the Result of
Correlative Collisions, by Ulrich Gonser, 10 pp.

FRENCH, par, J Nuclear Materials, Vol II, 1960,
pp 43-50.

AEC Tr-4522

Sci - Nuc Phys
Jul 61

157,441

Study of the Self-Diffusion of U in the
Beta Phase, by Y. Adda, 2 pp.
FRENCH, per, J. Nuclear Materials, 3,
1959, pp. 300-301.
*NBS TT 70-57596

Sci/chem
Jul70

Neutron Study of the Crystalline Texture of
Uranium Beams, by J. Lunnesso, P. Meriel, et al.

549

RESEARCH, *Journal Nuclear Materials*, Vol. IX,
1960, pp 62-74. 920764

AEC-Tr-5779

Sci. Eng. Sci.
6 Jun 63

231,864

Determination of the Thermoelectric Power of Uranium
and Plutonium, by P. Costa, 12 pp.

FRENCH, per, J Nuclear Materials, Vol II, 1960,
pp 75-80.

AEC Tr-4364

Sci - Nuc Phys
Jul 61

157,440

Influence of the Crystal Dimensions on the Oxidation
Kinetics of UO₂, by B. Balboch, C. Piekarski, P.
Perio, 10 pp.

FRENCH, per, J Nuclear Materials, Vol III, No 1,
1961, pp 60-65. 9081350

AEC HW-1r-26
OTS 61-20005
170, 216

Sci - Nuc Phys
Oct 61

Micrographic Observations of a Mg-0.6%wt.Zr
Alloy Heated in Hydrogen, by P. Lelong.
EUROPEAN, per, Journal of Nuclear Materials,
Vol 3, Feb 1961, pp 222-234.
EE Trans 504

Jan 72

Study of Irradiation Disorder of the U_2Mo Phase,
by J. Bloch, J. Doulat, J. Blin, 6 pp.

FRENCH, par, Journal of Nuclear Materials,
Vol III, 1961, pp 327-330.

AEC-tr-5325

Sci

Jan 63

list 74

218,841

Electron Microscope Study of Porosities, Grain
Inclusions and Dislocations in Hot-Pressed Polyethylene
Carbon, by Anne Blason, Jeani Trisby.

PERMITS, part of Nuclear Materials, Vol IV, Jul 1961,
pp 133-142.

AEC T-5028

Sci - Chem
May 62

198,532

Gebhardt, E., Segezzi, H. -D., and Durrschnabel, W.
STUDY OF THE ZIRCONIUM-OXYGEN SYSTEM.
PT. I. THE ELECTRICAL RESISTANCE OF OXYGEN-BEARING ZIRCONIUM. [1963] 15p.
Order from ATS \$16.40 ATS-00Q72G

Trans. of [Journal of] Nucl[ear] Mater[ials] (Netherlands) 1961, v. 4, no. 3, p. 241-254.

DESCRIPTORS: *Zirconium compounds, Oxygen, Resistance (Electrical), Reactor materials.

(Nuclear Physics--Nuclear Engineering, TI, v. 10, no. 12)

63-22946

- I. Gebhardt, E.
- II. Segezzi, H. -D.
- III. Durrschnabel, W.
- IV. ATS-00Q72G
- V. Associated Technical Services, Inc., East Orange, N. J.

*AEC-Tr-6413
(9223510)*

Office of Technical Services

Investigations of the Zirconium - Oxygen System. II.
Investigations of the Kinetics of the Reaction Between
Zirconium and Oxygen, and of the Constitution of the
Zirconium - Oxygen System, by Erich Gebhardt,
Hans-Kleiter Seghezzi, Wolfgang Duerksenabel, 20 pp.

Ergebnisse
Gebhardt, par, J Nuclear Materials, Vol IV, Aug-Sep
1961, pp 255-268.

ABC Tr-5060

197,817

Jcl - Nuc Phys
Jun 62
List 60

III. The Recrystallization Behavior of Zirconium
 Wires, by Erich Gebhardt, H. D. Seghezzi, et al, 4 pp.
 French
~~by~~ ~~French~~ ~~man~~, per, Journal of Nuclear Materials, Vol IV,
 No 3, 1961, pp 269-271. 922355/

6
 AEC-Tr-6416

Sci - Mat & Met

Sep 63

Determination of the Glide Elements of Hexagonal Metals
Using the Asterism in Laue Photographs and Application
to a Study of Beryllium Deformation at High Temperature,
by P. Bastien, P. Pointu, 14 pp.

FRENCH, per, Journal of Nuclear Materials, Vol. V,
No 1, 1962, pp 101-108. 9089573

AEC Tr-5138

207,502

Sci. - Phys
Aug 62

Study of the Self-Diffusion of U. in the
Alpha-Phase, by Y. Adda, 5 pp.
FRENCH, per, J. Nuclear Materials, 6,
1962, pp. 130-134.
*NBS TT 70-57613

Sci/chem
Jul 70

Lowering of the Self-Diffusion Coefficients of U in the Gamma-Phase by Additions of Mo, Zr, or Nb, by Y. Adda, 2pp
FRENCH, Per, J. Nuclear Materials, 6,
1962, pp. 135-136.
*NBS TT 70-57612

Sci/chem
Jul 70

Types of Deformation of Beryllium at High Temperature
and Recrystallization After Twinning, by P. Bastien, P.
Pointu.

FRENCH, per, J Nuclear Materials, 49: Vol V, No 1,
1962, pp 153-155. 9093498

ASC Tr-5104

Sci - Chem
Jul 62

204,712

Experimental Study of the Recrystallization
of Belgian Uranium, by H. Maasoux, 10 pp.

TRKHCII, per, Journal of Nuclear Materials,
Vol. V, No 3, 1962, pp 297-300. -909974

8066849

AEC Tr-5301

Sci - Phys
Oct 62

212,674

Study of the Porous Structure of Nuclear Graphites
by Means of Mercury Porosimetry, by M. Roguet, 17 pp.

Published, Journal of Nuclear Materials, Vol. VI,
No. 1, 1962, pp 96-106. 9209156

AEC-REP-TR-992

LA 72 65-23

Sci. & Tech. Sci.

Jul 63

935,670

Nature of the Transformation of
Uranium Near Equilibrium, by G. Donze,
6 pp.
FRANCO, per, Journal of Nuclear
Materials, Vol V, No 1, 1962,
pp 150-152. 9231978
ABC ML1-1302-

Sci-N. Sci
Feb 66

296,082

Effect of Neutron Irradiation on Uranium-Earth
Alloys with Low Iron Content, MS by J. Bloch,
16 pp

Source: Journal Nuclear Materials, Vol VI,
No 6, 1962, pp 243-248. 9206079.

ABSTRACT OF 48

Sci. Tech. Div.

9206079

May 62

JOURNAL OF NUCLEAR MATERIALS

1962 V6 P339-341

66-13562 <>

1963 V10 P301-320

70-22083 <>

ORDER FROM NTC

Dislocation Reaction in a Uranium, by J. Letourbe,
3 pp.

PREMIER, 1962, Journal Nuclear Materials, Vol VI,
1962, pp 328-331. 9206085.

ARC 47 5122

Ser. Ital. Sci.

May 68

230,911

Study by Electron Microscope of Uranium
Containing Krypton, by J. Letourneux, G. Beebe,
4 pp.

REFERENCE: *Journal Nuclear Materials*, VOL VI,
1968, pp 342-345. 220055.

ARC ID: 5717

Sci - Metall. Encl.

May 68

250,912

A New Nuclear Material: Sintered Magnesium Oxide,
by M. Salessu, R. Caillat, et al, *4 pp*

FRENCH, per, Journal of Nuclear Materials, Vol VIII,
No 1, 1963, pp 39-40. 92/6870

~~*SHEILA Harwell 44-1169~~

AEC-HP-1070

Sci - Mat & Met

AEC ORNL-TM-1119
AEC-HP-1070

Aug 63

OT 4532

Preparation, Fabrication and Metallurgical Properties of
Composite Materials of the Mg/MgO Type, by
J. Herenguel, 10 pp.
FRENCH, per, Journal of Nuclear Materials, Vol VIII,
No 1, 1963, pp 49-59. 9220582
AERE-Harwell-Tr-976

Sci-Mat & Met
Apr 64

254,668

Contribution To the Study of the Escape of Fission Gases
From Irradiated Sintered Uranium Oxide, by J. L. Berry,
R. Darras, et al, 27 pp.
FRENCH, per, Journal of Nuclear Materials, Vol VIII, 1963,
pp 102-115.

AEC-Tr-6242

Sci - Chem
Feb 64

2250, 542

Plastic Deformation and Rupture of Uranium Single Crystals
in Tension At -196 degreesC, by A. Lamogne, P. Lacombe,
8 pp.
RUSSIAN, per, J. Nucl. Mater., Vol VII, 1963, pp 116-125.

AEC-Tr-6184

Sci - M/M
Feb 64

250, 535

Collection of Helium in Sintered Com-
pacts of Beryllium Oxide Irradiated
with Neutrons, by M. Salese, R. Gaillot,
et al., 6 pp.
FRENCH, per, Journal of Nuclear Materials,
Vol VIII, 1963, pp 260-270.
AEC-11-6451

Sci-11/16
Apr 65

277,006