

On the Texture of an Iron Scale, Part VII. The  
Nature of Texture in the Intermediate Temperature  
Range, by V. I. Arkharov, Z. P. Kichigina.

RUSSIAN, per, Fiz Metallov i Metallovedenie, Vol.  
III, No 2, 1956, pp 269-277.

Navy Tr 1624/NRL Stock 644

Sci - Phys  
Feb 58

58,587  
0251-1-277

Determination of Hydraulic Loss Coefficients  
in Throttle Resistances in Hydraulic Systems, by  
F. N. Kichin, 6 p.

RUSSIAN, per, Avtomat i Telemekh, Vol. XVIII, No 1,  
1957, pp 81-86.

Instru Soc of Amer

Sci

Feb 60

108,749

Some Methods of Stabilization and Control of  
Low Flow Rates of Operating Liquid in Hydraulic  
Automatic Systems, by I. N. Kichin, 14 p.

RUSSIAN, par, Avtomat i Telemekh, Vol XVIII,  
No 8, 1957, pp 702-715.

Instru Sec of Amer

Sci

Feb 60

108,683

Use of Dye Method in ~~Ray~~ Detection of Surface  
Cracks, by N. Kichin, V. Gorskov, 3 pp.

RUSSIAN, no per, Vest Vos Flota, No 3, 1955,  
pp 58-60, Encl to IR-460-55, AFOIN-1A1.  
CIA D 287961

AF 682114

27,706

USSR  
Scientific - Aeronautics, materials, magnetic  
and luminescent methods  
OTS73/Encl Oct 55

Improved Method of Flaw Detection by Coloring,  
by S. I. Kalashnikov, N. P. Michin.

RUSSIAN, per, Zavod Lab, Vol XXIII, 1957, pp  
806-808.

Henry Bratcher 4419  
\$2.85

Sci - Chem, Engr

84,310

Apr 59

Dynamics of Visco-Elastic Bodies and the  
Weissenberg Effect, by Kichiro Takao,  
Fujie Takao, 2 pp.

JAPANESE, par, Teion Kagaku, Vol XXVI, No 6,  
1956, pp 313.

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,249

<p>Kichka, V. Ye. INSTRUMENTS FOR RECORDING INFRARED RAYS (Pribory dlya Registratsii Infrakrasnykh Luchey). 10 Oct 60 [14]p. (12 figs. omitted). MCL-101/1. Order from LC or SLA ml\$2.40, ph\$3.30 61-19370</p> <p>Rough draft trans. of mono. Infrakrasnyye Luchi v Voyennom Dele (Infrared Rays in Warfare) Moscow, 1958, chap. 7, p. 59-73. <i>5092384</i></p> <p>Information is reviewed on optical blocking; optical telephony; and heat detectors with thermoelements, bolometers, and photovaristors.</p> <p>(Physics--Optics, TT, v. 5, no. 10)</p>	<p>61-19370</p> <ol style="list-style-type: none"><li>I. Infrared waves--Recording devices</li><li>I. Kichka, V. Ye.</li><li>II. Title: Infrared ...</li><li>III. MCL-101/1</li><li>IV. Technical Information Center, Wright-Patterson AFB, Ohio</li></ol> <p>Office of Technical Services</p>
--	--

Infrared Rays in Warfare, by V. E. Kachka, 13 pp.

RUSSIAN, bk, Infrakrasnye Luchi v Voyennoi Dale,  
1958, pp 59-73. *CIF 9659999*

ATTC MEL-101/III

USSR  
MI  
Dec 60  
Telecom 40936

*134,560*



Oxidation in a Thin Layer of Naphthenic  
and Aromatic Hydrocarbons Extracted From  
Lubricants, by G. I. Kichkin,

RUSSIAN, per, Nefty Khoz, No 7, 1955,  
pp 71-74

Co-op Tr scheme No 173

Sci - Chemistry

30,890

The Effect of Natural Sulfur Compounds on  
the Oxidation Process of Lubricating Oils,  
by G. I. Kichkin, A. S. Velikovskiy,

RUSSIAN, no par, Neft Khos, No 12, 1954,  
pp 60-63.

~~XXXXXXXXXXXX~~  
Sci Tech and Comm Tr  
2135 Spruce St, Philadelphia 3

Scientific - Fuels  
Jan 56 CTS/dex

30, 211

Effect of Additives on the Antwear Properties  
of Fuels, by G. I. Kichkin, I. V. Kostikov, 22 pp.  
RUSSIAN, per. Elena I. Tikhonova, Izvestiya Akad. Nauk, No 6,  
1962, pp 66-68. 909271  
FTD-FT-64-937

Sci - Fuels & Prop  
Mar 65

G.I. Kichkin

276,932

How Senior Blast Furnace Operators N. I. Abramov  
and V. S. Kornienko Carry Out Their Duties, by  
V. D. Kichko, 3 pp.

RUSSIAN, per, Metallurg, No 1, 1958, pp 13, 14.

Consultants Bureau

Sci - Min/Mat

Dec 58

77,432

31  
Twenty-Second Anniversary of North  
Korean Socialist Labor Youth League,  
by O Ki-ch'on, 16 pp.  
KOREAN, newspaper, Rodong Ch'ongnyon,  
P'yongyang, 14 Jan 68, pp. 2-3.  
JPRS 44,503

FE (N. Korea)  
Political  
Feb 68

351,771

(YED 2453a)

Tularaemia Cases in Warsaw, by H. Kleinke,  
J. Kozłowski, & A. Łuczyszyn,

POLISH, as per, Przegląd Epidemiologiczny, Vol VII,  
No 1, Warsaw, 1956, pp 37-41.

9  
CIA / TR 448

War - Poland  
[unclear] Sci

A-5253

Groundwater Flow Into Rivers and Lakes It Is  
So He Determined, by T. Kicinski,  
POLSKA, Ser. Gospodarka wodna, Vol XX, No 10,  
1960, pp 439-441.  
CRS:1 TR 63-11363

T. KICINSKI

Sci-ent sci  
LDC 60

316,624

Base Flow in the Warta Drainage Area, by T. Ki-  
cinski,  
POLSKA, Geopdarka wodna, Vol IX, No 5,  
1960, pp 414-416.  
GPEFI TT 03-11365

*T. KICINSKI*

Sci-Tech, Indust, Civil & marine Eng  
Sec 04                                      IX 316,618



Contributions to the Knowledge of the Mechanics  
of Soft Bodies, by F. Kick, F. Polak, 8 pp.

GERMAN, docu, Dingler's Polyt Journal, Vol CCXXXIV,  
No 4, pp 257-261.

A.E.R.E. Harwell Lib Tr 739

Sci - Engineering  
Mar 57 CTS/dex

44, 321

A Study of the Fabrication of BeO-UO<sub>2</sub> by Means of  
Vacuum Hot Pressing, by Katsuzo Kida, Susumu  
Michigami, Ryuzo Ueda, 16 pp.

JAPANESE, per: Nippon Genshiryoku Gakkai Shi,  
Vol III, No 3, 1961, pp 200-207. 9095570

AEC NP Tr.-804

*ALL*

Sci - Chem  
Mar 62

*186, 476*

On the Vacuum Hot Pressing of High Grade  
Beryllia, by Katsuzo Kida, Mitsunobu Abe,  
Susumi Hishigaki, Seichi Imura, 21 pp.

JAPANESE, per, J Atomic Energy Soc Japan,  
Vol I, 1959, pp 259-271.

ABC Tr-4065

Sci -  
10 Nov 60  
List 45

131, 420

A Device for Studying Isothermic Conversions by the  
Electric Resistance Method, by I. N. Kidia, A. W.  
Panov, M. A. Shtremel', 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 8, 1960,  
pp 1009-1011.

IBA

Sci

Jun 61

156,296

Kinetics of Isothermal Austenite Transformation  
in Plain Carbon Steel Being Induction Heated, by  
I. N. Kikin, Yu. A. Babin.

RUSSIAN, per, Metali Obra Metallov, Jul 1958,  
p 10.

Henry Bratcher  
#4.25

Sci - Engineering, Minerals/Metals  
Jan 59

79,937

The Influence of Rate of Heating on the Fine  
Structure of Nickel Iron, by I .N. Kidin, 6 pp.  
UNCLASSIFIED

RUSSIAN, per, Nauchnyye Doklady Vyshey Shkoly,  
Metallurgiya, No 4, 1958, pp 225-228.

ACBI H-7955  
ID 2156395

Sci - Min/met  
Jan 61

139,061

Conditions de trempage par induction et de revenu  
de l'acier rapide P 18 au tungstène-chrome-  
vanadium-molybdène, by I. N. Kislin.

RUSSIAN to FRENCH, per, Iz Vysokikh Ucheb Zaved,  
Gorn Metal, No 2, 1960, pp 112-117.

CDS I.T.3/62

Sci

Nov 61

Induction Hardening of Metal-Powder Compacts  
[Especially Iron Powders], by I. N. Kidin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,  
No 11, 1960, pp 113-120.

EB 5094

Sci

*170, 132*

Sep 61



Peculiarities in the Decomposition of Aus-  
tenite under High-Frequency Tempering and  
Subsequent Annealing, by I. N. Kidin, 14  
pp. *a*

RUSSIAN, per, Fiz Met i Metall, Vol III, No  
3, 1956, pp 530-536.

*Mod. to R. Kidin*      SLA R-2358  
Sci *Book by B. ...*  
Aug 58 *Titanda ... 72, 5-68*

Transfer of Carbon Into Solid Solution During  
Induction Heating of Chromium Steels, by I. F.  
Kudin.

RUSSIAN, per, Proizvodstvo i Obrabotka Stali  
i Splavov', Sbornik No 98, Metallurgizdat,  
Moscow, 1958, pp 403-419.

EB 4634

Sci - Min/Met

Feb 60

108,506

Tempering Characteristics After Induction Hardening, by I. N. Kidin, E. V. Astaf'yeva, A. N. Marshalkin.

RUSSIAN, per, Metal i Obra Metallov, No 9, 1958, pp 2-12.

Henry Bratcher 4348  
\$9.50

Sci - Min/Met

Apr 59

84,262

Influence of Induction Heating on the  
Austenitic Grain of Carbon Steels, by I. H.  
Kudin. URCL

<sup>1</sup>  
RUSSIAN, per, Metallov Obrn Metallov, Jan 1956,  
pp 40-41.

British Iron and  
Steel Ind 1100

Sci - Min/Met  
Feb 59

79,999

**The Mechanism of the RE Formation of Austenite  
During Fast Heating, by I. N. Kida, 4 pp.**

**Full tr**

**RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,  
No 6, 1956, p 1019.**

**Consultants Bureau**

*41,514*

**Sci - Chemistry  
Doc 56 02B**

S-122/61

(Uy-6027).

Ribonucleoprotein Metabolism of Chromosomes and  
Formation of the Nucleolus, by I. I. Kidnadze, 2 pp.

RUSSIAN, bk, I Konferentsiya po Voprosam Tsito- i  
Gistokhimii. Doklady, Dekabrya 1960 goda, 1960,  
pp 12-13.

\*JPRS 9186

Sci - Med

9 Mar 61

The Solubility of Substances in Molten Salts.  
Report I: The Solubility of Magnesia and Lime in  
Molten Cryolite, by Yasunasa H. Hayakawa,  
Hidehiko Kido, 7 pp.

JAPANESE, per, Journal Electrochem.Soc.Japan, Vol XIX,  
1951, pp 374-376.

S.I.A. No 331/1956

Scientific - Chemistry

34,314

Properties of Zinc-0. 6%, Copper-0.  
10% Titanium Rod Wire, by T. Kido.  
JAPANESE, per Nihon Kinzoku Gakkaishi  
Vol. 28, No. 2, 1964, pp 86-90  
CS 72

*T. Kido*

Sci -  
Aug 67

337-483



The Fusibility, Density, Index of Refraction, Viscosity  
and Surface Tension of the Binary Systems Monochloro-  
acetic Acid,  $\gamma$ -Dioxane and Trichloroacetic Acid-  
Dioxane, by S.F. Kidryashov, 5 pp.

RUSSIAN, per, *Zhurn Obshch Khim*,  
*VOLNOKILLI*, No 6, 1963, pp 1718-1721.

CB

SCI

May 64

2  
359,386

Exact Solutions of Equations of Gas Dynamics, by I.  
A. Kiebel, 12 pp.

RUSSIAN, per, Prikladnaya Mat i Mekh, Vol XI, 1947.

S.L.A. Tr R-549

Sci - ~~Chemistry~~ *Mathematic* 48,756  
May 57

Process for Preparation of Polymerization Products  
Out of Olefinic Compounds, by Dr Eugen Muller, Dipl-  
Chem Wolfgang Kiedaisch, Dr. Hans-Martin Weitz, 4 pp.

GERMAN, Patent 1,026,960, Badische Anilin and Soda  
Fabrik.

CIA/VEB IX-568  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem  
Jan 59  
USIS INTERNAL USE ONLY

78,551

Present Economic and Technical Position in the Field  
of Titanium, by Kiefer, Benesovsky.

GERMAN, per, Berg- u Huttenmannische Monatsch, Vol CI,  
1956, pp 292-300.

*British Documents*  
~~Reference No. 560~~  
( 2.15.0)

EE - GERMANY  
Econ  
Sci - Chem  
Nov 57

55, 851



A New Large Capacity Continuous Counter for  
Improved Determination of Gross Radioactivity  
in Water According to the Vapor Method, by Hans  
Kiefer, Rupprecht Maushart, 10 pp.

POLISH, per, Woklecznik, Vol I, 1958, pp 103-106.

AEC/EN Tr 2

Sci - Electron

J<sup>th</sup> 59

88,893

Measurement of Quantum Radiation in the Energy  
Range From 3-30kev By Means of Large-Area Proportional  
Counting Tubes, by H. Fessler, H. Klefer, R. Maushart,  
15 pp.

GERMAN, per, *Atompraxis*, Vol VII, No 11, 1961,  
pp 401-407. 9099889

AEC Tr-5041

Sci - Phys  
May 62

196,780

Natural Radioactivity in Water, by H. Kiefer,  
R. Maushart, 11 pp.

GERMAN, per, Nukleonik, Vol I, No 1, 1958,  
pp 22-28. 9076873

ACSIL 1164

Sci - Nuc Phys

155,844

Jun 61



Measurement of Low  $\alpha$  - and  $\beta$  -Activities in Water,  
by A. Dannacker, H. Kiefer, R. Maushart, 28 pp.

POLISH, per, Nukleonik, Vol I, 1959, pp 319-324.

AEC UCRL-Trans-548(L)

Sci - Nuc Phys  
9 Jan 61  
List 46

135,538

Methods in the Planning and Construction of Drainage  
Systems, by Adolf Hoeb, Wolfgang Kiefer.

GERMAN, per, Der Stadtetze, Sep 1959, pp 465-467.  
(Call No FIF 353865)

AMS

EFur - Germany  
Econ  
Mar 61

142,289

S-1046/64

On New Tantalum-Niobium Impregnated or  
Powder Alloys and Compound Materials With  
Graphite, by R. Kieffer, H. Nowotny, 1964  
~~(SECRET)~~

GERMAN, rpt, pp 1-29.

*JFR*  
\*JFR/SPECIAL/DC-10857

Sci - M/M  
Oct 64

Protective Coating of Metals With High  
Melting Point, by R. Kieffer, E. Nachtigall,  
19 pp.

FRENCH, per, *Métaux* (Corrosion-Industries),  
Vol XXVII, 1952, [pp 323-324] pp 312-317.

SLA 60-18094

Sci  
May 62

*196,874*

Vol 4, No 10

Kieffer, R. and Benesovsky, F.  
THE CURRENT STATE OF DEVELOPMENT IN  
MANUFACTURE OF HIGH MELTING POINT METALS.  
I. [1961] 19p. (refs. 8 figs. omitted)  
Order from SLA \$1.60

61-16171

Trans. of Metallwissenschaft und Technik [sic] 1959,  
v. 13, no. 5, p. 379-385.

DESCRIPTORS: \*Transition elements. \*Molybdenum.  
\*Tungsten. Melting. Production. Sintering. \*Powder  
metallurgy. \*Heat resistant alloys. Mechanical  
properties

(Metallurgy--Structural, TT, v. 6, no. 3)

61-16171

I. Kieffer, R.  
II. Benesovsky, F.

Office of Technical Services

74  
Impregnated Niobium-Tantalum Alloys, by  
R. Kieffer, St. Händisch, H. Nowotny.  
GERMAN, per, Metall, und Technik, Vol 17, No 7,  
Jul 1963, pp 669-677. 8231035  
NSTIC tr 1649

*R. Kieffer*

Sci/HQM  
Jul 66

306,207

The Production of Hard Metals by the Impregnation  
Process, by R. Kieffer, F. Kolbl. UECL

GERMAN, per, Berg- Huetten Monatsh, Vol XCV,  
Part III, 1950, pp 49-58.

vi

British Iron and Steel Ind  
(no number given)

Sci - Min/Mst  
Sep 59  
ESur - East Germany  
Econ

98, 253

The Suitability of Zirconium and Thorium  
Carbide for Sintered Hard Metal Alloys, by R.  
Kieffer. UNCL

GERMAN, per, Metall, Vol IV, No 7-8, 1950,  
pp 132-136.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mat  
Sep 59

98, 251



The Sealing Conditions and Mechanism of Oxidation  
of Heat- and Scale-Resistant Hard Alloys, With  
Special Reference to Titanium-Carbide Base  
Material, by R. Kieffer, F. Kolb. URCL.

GERMAN, per, Z Anorg Chem, Vol ~~CCCLXXII~~ CCLXXII, Part  
I and V, 1950.

British Iron and Steel Ind  
(no number given)

Sci - Min/Met  
Sep 59

98, 252

Heat and Scale Resistant Sintered Materials,  
by R. Kjaffer, F. Benešovsky. UGCI.

GERMAN, per, Z Metallkunde, Vol XLII, No 4, 1951,  
pp 97-106.

British Iron and Steel Ind  
(no number given)

Sci-Hin/Mat  
Sep 59

98, 250

**Hard Materials and Hard Alloys, by R. Kieffer,  
P. Scharskopf. USOL**

**GERMAN, bk, Hartmetalle, publ by Springer Verlag,  
Vienna, 1953, pp 504-507.**

**SLA 58-2364**

**Sci - Min/Met  
Apr 59**

*84,994*

Investigation of Silicide Systems, by  
H. Nowitzky, R. Machenschalk, R. Kieffer,  
P. Benisek, 5 pp.

GERMAN, per, Monatsch Chem, Vol LXXXIV, 1954,  
pp 241-244.

SIA Tr 2103

Sci - Chemistry  
Sep 57

53,013

A Contribution Concerning the Structure of  
High Melting Point Hafnium Phases: HfC-Hf  
Hf<sub>2</sub>Si<sub>3</sub> (C), by H. Hofotny, E. Laube, R. Kieffer,  
F. Benesovsky, 6 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIX, No 6,  
1958, pp 701-707.

AEC Tr 3806

Sci - Chem

Oct 59

98,754

New Types of Tantalum, Niobium, Liquid  
or Sintered Alloys and Composite  
Material With Graphite, by R. Kieffer  
et al.

GENUIN, PPG, Plasma Proc., 1964,  
pp 448-510.

NASA TT F-10,152

*R. Kieffer*

U. S. GOVERNMENT USE ONLY

Sci-M/M

Jul 66

306,531

The Present Economic and Technical Position in the  
Field of Titanium, by R. Kieffer, F. Zvonovskiy,

1967  
Moscow, U.S.S.R., ~~\_\_\_\_\_~~  
Vol 28, 1967, No 12, pp 191-200  
SIA 77-2-2294

*R. Kieffer*

Sci - Meta  
July 67

330,909

Uranium Alloys Produced Powder-Metallurgically  
According to the Impregnation Method, by H.  
Kieffer, E. Sedlatschek, 22 pp.

GERMAN, per, *Flussberichte fuer Pulvermetallurgie*,  
Vol 7, No 3, 1957, pp 104-120.

SIA 59-10780

Sci  
Nov 59  
Vol 2, No 3

*101, 518*



On the Double Carbides in the Systems: U-Cr-C,  
U-Mo-C and U-W-C, by H. Kwotny, R. Kieffer,  
F. Benesovsky, E. Laube, 9 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIX, No 6,  
1958, pp 692-700.

AEC Tr 3807

Sci - Chem

Oct 59

98,755

*100* (SCL-T-710330) SINTERED REFRACTORY TUNG-  
STEN ALLOYS. <sup>4</sup>Kieffer, R.; Sedlatschek, K.; Braun, H. <sup>10</sup>Trans-  
lated for Sandia Labs., Livermore, Calif., from <sup>18</sup>Z. Metallk.; 50:  
18-24 (1959). <sup>20</sup>19p. <sup>24</sup>Dep. NTIS.

<sup>28</sup>metallurgy; refractories; translations <sup>31</sup>11F, 11B

<sup>28</sup>MN-25 <sup>28</sup>P NSA

Metal Carbides (Part I of "Recent Research Results  
in the Field of High-Melting Hard Materials"), by  
R. Kieffer, F. Benesovsky.

GERMAN, par, Metall, Vol VI, No 7-8, 1952,  
pp 171-174, 176. CIA D 407937

Butcher Trans No 3108

Scientific - Minerals/Metals

Sep 53 CTS

\$3.25 price

4848

Hafnium-Carbide-Containing Hard Metals, by R.  
Kieffer, F. Benesovsky, K. Messmer.

GERMAN, Per, Metallwissenschaft und Technik,  
Vol XLIII, No 10, 1959, pp 919-922.

HB 4722

Sci - Min/Met

Jan 60

*106, 202*

<p>Kieffer, Richard and Hotop, Werner. THE PRESENT POSITION OF POWDER METAL- LURGY. [1961] 19p. 45 refs. Order from SLA \$1.60</p> <p>61-18486</p> <p>Trans. of Stahl und Eisen (Germany) 1940, v. 60, 13 June, p. 517-527.</p> <p>DESCRIPTORS: *Powder metallurgy, Germany.</p> <p>(Unannounced)</p>	<p>61-18486</p> <p>I. Kieffer, R. II. Hotop, W.</p> <p><i>Completed No 957</i></p> <p><i>A 4616</i></p> <p>Office of Technical Services</p>
---	---

Nitrides (Part II of "Recent Research Results in the Field of High-Melting Hard Materials"), by R. Kieffer, F. Banskovsky.

BEHMAN, Par, Metall, Vol VI, No 7-8, 1952, pp 174-176.

CIA D 407936

Inrucher Trans No 3109

Scientific - Minerals/Metals

Sep 53 CTS

\$1.50

4849

KIEFFER, R.  
HOTOP, W.

KOLLOID ZEITSCHRIFT, vol 104, No 2-3, 1943

Comparative Properties of Sintered vs. Cast Metals and Alloys.

*Handwritten:*  
Dartmouth  
Smithsonian Institution  
Wash. D.C.

Brutcher #1611, \$2.50

*Handwritten:*  
A4817

The Monocarbides TiC-HfC and ZrC-HfC Form  
Continuous Solid Solutions, by H. Nowotny, R.  
Kleffer, F. Benesovsky, C. Brakl, 4 pp.

FRENCH, rpt, From the 1st Chemical Inst of the  
Univ of Vienna and the Metallurgische Plansee AG.,  
Reutte, Tirol, 1959.

CIA/TDD XX-958  
NOFORN

Sci - Physics  
Feb 61

146033



Kieffer, R. and Benesovsky, F.  
TUNGSTEN, ITS METALLURGICAL PROPERTIES AND  
USE. 30 Mar 49, 9p. (figs. tables refs. omitted).  
Order from SLA \$1.10      62-18398

Trans. of E[lektrotechnik] und M[aschinenbau] (Austria)  
1958 [v. 75, no. 1/2] p. 17-24.

DESCRIPTORS: \*Tungsten, Sintering, Powder alloys,  
Powder metallurgy, Metallography.

(Metallurgy--Nonferrous Metals, TT, v. 9, no. 5)

62-18398

I. Kieffer, R.  
II. Benesovsky, F.

C227897

Office of Technical Services



**Borides (Part III of "Recent Research Results in the Field of High-Melting Hard Materials"), by E. R. Kieffer, P. Benesovsky**

**GERMAN, per, Metall, Vol VI, No 7-8, 1952, pp 243-246.**

**Brutcher Tr 3110**

**Scientific - Minerals/Metals  
CRS/DEX**

**Price \$3.50**

*City of Mexico  
National Library  
Mexico  
5934*

Silicides (Part IV of 'Recent Research Results in the Field of High-Melting Hard Materials'), by R. Kieffer, F. Benezovsky.

~~English~~ **GERMAN**, per, Metall, Vol VI, No 7-8, 1952, pp 246-250.

Butcher Tr 3111

Scientific - Minerals/Metals

Price \$2.75

Nov 53 CIS

7268

~~SMITH, R.~~  
~~SMITH, R.~~  
~~SMITH, U.~~

**Constitution of Carbide System TiO-TaO-WO.**

**BERG- UND HUTTENMANNISCHE MONATSSCHRIFT, vol 96,  
1951, No 1, pp 6-8; 2200 words.**

A 5254

**Brutcher No 268h, § 7, 90**

Protective Coatings for High-Melting Metals,  
by R. Kieffer, E. Nachtigall, 20 pp.

FRENCH, per, Metaux, Vol XXVII, 1952, pp 312-  
317.

*Doc 5-17-75*  
AEC Tr 2838

Sci - Minerals/Metals

*45,028*

Mar 57/CTS

Concerning a New Process for the Production of  
Metal Borides of the Transition Metals in  
Particular Titanium and Zirconium Boride, by  
R. Kieffer, F. Benesovsky, E. R. Honak, 11 pp.

GERMAN, per Z Anorg u Chem, Vol CCLXVIII, No 3,  
1952, pp 191-200.

SLA 57-704

Sci - Minerals/Metals  
Oct 57

54,056

The Scaling Behavior and Oxidation Mechanism  
of Heat- and Scale-Resistant Hard Alloys, in  
Particular of those with a Titanium-Carbide  
Base, by R. Vieffer, F. Kolbl, 16 pp.

GERMAN, per, Z. Anorg Chem, Vol CCLXXXI, 1950,  
pp 229-247.

Assoc Tech Serv 611120

Sci  
Aug 58

70,874



KIEFFER, R.

Suitability of Zirconium Carbide and Thorium Carbide  
as Additions to Cemented Carbides.

METALL, vol 4, 1950, Nos 7-8, pp 132-6; 4600 words.

Brutcher No 2695, § 8-80

A-5255

Contribution to the System Molybdenum-Silicon,  
by H. Klöpper, E. Göttsche

CHRON, Zeitschrift für Metallkunde, Vol 48, 1958,  
No 4, pp 101-105.

DEUTSCHE  
Deutscher Orden No 2989  
Preis (DMK) 4.50

Scientific - Metallurgy

1389

Sintered Manganese Steels, by F. Benesovsky,  
R. Kleffer.

GERMAN, Berg- und Huttenmännische Monatshefte, Vol XCV,  
No 8, 1950, pp 145-150.

Butcher Trans No 2974

Scientific - Metallurgy, manganese, pearlitic,  
austenitic

AL78

On Carbide Systems Containing Hafnium Carbide,  
by E. Rudy, H. Nowotny, F. Hrusovsky, R.  
Kieffer, A. Beckel, 10 pp.

GERMAN, per, Monatshefte fuer Chemie,  
Vol XCI, 1960, pp 176-187.

ARC T-4943

Sci - Chem  
May 61

150,346

Table of Contents; On Surface Protection of High-Melting-Point-Metals, by R. Kieffer, E. Nachtigall, 8 pp. UNCLASSIFIED

GERMAN, book, Technical Articles Summarized for the Occasion of the 100th Anniversary of the Firm Platinschmelze, Hapau, West Germany, Austria, Apr 1951, pp 186-205. (Encl to ATI-2420-52, Hq USAFE, ATI Br, 3 No. 1952).

AF 467130

Scientific - Metallurgy, high-melting-point-metals

CIA No 1004619 Jan 52 CTS/DEX

ANS 56

The Binary Systems: UC With TiC, ZrC, VC, NbC,  
TaC, Cr<sub>3</sub>C<sub>2</sub>, Mo<sub>2</sub>C and WC, by H. Nowotny, H. Kleffer,  
F. Benešovsky, E. Lambe, 9 p p.

GERMAN, per, Monats Chem, Vol LXXXVIII, 1957, pp  
336-343.

ABC AERE 14b 791

Sci - Chem

Dec 58

78,243

On Vacuum Arc Melting and Experience With a New  
Equipment. (From "Data of High Vacuum Technology  
and the Physics of Thin Layers"), by Kieffer, Wirth.  
**UNCLASSIFIED**

GERMAN, per, Wissenschaftlicher Verlag, Stuttgart,  
1957, pp 178-183.

Co-op Tr Scheme  
Tr 895

Sci-Min/Net  
Jun 58

64,685

Hydrogen Determinations in Benson and Drum  
Boilers, by H. Kiekenberg, 11 p.

GERMAN, per, Ver Grosskesselbesitzer Mitt,  
1953, No 25, pp 533-538.

ATS-562310

HTS. 575-95

Sci  
Dec 59  
Vol 2, No 6

104,033



Behavior of Brass Condenser Tubes, by H. Kiekenberg,

GERMAN, per, Mit V.G.B., No 29, July 1954, pp 169-171.

ASLIB-GB125

Sci  
Apr 59

84,958

Strength of Cylindrical Shells. Stiffened by  
Frames and Bulkheads, Under Uniform External Pressure  
on all Sides, by K von Sanden, Kiel and K. Gunther.  
Danzig, 86 pp. UNCLASSIFIED

Full translation.

GERMAN, Waffen-Technik, Vol 1 (1920), p. 5, 9, and  
10 and Vol 2 (1921), p. 27.

NAVY Tr 560/DTMB 38

*S. G. Gump*  
WEur - Germany  
Military

Apr 52: CTS      A 1447

Hydraulic Properties of Glasses, by F. Kiel, F.W.  
Locher.

GERMAN, per, Zement-Kalk-Gips, Vol.11, No. 6, 1958,  
pp 245-253  
GB/21/10856

F. KIEL

Sci -  
July 1967

334-447

A Method of Forecasting the Inflow of Flood  
WAVE to Water Reservoirs, by Maria Boczek,  
Andrzej Kielen, 5 pp.

POLISH, per, Gazeta Obserwatora Piima,  
No 10, 1958, pp 12-15. 9206537

PL-480  
OTS 61-31294

Sci - Earth Sci & Astron  
Jun 63

234,508

New Discoveries on the Neptilian-~~Neptilian~~ 71  
Doderlino, by Z. Kielan-Jaworowska.  
POLISH, per, Kosmos, Ser A, Vol XII, no 2,  
1964, pp 137-149.  
Dept of Navy 4525/APL/JHU 7-1663

*Kielan-Jaworowska, Z.*

Sci - B/R  
Mar 66

297,792

Hemorrhagic Hetero-Allergy, or the Shwartzman Phenomenon. Immunobiologic Test for the Detection of the Phenomenon. Its Significance for Pathology, by T. Kielanowski, 21 pp.

POLISH, per, Polska Gazeta Lekarska, Vol XIV, No 17, 28 Apr 1935, pp 309-312.

NIN Tr 101

Sci - Biology, Medicine

30,340

2417

AGRICULTURAL GOODS PROCUREMENT FOR FIRST  
SIX MONTHS OF 1962, BY JULIAN KIELICHOWSKI,  
5 PP.

POLISH, PER, NOWE ROLNICTWO, NO 18, 15 SEP  
11962, PP 44-45.

JPRS 17152

EEUR - POLAND  
ECON .  
JAN 63

219,681





(NY-5430)

RAPE CULTIVATION BY J. KIELKIEWICZ, 4 PP.

POLISH, PER, NOWE ROLNICTWO, VOL X, NO 11, 1 JUN  
1961, PP 30-31.

JPRS 12,76

EEUR - POLAND  
ECON.  
MAR 62

185, 012

Norges Bank Official Views on the Discount Rate,  
by Gabriel Kielland, 21 pp.

NORWEGIAN, np, Dagbladet, 31 Aug, 2 Sep 1957,  
Encl to State Desp No 193, *AMEMBASSY, Oslo.*

Dept of State  
Tr 4146433

NoEur - Norway

*54, 414*

Econ - Banking

Preparation du  $\text{BeCl}_2$  anhydre a partir du  $\text{BeO}$  et  
par l'intermediaire du  $\text{Be}_2\text{C}$ , by J. Kjelland,  
L. Fromstadt, 8 pp.

SWEDISH to FRENCH, per, <sup>Kyl</sup> ~~Sci~~ Norske Vidensk Selsk  
Forhandl., Vol IX, N 1935, pp 147-150.

Reverse Translation  
CEA-A-1080

Sci  
Feb 64

Blast Furnace Slag as a Commercial Product, by  
P. Kielaki.

POLISH, per, Hutnik, No 6, 1951, pp 225-227.

BISI 1733

Sci - Engr

Dec 60

133, 725