

Isolation of the Prosthetic Group of d-Amino Acid
Oxidase, by Otto Warburg, Walter Christian, 37 pp.

OKTUBER, per, Biochemische Zeitschrift, Vol CCXCVIII,
No 3/4, 1938, pp 150-168.

SLA 10473

Sci
Jan 60
Vol III, No 5

119, 096

GRUBITSCH, H.
WABICHLE, P.

ARCHIV EISENUTTENWESEN, vol 16, 1942

Detection of phosphorus segregations by prints on cello-
phane.

Brutcher Trans 1464, \$3.75

Concerning the Origin of Cancer Cells by O. K. ...
pp.

GERMAN, p. 1, ... 1905,
pp. 1-10.

RIGHT TO ...

Scientific Medicine, ... 30.795

Metabolism of the Body Cells Under Physiological
Conditions, by O. Warburg, K. Gawehn, A. W. Geiseler,
9 pp. UNCLASSIFIED

GERMAN, per, Z. Naturforsch, Vol XII-b, 1957,
pp 115-116.

WHL 2 9

Sci - med

60,277

Mar 58

The Partial Anaerobiosis of Cancer Cells and the
Effects of Roentgen Irradiation on Cancer Cells, by
O. Warburg, et al, 15 pp.

GERMAN, per, Die Naturwissenschaften, Vol XXVI,
1939, pp 25-27.

NIH 11-21

Sci - Medicine
Dic 59

102,636

Metabolism of Embryonic Cells and Cancer Cells, by
O. Warburg, K. Gawehn, A. W. Geissler, 22 pp.
UNCLASSIFIED

GERMAN, per. 2 fuer Naturforschung, Vol XI-b, No 11.
Nov 1956. pp 657-662.

NIH 2-8

Sci - Med

Mar 58

60,276

Higher Geodesy, Mathematics, by Edward Warchalowski.

POLISH, bk, Geodezja wyzsa, Czesz Matematyczna, Warsaw,
1952, 448 pp.

(Check Paul Feinstein, Program Dir
for Foreign Science Information,
NSF, per memo 13 Feb 1959).

possibly PL 480.143

Robert Goddard, by Edward Warchalowski,
POLISH, 1st, Goddard Wynne, 1965.
015 TT-61-11311

61
72

W. Warchalowski

Sci - 1st
Jan 60

394, 128

Geometric Levelling by Edward Warshalowski

POLISH, bk, Nivelaaja Geometria, Warsaw, 1954,
418 pp.

* PL 480

(DC-2600)

COAL FOR THE "TUROW" POWER PLANT, BY
TADEUSZ WARCZAK, 4 PP.

POLISH, PER, PRZEGLAD TECHNICZNY, NO 29,
22 JUL 1962, P 1, 3.

JPRS 14848

EEUR - POLAND
ECON.
AUG 62

208,996

(FDD 29513)

Indonesian Study of Forestry and Industrial Development, by Engr M. K. Sudarno, R. W. Email, L. G. Klaus, Wardi, 116 pp.

INDONESIAN, biao per, Rimba Indonesia, No 1/2, Bogor, Jan/Feb 1956.

CIA/FDD Tr 620

FE - Indonesia
Econ - Forestry, industry

43,410

(NY-6430)

THE CONTRIBUTION OF THE PHARMACEUTICAL
INDUSTRY TO AGRICULTURE, BY E. WARDZINSKI,
3 PP.

POLISH, PER, HOWE ROLNICTWO, VOL X, NO 15,
1961.

JPRS 12422

EUR - POLAND
ECON
FEB 62

153,140

Infrared Radiation, by Wiesław Wardzynski,
13 pp.

POLISH, per, Problemy, No 7, 1962,
pp 432-492.

JPRS 15180

Sci - Phys
A-63

2/2, 457

Water Service Set-Up in the Helsinki Area,
by M. Ware, 11 pp.

FINNISH, per, Teknillinen Aikakauslehti,
No 52/53, 1962, pp 67-71. (Call No. T4
.T267)

Army Map Service

Webur - Finland

Room

Sci - Engr

14 Sept 62

211, 119

Digital Computer Technology and Design.
Mathematical Topics, Principles of Operation,
and Programming, by W. A. Ware.

UNKNOWN. 1963.

Wiley

301
NOV 63

17

**Sat - Mon & Wed Sat
Jan 65**

271, 272

Wargha, W. W. and Karapetjan, G. O.
ABSORPTION SPECTRA AND LUMINESCENCE OF
Ce-CONTAINING GLASSES. 13p. (11 figs. omitted)
22 refs.

Order from SLA \$1.60

62-14243

Trans. of Glastechnische Berichte (West Germany)
1959, v. 32, no. 11, p. 443-450.

DESCRIPTORS: *Glass, *Luminescence, Spectrographic
analysis, *Phosphorescent materials, *Cerium, Phos-
phates, Silicates, Borates, Crystals, *Absorption
spectra.

The influence of glass composition, melting conditions
and Ce-concentration on the absorption spectra, fluores-
cence and phosphorescence of Ce-glasses was studied.
Specially pure raw materials were used in the batch.
The absorption was measured on test pieces 0.1-0.5 mm
(Materials: Ceramica, TT, v. 9, no. 4) (over)

62-14243

I. Wargha, W. W.
II. Karapetjan, G. O.

C227645

Office of Technical Services

Method for Rolling of Metal, by J. A. Warhauer,
2 pp.

DUTCH, Patent No 1332.

Dept of Comm
Pat Office
Sci Lib

192,058

Sci - Engr

Apr 62

The Decay Scheme of ^{95}Ru , by Peter Riehs,
Hans Warhanek, 13 pp.
GERMAN, ~~Ger.~~ Nuclear Physics. Vol XLIV, 1963,
pp 164-172.
AEC-ORNL-Tr-38

Sci-Nucl Sci
Jun 64

260,929

Articles on the Practice of Collective
Bargaining in Finland, by Maikki Waris,
Arvo Sipila, V. Kanerva, 10 pp, UNCLASSIFIED

KINEX *NP* with
FINNISH, per, Kansanterveys, 2 Feb 1955;
Jan 1955; Eclis 1,2,3,4, to State Desp No 397,
Helsinki, 8 March 1955, CIA D-186101.

Dept of State

EEur - Finland
Economic -

22,975

Apr 55 CTS

Deculphurizing Reaction in Present-day Processes
of Production of Steel and Pig Iron, by C. Betten-
dorf, N. Wark.

GERMAN, per, Stahl und Eisen, Vol LIX 1932.

Butcher Tr No 130

Scientific - Min/Metals

\$1.65

14,022

On the Problem of Basic Open-Hearth Slags, by A.
Klaus, N. Wark

GERMAN, per, Archiv Eisenhüttenwesen, Vol V, No 12,
1931 - 1932, pp 603-606.

Brutcher Tr 149

11, 410

Scientific - Minerals/Metals

OTS/DEX

Price \$2.25

The Shrinkage and Swelling of Wood, by P.
Marlinson, 7 pp

GETMAN, per, Mashchinenbau, Vol X, No 2, 1931,
pp 47-50.

SLA 59-20495

Sc1

Jun 60

118, 336

... to Luminescence and Electrical Conductiv-
... Crystals Caused by Irradiation With Alpha
... by I. Broser, R. Warminsky.

Translation.

... paper, Zeitschrift fuer Naturforschung,
... Part 2, 1951, pp 85-102.

AEC Tr 1417 7

... - Germany

Scientific - Physics, luminescence, conductivity

Nov 92 CTS/DEX

A 1069

On the Electrical Conductivity of Cadmium
Sulphide Crystals, Which is Connected with
Phosphorescence, by Immanuel Broser,
Ruth Warwinsky, 19 p.

GERMAN, per, Zeit fur Phys 1952, Vol CXXXIII,
No 3, pp 340-361.

SLA 59-17920

Sci

Feb 60

Vol 2, No 10

108924

The Counting of Beta and Gamma Rays by Internal
Photoelectric Effects in Phosphorus Crystals,
by Rudolf Frerichs, Ruth Wurmshalsky, 3 pp.

GERMAN, per, Die Naturwissenschaften, Vol XXXIII,
1946, p 251.

S.L.I. T- 723/1956

Sci - Chemistry

Oct 56 CTS

39, 386

Warmus, M.
TABLES OF ELEMENTARY FUNCTIONS. Mathematical Tables Series, v. 14. [1961] 565p.
Order from PP \$15.00

Trans. of unidentified Polish mono., Warsaw, n.d.

DESCRIPTORS: *Functions, Tabl s.

(Mathematics, TT, v. 7, no. 3)

62-12251

I. Warmus, M.
II. Title: Mathematical...
III. Pergamon Press, Inc.,
New York

7511

Office of Technical Services

The Ballistic Demagnetisation Factor of
Cylindrical Bars, by K. Warmuth, ~~1939~~ 19 pp.

GERMAN, per, Archiv fur Elektrotechnik, Vol XXXII,
1939, pp 747-763.

28,626 CIA/RDD/z-180

Scientific - Electronics

Nov 55 CT6/DEX

Determination of the Ballistic Demagnetization
Factor by Means of the Magnetic Potentiometer for
Bars of Square - Section, by K. Warmuth, 28 pp.

GERMAN, per, Archiv fur Elektrotechnik, Vol XXX,
No 12, 1936, pp 761-779.

28,627

CIA/PDD/z 181

SLA 60-18977

Scientific - Electronics

Nov 55 CTS/DEX

Advantages of Installing Twin Collecting Mains
in Coke-Oven Batteries, by J. Nadziakiewicz,
J. Jarmuchinski, W. Hofman, 35 pp.

PCBUSH, per, Prace Glownego Instytutu
Gornictwa, No 123, 1962, pp 1-14. 90 047.

OT3 60-21503
PI-400

301 - 1401
Jan 63

219,245

Some Applications of Semi-Coke Breeder, by
W. Lewandowski, J. Warwasinski, 18 pp.

POLISH, per, Prace Glownego Instytutu Gornictwa.
No 110, 1962, pp 1-12. 9095090

OTS 60-21292
PL-480

Jol - Engr.

Jan 62

178,672

Polish Research on Increasing Density of Coal
Charge, by Janusz Wasmuński, 11 pp.
POLISH, per, Koks-Spala-Gaz, No 4, July-Aug
1964, pp 134-139.
JPRS 29019

1964-Poland

1964

1964

276,600

Effect of Hydrochloric Acid on the Yield
and Certain Properties of Brown Coal
Bitumens, by Janusz Waruszinski, 9 pp.

POLISH, par, Prace Głównego Instytutu
Gornictwa, No 116, 1952, ~~PL~~ pp 1-9. 9097172

OTS 60-21369
PL-480

Sci - Chem
Apr 62

189,351

A New Device for the Prevention of Regenerative
Coupling, by W. Rahn, H. Harnisch, 36 pp.

GERMAN, per, Elekt Nachr Tech, Vol V, No 12, 1958,
pp 522-529.

SLA 58-181

Sci

Aug 59

94,050

Enrichment of Isotopic Molecules in the D. C.
Cathode Discharge. IV. The Isotopic Effect.
Determination of the Atomic Concentration in Hydrogen
and Deuterium Discharges, by H. D. Bachay, P.
Harnack, 14 pp.

OSWALD, J. W., / Astrophys. J., Vol. 61, 1955, pp. 63-67.

ASC 12-739

Sci. - Phys.

Dec 11

78,299

Bacteriostatic (inhibitory) Action of Honey,
by B. Warnecke, H. Duisberg,

GERMAN, per, Zeit fur Lebensmittel-Untersuchung und
-Forschung, Vol CVII, No 4, pp 340-344. 1958,

C.S.I.R.O. 4529

Sci

May 60

115,600

Stelstein Tunnel By-Pass for the Electrification¹²⁶
of the Rubelandsbahn Railroad, by G. Wannecke,
GERMAN, per, Deutsche Eisenbahntechnik, Vol XII,
No 10, 1964, pp 465-467.
DIA L: 251-67

Sel-
Jul 67

331,762

On the Temperature Curve in the Stratosphere
of Both Polar Regions, by G. Kirmcke, 19 pp
GEMMEL, for, Polarforschung, Vol 5, No 17, 1961,
pp 1-13, 132
P500 55667
Dept of Army ONI cr 153

1718
Oct 77

341737

On a Few Typical Models of Velocity-Modulated
Tubes, by R. Wurno, 102 pp.

FRENCH, per, Annales de Radioelectricite, Y
Vol III, No 12, 1948, pp 71-106.

SLA 60-14339

Sci
Feb 62
Vol III, No 11

182,799

Microwave Electronics; Traveling Wave Magnetron
 Amplifier Tube, by R. Wenzel, W. Klein, A. Lents,
 O. Dohler, H. Huber; KU-Watt Traveling Wave
 Tube, by S. E. Webb; An American Metal
Ceramic Tube, by R. H. Khamis; Transistor
and Field Effect, by Oliver Stueckert; The Physics
and Technology of the Transistor, by E. H.
 Hagermann, 28 pp. UNCLASSIFIED

GERMAN, excerpts and abstracts from Das Elektron
 Vol IV, No 10/11, Oct/Nov 1950, pp 393 - 401.

Sci - Electronics

AND P-62-7378

4 1959
 CIA 627026

On Slow Wave Structures in the Form of Comb-Shaped or Interdigital Circuits and on their Equivalent Diagram, by H. Wambeck, O. Dohler, P. Quesard, 4 pp.

FRENCH, per, Compt. Rend, Acad. Sci., Vol CCXXI, Nov 1950, pp 1220, 1221.

S.L.A. Tr No 57-26

Sci - Physics
Apr 57

46, 911

Investigation and Development of a Mass Spectrometer
of the Cmgatron Type. Its use for the Detection
of Leaks and the Analysis of Gases at Low Pressures,
by R. J. Warnecke, 59 pp.

FRENCH, per, Annales de Radioelectricite, Vol XIV,
1959; Vol XV, No 60, 1960. (9202880).

A.C.S.I.L. Tr 1321

Sci - Phys
Apr 63

226,528

Speech at a Meeting of Leading Representatives
of the Berlin Labor Union Academy, by Garmke.

CHINA, ap, Tribune, 27 Apr 1950.

FBI

On the Eve of the 5th Congress of the Free German
Trade Union, by Warkke.

POLISH, np, Olos Pracy, 26 Oct 1959.

FBID Daily Review

AM - Germany

Pol

Nov 59

97,645

(DC-6477)

Speech by Herbert Wehner, 4 pp.

GERMAN, Neues Deutschland 22 Nov 1961.

JPRS 11957

Unity of Action is Increasingly Gaining Ground, by
Wardlaw.

HUMANISM, at, Moscow, 31 Dec 1977.

FBIS Daily Review

EE - Russian
Pol
Jan 78

"The Tasks of the Labor Unions in the Struggle for
the Victory of Socialism in the GDR and the Safe-
guarding of Peace," by Warke.

Oct. 1969, pp. Tribune Supplement, 27 Oct 1969.

WID Daily Review

EE - Germany

Pol

Nov 59

99,803

Lat. r Unit as Closely Cooperate With FDJ, by
Wamke

CHICAGO, Sp. Tribune, 29 Jan

FRID Daily Review

EE - Germany

SCA

Feb 67

From Victory to Victory, by [unclear].

RECEIVED, [unclear], 7 Oct 1961.

~~SECRET~~
FBI [unclear]

10/1.

101

27 Oct 61

Discussion Speech by Herbert Warnke at Schoeneweck
FDIE Executive Board Meeting.

GERMAN, np, Tribune, 16 Jan 1960.

FBID Daily Review

EE - Germany

Soc Pol

Jan 60

Summary of Speech: "A Broad Movement of Socialist &
Assistance, by Wernke,

GERMAN, 14, Tribune, 20 Sep 1959.

FBI's Daily Review

EE - Germany

FBI

Oct 1959

Telegram to Italian Federation of Labor Unions,
by Murke,

REUTERS, n, Tribune, Apr 4, 1940

FBID Daily Review

Apr 4

(DC-3301)

West German Weekly's View of De-Staliniza-
tion, by Helmut Warnke, 4 pp.

GERMAN, np, Die Andere Zeitung, No 48,
30 Nov 1961, p 2.

JPRS 11832

WP - West Germany
POL
Jan 62

179,166

Speech at a Workers Meeting of the Harnov Ship-
yard in Rostock, by Herbert Wehner.

OSMAN, 29, Tribune, 16 Nov 1959.

FBI Daily Review

EE - Germany

Econ

Nov 59

101,544

Waeckel, R., Guenard, P., and Doshier, O.
BASIC PHENOMENA IN TRAVELING-WAVE TUBES.
[1963] [32]p. (Digs. refs. formulae omitted).
Order from SLA \$1.60

63-14430

Trans. of l'Onde Electrique (France) 1954 [v. 34]
no. 325, p. 323-338.

DESCRIPTORS: "Traveling-wave tubes, *Electron
tubes, Circuits, Amplifiers, Oscillators, Electrical
properties, Mechanical properties.

(Engineering--Electronic, TT, v. 10, no. 7)

63-14430

I. Waeckel, R.
II. Guenard, P.
III. Doshier, O.

1247551

Office of Technical Services

Protection of Iron and Steel from Corrosion by
Arsenic Impregnation ~~XXXX~~ or Arsenic Plating,
by C. Tammann, H. Warrentrup, UNCLASSIFIED

IX GERMAN, Zeitschrift Anorg. Allgem Chemie,
Vol 228, 13 1936, ~~XXXXXX~~ pp 92-96.

Brutcher Order No 1272
Price \$2.60*

4/7/

Scientific - Metallurgy

Radiological Thickness Gauging in Hot Rolling,
by Warrol, Wahlberg. UNCLASSIFIED

SWEDISH, per, Jernkontorets Ann, No 12, 1956,
pp 907-929.

Iron and Steel Inst
Co-op Tr-Beh SV
Tr 930

Sci - Min/Met
Aug 58

68, 233

Comparison of the Advantages and Disadvantages
of Turning and Grinding the Grooves in the Rolls
of Wire Rod Mills, by Palm, Warrol. UNCLASSIFIED

GERMAN, per. Stahl u Eisen, 9 Jan 1958, pp 35-
37, 37-39.

Iron and Steel Inst
Co-op Tr-Sch Sv
Tr 46

Sci - Min/Met
Aug 50

68,843

The Influence of Mill Spring on the Dimensions
of the Rolled Product, by H. Marrai. USCL

SWEDISH, per, Jernkont Ann, Vol CXLI, No 1,
1957, pp 28-35.

British Iron and Steel Inc
(no number given)

Sol - Engr
Sep 58

98, 4, 27

V
Filter Paper Drying Method to Ship Typhoid and
Paratyphoid Blood Bile Cultures to the Laboratory,
by Dr. Oen Koen Nan, R. Warsa, Go Ing Oen, 15 pp.
(ID 2001198)

DUTCH, per, Medjalah Kedokteran Indonesia,
pp 28-39.

ACS, I
0-6000

Scientific - Medicine

31.297
Feb 56 CTS/DEX

Solids Under Pressure, by A. Paul, D. H. Warschauer

London, 1963.

McGraw Hill

001

NOV 63

Differential Characteristics of Hageman and
PTA Factors. Role of Contact in the Initial
Phase of Coagulation, by J. P. Soulier, O.
Vartelle, D. Monache, 10 pp.

FRENCH, per, Revue Franc d'Etudes Clin de M
Biol, Vol III, No 3, 1958, pp 263-267.

NIH 3-43

Sci - Med

Apr 59

85,430

Concerning the Reduction of Silica, by H.
Martenberg.

GERMAN, per, Zeitschrift fur Anorganische Chemie,
Vol LXXIX, 1912, pp 71-76.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 33

Sci - Chem

Jun 59

89, 91

Fusion Diagrams of High-heat Resistant Oxides, by H.
Martenberg, H. Werth, 9 pp.

Full translation.

GERMAN, per, Z. anorg. u. allgemeine Chemie, Vol CXC,
1930, pp 178-184.

S.L.A. - 100-1000

Scientific - Chemistry

Aug 55

27,441



Absorption of Water by Melting Oxides, by
H. V. Wartenberg, 5 pp.

GERMAN, per, Z Anorg und Allgem Chem, Vol CCLXIV,
1951, pp 226-229.

ABU UCRL-Trans-676(1.)

Sci - Chem
Aug 61

165,380

The Kinetics of Oxidation, by
H. V. Hartenbery, 10 pp.
GERMAN, per. Z. Anorg. Chem. 269,
1952, pp. 76-85.
•ADS TT 70-57859

Sci/phys
Jun 70

Alison, by E. von Kertzenberg, 267
Oswald, J.W., 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Bei - Mac Ray and
Mac Chan
July 67

330,748

Chronic Adrenal Insufficiencies, by J. Warter, J.
Schwartz, 16 pp.

Full translation.

GERMAN, per, Schweiz. Med. Wochr., Vol XXCIII, 1953,
pp 971-975.

S.L.A.

Scientific - Medicine

27,443

Aug 55

High Transport Operations Notes With Cable-Driven Engine
and Ship Engines. I - Mechanical Equipment, by
H. von der Muehl, T. Sorenson.
GERMANY, par. Kroll and Kroll, Vol LXXXII, Apr 1963,
pp 217-222.

RME 2306

Sci - M/M
Mar 64

231,400

Mathematical Calculation of Processes in the
Blas Furnace for Planning and Control of
Operation and of Ore Selection with Discussion,
by R. Wirtmann.
GERMAN, por, Stahl u. Eisen, B083, 1963,
pp 8-16/7
GB/41/3536

Reproduction

Sci - 335,052

(DC-5032)

Technical and Economic Factors in the Development of
Sangerhausen Copper Slate Mine, by Juergen
Warthmann, 29 pp.

GERMAN, per, Bergbautechnik, Vol X, No 10, 1960,
pp 524-537.

JPRS 6677

EUR - Germany
Econ
Feb 61

140,367

Wartmann, J. and Duvel, H.
ORGANIC DERIVATIVES OF SILICA GEL WITH
Si-C BONDS, II [1961] 11p. 38 refs.
Order from SI A ml 2. 40, ph \$3.30

61-10917

Trans. of Helvetica Chimica Acta (Switzerland) 1959,
v. 42, p. 1166-1170

Organic derivatives of silica were prepared by treat-
ing silica with triphenyl- and trimethylchlorosilane
or with hexamethyldisilazane. The trimethylsilyl
derivatives are extremely hydrophobic. Butyl deriva-
tives were prepared by treatment of silica chloride
with butyl magnesium bromide or with butyl lithium,
and phenyl derivatives were prepared with benzene in
the presence of aluminum chloride or with phenyl
lithium. Phenyl derivatives of silica prepared with
phenyl lithium were degraded by sodium hydroxide.
The toluene-soluble degradation products were frac-
tionated on an aluminum oxide column. One degrada-
tion product was identified as (CH₃)₃Si-Si-Ph.
(Chemistry--Organic, IT, v. 5, no. 12) (over)

61-10917

1. Silicon compounds
(Organic)--Synthesis
2. Silica gels--Chemical
reactions

- I. Wartmann, J.
- II. Duvel, H.

Office of Technical Services

Development, Design and Calculation of a
Mathematical Model of the Blast Furnace - III
by P. Kortum.
Zur Abh. der Archiv für das Eisenhüttenwesen,
1964, 35, 104., 154-187.
*ab 1967s

1967/68
at
1968

Development and Design of a Mathematical
Model of a Blast Furnace, Including
Calculation Processes - PT. VI.

By A. A. Kozlov.

Chem. Eng. (Chem. List), 1964, 50, (5),
373-376.

*0101 4100

64/ 01 01
11 01

Fundamental Principles on the Digital Presentation
and Processing of Data With Special References to
Computers, by R. Wartmann.

GERMAN, per, Archiv Eisenhüttenwesen, Aug 1959,
pp 513-518.

BISI 1464

Sci - Engr

Aug 60

122,437

Calculation of the Reheating Process of Steel
Ingots and Comparison With the Results as
Measured, by R. Wartmann.

GERMAN, per, Stahl und Eisen, 14 May 1959,
pp 703-711.

BISI 1439

Sci - Min/Met

Aug 60

124,055

New Way of Assessing the Strength of Coke by
Sieve Analysis and Trommel Test, by F. Wesemann,
U. Graf, R. Wartmann.

GERMAN, per, Stahl u Eisen, Vol LXXVI, 1956,
pp 133-144.

DSIR/29177/CT

Sci - Min/met
Oct 57

53, 908

An X-Ray Study of the Effect of Soaping on
Cellulose Dyed With Some Anthraquinone Vat Dyes;
An X-Ray Study of the Polymorphism of Some
Anthraquinone Vat Dyes; An Electron-Microscope
Examination of the Effect of Boiling Water on
some Anthraquinone Vat Dyes, by J. O. Warwicker,
D. G. Drummond. UNCL

UNCL, per, Shirley Inst Mem, Vol XXXII, 1959.

DSIR/36587/CT

Sci - Chem; Phys

99, 180