

Hertzrücken, S. and Feingold, M.
THE CALCULATION OF THE DIFFUSION COEFFICIENT IN MIXTURES OF POWDERED SUBSTANCES.
June 47 [7]p. 8 refs. BISI-308; [DSIR LLU] M. 2770.
Order from OTS or SLA \$1.10 61-23307

Trans. of [Zhurnal Tekhnicheskoi Fiziki] (USSR) 1940,
v. 10, p. 574-577.

DESCRIPTORS: *Nickel, Diffusion, Mathematical
analysis, Copper, *Powders, *Powder metallurgy.

A formula for the calculation of the diffusion coefficient, deriving from the symmetrical disposition of grains in mixtures of powdered substances, is given. The calculation by means of this formula of the diffusion coefficient of nickel in copper in mixtures of powdered substances can be considered to be reliable. (Author)

(Metallurgy. IT, v. 6, no. 7)

61-23307

- I. Hertzrücken, S.
- II. Feingold, M.
- III. BISI-308
- IV. DSIR LLU M. 2770
- V. British Iron and Steel
Industry Translation
Service

Office of Technical Services

Herzan, Werner
ON THE HOROPTER IN OBLIQUE POINTING OF
THE EYE (Über den Horopter bei Schiefer Betrachtung
[1961] [61]p. 16 refs.
Available on loan from SLA

61-14085

Trans. in manuscript of [Albrecht von Graefe's Archiv
für Ophthalmologie] (Germany) 1928/29, v. 121,
p. 756-790.

DESCRIPTORS: *Visual acuity. Tests. *Retina.
Physiology.

(Unannounced)

61-14085

1. Title: Horopters
1. Herzan, W.

Office of Technical Services

Investigations of Phenomena Associated With Electrodeless
Ring Discharge in Hydrogen, by Gerhard Herzberg,
17 pp.

GERMAN, per, Annalen Der Physik, Vol LXXXIV, No 21,
1927, pp 553-577.

CIA/PID X-4685

Sci - Phys

Jul 61

160,662

H. Herzheimer

*On the working of caffeine on the athletic type
performances.*

*GERMAN, Frankfurter medizinische wochenschrift, Vol 69,
1922, pp 1339-1340*

**NASA TT F 14, 561*

COPYRIGHT NOTICE

sept 72

Individual Examinations of the Health Condition of
Older Sportsmen, by H. Herzheimer, W. Brosa, 4 pp.

GERMAN, per, Deutsche Med Wschr, Vol LI, 1925,
pp 893-894.

NIN 12-30

Sci - Med

Feb 59

80,467

Some Results Concerning the Study of the Surface
Condition in the Corrosion of Mild Steel by
Natural Agents and Saline Solutions, by A.
Portevin, R. Herzog, 16 pp.

FRENCH, per, J. I. Lutte Cont. Corrosion, Vol XLI,
No 4, Apr 1939, pp 260-270.

S.L.A. Tr 57-157

Sci - Minerals/Metals
May 57

47, 816

Herz, Edmund von.

PROCESS FOR PRODUCING PRIMING COMPOSITIONS
FOR PERCUSSION CAPS OR THE LIKE, tr. by

J. M. H. 16 Nov 60, 4p.

Order from LC or SLA in \$1.80, ph \$1.80 61-15049

Trans. of German patent 377,269, cl. 78e, gr. 2,
patented from 21 Oct 20, pub. 15 June 23.

(Unannounced)

61-15049

I. Detonators--Ignition

1. Herz, E. von

II. Patent (Germany) 377 269

III. Patent Office, Washington,
D. C.

Office of Technical Services

The Technical Development Tendencies in the
Electrical Communication Field, by Dr. of Eng
E.H.K. Herz, ~~XXXXXXXXXX~~ UNCLASSIFIED

GERMAN, From the Working Society for Research of the
Land of Nordrhein-Westfalen, Issue 13, 1952,
pp 1-20, 18

ATIC-F-T8-8062

Scientific - Electronics

948

948

New Results in the Isotope Separation of Heavy
Gases in the Gas Ultracentrifuge, by G. Hertz,
E. Mann, 14 pp.

GERMAN, per, Z Elektrochem, Vol LVIII, 1954,
pp 612-616.

AEC T-4431

Sci - Chem
Apr 61

149,048

The Sound Radiation Pressure in Liquids, by G. Hertz,
H. Mende

GERMAN, por, Z Physik, Vol CXIV, 1939, pp 354-367.

52.1

Nat'l Res Council Canada TT 187

Scientific - Physics

Jul CTS/DEX

Price 0.25

16,577

On the Mia Haywood Group, by Fishl Hertzberg,
21 pp
HEBREW, p. 1, Za Hadaroth, No 12(47), Dec 1964,
pp 7-17.
JPRS 23460

ME-Israel
Pol
Mar 65

p 40

275,452

(DC-5114)

Some Problems of the National Liberation Movement,
by Gustav Hertzfeldt, Paul Markowski, 20 pp.

GERMAN, per, Einheit, Vol XV, No 10, 1960,
pp 1586-1601.

JPRS 6704

REF EUR - Germany

REF Pol

Feb 61

140,675

Two New Cases of Cystic Pulmonary Sequestrations
With an Abnormal Artery Originating From the
Aorta, by P. Hertzog, L. Toty, C. Personne,
J. Gilbert, 7 pp.

FRENCH, per, Poumon, Vol IX, Jan 1953, pp 77-
88.

NIH

SLA 2113

Scientific - Biology

Dec 54 OTS

20,371

Determination of the Density of Dislocations
Arising During the Deformation of Ni, Ag, Al and
Certain Ag-Alloys, by S. D. Hertzicken, H. N.
Novikov, 30 pp.

RUSSIAN, 1958.

ABC NP-Tr-335

Sci - Min/Met
May 60

117,458

Determination of the Density of Dislocations
Arising During the Deformation of Ni, Ag, Al and
Certain Ag-Alloys, by S. D. Hertzricken, E. E.
Novikov, 29 pp.

UKRAINIAN, per, Ukrainskiy Fiz,Zhur, Vol III, No 6.
1958, pp 802-814. 652386

ATTC MCL-141/V

Sci - Chemistry
Nov 59

102,392

Hertzricken, S. D., Novikov, M. M., and
Kopan, V. S.

THE NATURE OF THE THERMAL e.m.f. ARISING
AS A RESULT OF METAL DEFORMATION (Pro
Prirodu Termo-ye. r. s., Shcho Vinikae v Rezul'tati
Deformuvannya Metalu) tr. by M. Slade. [1960] [12]p.
(foreign text included) 15 refs. Trans. no. 4812.
Order from LC or SLA mi\$2.40, ph\$3.30 61-13955

Trans. of Ukrayins'kyy Fizychnyy Zhurnal (USSR)
1959, v. 4, no. 3, p. 293-298.

When metals are deformed both Thomson's and
Peltier's emf change substantially because of a
change in the electric resistance of the metals as a
result of origination of defects in the crystal lattice
(vacancies, dislocations, dislocated atoms, etc).
Since the thermal emf depends on the emf of
Thomson and of Peltier, the principal cause of origi-
nation of thermal emf in a couple: deformed -
undeformed metal is a change in the electric resist-
(Physics--Thermodynamics, TT, v. 5, no. 6) (over)

61-13955

1. Metals--Deformation
2. Metals--Electrical properties
3. Title: Electromotive force
- I. Hertzricken, S. D.
- II. Novikov, M. M.
- III. Kopan, V. S.
- IV. CSIRO Trans-4812
- V. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

Subclinical Cardiac States in Chronic Tonsillitis,
by L. Herve, D. Fuenzalida. and Brodsky. S. Correa,
12 pp.

SPANISH. Ser. Rev. Med. Chile, Vol LXX. 1942, pp 679-
685.

SIA 57-1655

Sci- Medicine
Mar 58

60,500

(DC-3201/20)

Sino-Soviet Policy, by Pierre Herve, 4 pp.

ITALIAN, per, Corrispondenza Socialista, No 6/7,
Aug/Sep 1960, pp 47-49.

JPRS 6553

WEur - Italy

Pol

137,642

Jan 61

The Behavior of High Polymers Towards Direct
Current, by H. U. Hervig, E. Jenckel, 23 p.

GERMAN, per, Zeit Elektrochem, 1959, Vol LXIII,
No 3, pp 360-373.

ATS-42L330

AT-42L330

Sci
Mar 60
Vol 2, No 11

108,549

~~XXXXXXXXXX~~

Investigations on the Gas Metabolism in Different
Types of Hyperventilation, by E. Herkheimer, R. Kost,
23 pp.

GERMAN, per, Z. Klin Med, No 116, 1931, pp 88-102.

NIE 9-40

Scientific - Medicine
Nov 56 ~~SS~~ CTS

40, 401

8-1-100-1

Hydraulic Bloom and Slab Shears, by A. Hertl.

GERMAN, per, Technische Mitteilungen, Vol LI,
Oct 1958, pp 513-519.

BISI 1764

Sci - Engr

May 61

148,825

Most Important Points in Fire Protection, by
O. Harterich.

GERMAN per, Zeitschrift Forschung und Technik
im Brandschutz, Vol IX no 2, 1960, pp 68-71

ERDL Ft Belvoir
T-1304

ESur - Germany

155,274

Econ

Jun 61

Evolution of Surgical Tuberculosis in Africans in 42
their Country of origin, by A. Carayon, A. Herve,
199 p.

Unpub. or, Med Trop, Vol 16, 1958, p. 8-60.
0071411

A. Herve

10/1/58
100 00

503,089

Detection of Pipe in Hot Blooms or Slabs by Means of
Gamma Radiation, by H. Emert, A. Herwig, et al.

GERMAN, per, Stahl und Eisen, Vol LXXXIII, 1963, No 10,
I pp 594-597.

HB 5961

Mat & Met
Oct 63

345,116

New Triarylboron Compounds and Their
Tetra-Arylo Borate Complexes, ~~Part~~ Part V,
by C. Wittig, W. Harwig.

GERMAN, per, Chemische Berichte, Vol LXXVIII,
No 7, 1955, pp 962-976.

CSIRO

Sci - Chem
Jun 62

199,590

Herz, Albert.
THE EFFECT OF ANTICHOLINERGIC, NICOTINO-
LYTIC AND ANTIHISTAMINE AGENTS ON CEN-
TRALLY SUPPRESSING AND EXCITING MORPHINE
ACTIONS IN RATS. [1962] 27p. 49 refs.
Order from SLA \$2.60 65-16900

Trans. of Naunyn-Schmiedeberg's Arch[iv für]
Experimentelle Path[ologie und] Pharmak[ologie]
(West Germany) 1961, v. 241, p. 236-253.
Another trans. is available from K-H \$33.75 as
K-H 11279-d [1962] 27p.

DESCRIPTORS: Drugs, Inhibition, *Acetylcholine,
*Nicotine, *Vasomotor drugs, Nervous system, Re-
action (Psychology), *Morphine, Antihistamines

Scopolamine and similar substances intensify the sed-
ative stupor-inducing action of morphine in the rat;
(Biological Sciences--Pharmacology, TT, v. 10, no. 7)
(over)

65-16900

I. Herz, A.

1247354

Office of Technical Services

Herz, Albert.

THE EFFECT OF ANTICHOLINERGIC, NICOTINO-
LYGIC AND OTHER DRUGS ON CENTRALLY
SUPPRESSING AND EXCITING MORPHINE ACTION IN
RATS. [1962] 27p.

Order from K-H \$31.75

K-H 11279-d

Trans. of Sabin-Schmiedeberg's Arch[iv für] Exp-
[erimentelle] Path[ologie und] Pharmak[ologie] (West
Germany) 1962, v. 241, p. 236-253.

DESCRIPTORS: *Drugs, Inhibition, *Acetylcholine,
*Nicotine, *Vasomotor drugs, Nervous system, Re-
action (Psychology), *Morphine.

(Biological Sciences--Pharmacology, TT, v. 8, no. 4)

62-17375

- I. Herz, A.
- II. K-H-11279-d
- III. Kresge-Hawker Science
Library Associates,
Detroit, Mich.

62-1953

Office of Technical Services

Secondary Radiation Effects in the Photographic
Action of Alpha Rays, by R. H. HERZ, 11 pp.

GERMAN, per, Strahlentherapie, Vol ~~XXX~~, XCIV,
1954, pp 455-459. 90 66967

AEC HP-Tr-906

Sci - Nuclear Phys

2/2, 668

20 Sep 62

NCH-202 363 (p.276-280)

Field 7A

Hers, A.
THE DRYING OF CERTAIN MATERIALS IN A
FLUIDIZED BED. Apr 65, 5p, 13refs.
Order from ICE in International Chemical Engineering,
v5 n2

Trans. of Revista de Chimie (Romania) v15 n7 p409-11
1964.

I. American Institute of
Chemical Engineers
New York, N. Y.

... for rendering Printing Compositions for
... or the like, by von Schmid
... pp.

GERMAN, Patent No 377,269.

US Dept of Commerce
Patent Office
Sci Lib

Sp1 2 - Eng
10 Jan 61

136,831

and of
Organization and Operations and the East German
State Security Service, by Peter Herz, 53 pp.
FOUO

GERMAN, monograph, Berlin-Lichtenberg, Normannenst
22, Agenten-zentrale SSR, Berlin, May 1960.

CIA/FDD Tr 743

EEur - Germany
Pol - espionage

126,553

The Equilibrium $\text{CaSO}_4 + \text{NaCO}_3 \rightleftharpoons \text{CaCO}_3 + \text{Na}_2\text{SO}_4$,
by W. Herz, 3 pp.

GERMAN, per, Zeit. f. Anorganische Chemie,
Vol LXXI, pp 206-208.

25,148

CIA/TDO/X-1719

Scientific - Chemistry

Jul 55 CTB

The Direct Synthesis of Alcohols from
Glycerol, Carbon Monoxide and Hydrogen
(Hydro-Carbonylation Process). Part 2.
Preparation of Hydroxyalkyl Alcohols
from Cyclohexanol, by A. KUMAR, A. H.
KUMAR, L. KUMAR, 19p.
RESEARCH, pub. Research in Chemistry Vol 9,
No 1/2, 1974, pp 45-53.
SLA 77-01-3002

A. M. Herzog

334, 005

241
Jul 67

Herzau, Werner.
ON THE RELATION OF ENFORCED VERTICAL DI-
VERGENCE AND "ROLLING" DURING FUSION (Über
das Verhältnis von Erzwungener Vertikalkonvergenz und
Rollung bei der Fusion). [1961] [23p] 11 refs
Order from SLA \$2.60

TT-61-14222

Trans. of [Albrecht von Graefe's] Arch[iv] f[ür]
Ophthalmologie [Germany] 1929, v. 122, no. 1,
p. 59-74.

(Biological Sciences--Physiology, TT, v. 12, no. 2)

TT-61-14222

I. Herzau, W.

85230

Office of Technical Services

Herzau, Werner.
ANISEIKONIC RESEARCH IN RETROSPECT AND
PROSPECT (Rückblick und Ausblick auf die Aniseikonia-
Forschung). [1961] 6p.
Order from SLA \$1.10

TT-61-14223

Trans. of Ki[nische] Mikroskopiker [für] Augen-
heilkunde] (Germany) 1938, v. 101, p. 97-99.

(Biological Sciences--Physiology, TT, v. 12, no. 2)

TT-61-14223

1. Herzau, W.

85292

Office of Technical Services

Herzau, Werner.
ANISEIKONIA. [1961] 11p. 22 refs.
Order from SLA \$1.60

61-14221

Trans. of KI[inische] M[onatsblätter] f[ür] A[ugen-
heilkunde] (Germany) 1940, v. 105, July, p. 94-101.

DESCRIPTORS: *Visual perception, Stereoscopic
vision, *Optical images, Analysis.

(Unannounced)

61-14221

1. Herzau, W.

Office of Technical Services

The Water Supply of Some North Sea Resorts, by
A. ~~Harzber~~. 15 pp.

GERMAN, per, Schilling's J. Gasbeleuchtung u
Verwand Beleuchtungsarten Wasserversorgung, Vol
XLIV, 1901, pp 815-819; 842-844.

SLA Tr 2448

Sci -
Sep 57

52,808

Harnberg, Benedikt.

THE PRACTICAL RESULT OF SUPRARENAL EX-
TURPATION IN THE SO-CALLED SPONTANEOUS
GANGRENE, ACCORDING TO THE DATA FROM
110 CASES OF RUSSIAN SURGEONS. [1964] 44p
Order from K-H \$26. 40 K-H-1335-a

Trans. of [Langenbecks Archiv für Klinische Chirurgie,
Vereinigt mit Deutsche Zeitschrift für Chirurgie]
(Germany) 1926, v. 143, p. 125-146.

(Biological Sciences--Surgery, TT. v. 11, no. 11)

TT-64-12873

I. Harnberg, B.
II. K-H-1335-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

1280598

Office of Technical Services

(LC-3801)

Israeli Communist Party: Delegate Party Congress,
by Michael Weinberg, 4 pp.

NY: NY, Pol. Dept, 26 May 1961, p 2.

JPRS 10383

NY: A. J. J. J. J.

Pol.

No. 11

174,428

Hertzberg, G., Monfils, A., and Rosen, B.
MOLECULAR SPECTRA IN THE REMOTE ULTRA-
VIOLET (INTRODUCTORY REPORT). [1962] 27p.
61 refs.

Order from SLA

63-10245

Trans. Académie royale des Sciences de Liège.
Mémoires (Collection) 1961, v. 4, p. 146-178.

DESCRIPTORS: *Molecular spectroscopy,
*Ultraviolet spectroscopy, Theory, Scientific research,
Absorption spectrum, Continuous spectrum,
*Astrophysics.

(Physics--Spectroscopy, TT, v. 10, no. 2)

63-10245

I. Hertzberg, G.
II. Monfils, A.
III. Rosen, B.

Office of Technical Services

The Virus Question, by Hersberg, K.

UNKNOWN, per, Med Klinik, Vol 34, 1938, pp 729.

ASLIB GB 39

Sci

Jun 58

64,980

Further Investigations on Thin Section of the Virus
of Canine-Pox, by K. Herzberg, A. Kleinachmidt, et al.

GERMAN, per, Zbl Bakt i Orig, Vol IX CLAVIX, 1960,
pp 306-324.

HLR 1-29-63

Sci - Biol-Med Sci

May 63

232,038

The d'Hervelle Phenomenon, by E. Gildemeister,
Kurt Herzberg, 18 pp.

GERMAN, per, Centralblatt f Bakteriologie, No 91,
1924, pp 228-235.

NIH

Scientific - Biology
CTS/DEX

11,358

Hornel, Hans-Joachim.

INVESTIGATIONS OF INDIVIDUAL AND FAMILY DIFFERENCES IN SEMEN QUALITY IN BULLS OF A WÜRTTEMBERG SPOTTED CATTLE BREEDING ASSOCIATION (Untersuchungen der individuellen und familiären Unterschiede der Spermaqualität bei Bullen eines Württembergischen Fleckviehzuchtverbandes).

[1963] 32p. 30c

Order from SLA \$3.60

TT-64-10029

Trans. of Zuchtungsbande (West Germany) 1952, v. 23, no. 4, p. 141-150. (Abstract available)

DESCRIPTORS: *Genetics, *Cattle, *Spermatogenesis, Gametes, Environment, Reproduction.

One to 4 ejaculates of 38 Spotted Cattle bulls from three bull lines of Spotted Cattle Breeding Associations of Herrenberg in Württemberg were studied twice in an interval of five months. The semen tests which were (Agriculture--Animal Husbandry, TT, v. 11, no. 9)

(over)

TT-64-10029

1. Title: Semen
2. Title: Individual differences
1. Hornel, H.-J.

Office of Technical Services

The Solid Solubility of Chromium in Aluminum
With Up to 20/o Magnesium, by W. Hofman, R. W.
Herzer, 3 pp.

GERMAN, per, Metallwirtschaft, Vol XIX, 1940,
pp 141-143.

SLA 57-1426

May 58

63,844

Tests for the Radiationproof Metallic Shell
of the BR-2 Reactor, by G. Harzet, G. Martalee,
P. Laval,
Symposium on HighFlux Materials Testing Reactors^{etc}
FRENCH, ap, Brussels, 21-26 Sep 1959, pp 117-125.

ABC TID-7584

Sci - Phys
26 Oct 60

130,685

Studies on the Cholinesterase-Inhibiting Action
of Polymethylene-Bis-(N-Methyloarbinoyl-m-
Trimethylammonium Phenols, by E. Herzfeld,
Ch. Stumpf, 18 pp.

BELGIAN, per, Archives Internationales de
Pharmacodynamie et de Therapie, Vol CVII, No 1,
1956, pp 33-44.

SLA 59-15412

Sci - Chem
Dec 59
Vol 2, No 4

102,830

Herrig, J.

CONTRIBUTION TO KNOWLEDGE OF TRIGENIC
ACID. 24 Dec 60, 10p. 6 refs.
Order from SLA \$1.10

63-14029

Trans. of Monatshefte für Chemie (Austria) 1881,
v. 2, p. 398-409.

DESCRIPTORS: *Urea derivatives, Chemical proper-
ties, Oxidation, Distillation

(Chemistry--Organic, TT, v. 10, no. 4)

63-14029

1. Herrig, J.

Office of Technical Services

(DC-5829)

Use of Remote-Control Equipment in Supplying
Electric Power, by R. Herzig, 11 pp.

GERMAN, per, Automatisierung, Vol IV, No 2,
1961, pp 59-63.

JP88 8630

EBur - Germany

Econ

Aug 61

162,356

Radiation Intensity of the He/Ne Laser as a
Function of Pressure and Mixture Ratio
of Gases, by H. Boersch, G. Herzig,
7 pp.

GERMAN, per, Physics Letters, Vol IV,
No 3, 1963, pp 191-195.

Navy Tr 3691/NRL 955

Sci - Phys
Jan 64

248,541

(FDD 21406)

Reconstruction of the Austrian Chemical Industry, by Alfred Hertz-Leitgeb, 2 12 pp.

GERMAN, par, Europas Chemische Industrie,
No 12, Duesseldorf, Dec 1953, pp 841-844.

CIA/FDD/U-638A

EEur - Austria
Econ - Industry, chemical

18,151

J-482/63

On the Use of the Polarization Microscope in the
Study of Fiber Materials, by Alois Hering, 14 pp.

QUINCY, ed per, Mallard Samilberichte, Vol XXI,
No 3, 1960, 11 pp.

J
43722/EC-8576

Sci - M/M
May 63

230,998

A Deep Drawing Test for Medium and Heavy Sheet,
by E. Herzog. UNCL

FRENCH, per, Rev Met, Vol XLVII, May 1950,
p 399.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,194

The Present State of Our Knowledge on the
Corrosion of Steels by Hydrogen Sulphide, by
E. Herzog.

FRESECH, rpt, Third Metallurgy Symposium on
Corrosion, 1959, Amsterdam, pp 217-239.

BISI 2776

Sci - Chem

Jul 62

20-1, 773

list 138

Effect of the Mold Temperature on the Location of
Pinholes and On Segregation in Low-Carbon Slab
Ingots, A General Discussion, by E. Herzog.

GERMAN, per, Stahl und Eisen, Vol LX, No 15, 1931,
pp 458-460.

Butcher Tr 3106

Scientific - Minerals/Metals

Price \$6.45

Nov 53 CTS

7269

Embrittlement and Fracture of Steels Subjected to
Stresses in Saturated Solutions of H_2S , by
E. Herzog, H. Malinowski.

(No Source Stated)

NZDIA

Sci
Feb 65

Protection of Iron Immersed in Aerated Salt Solutions
and Realization of an Evans Cell, by E. Hernog,
G. Chaudron, 3 pp.

FRENCH, per, Comptes Rendus, Vol CXVII, Apr 1931,
p 837.

SLA 57-1145

Sci - Min/Ret

58, 448

58 Feb

Some Results Relative to the Corrosion of Mild Steel
by Nitrates, by E. Herzog, A. Portevin, 5 pp.

FRENCH, per, J Lutte Contre Corrosion, 3rd group-III,
1938.

SIA 2643

Sci - Min/Met

58,449

Feb 58

Semi-Stainless Steels and Resistance to Natural
Waters, by E. Berzog, 15 pp.

FRENCH. per, J Lutte Contre Corrosion, 2nd group-I,
1938.

SLA 57-1155

Sci - Min/Mat

58,450

Feb 58

Protection, by Cathodic Polarization, of Iron
Immersed in Aerated Salt Solutions, by E. Witzig,
G. Chaudron, 3 pp.

FRENCH, per, Comptes Rendus, Vol CXCI, Oct 1931,
pp 587-589.

SLA 457-1144

Sci - Min/Mod

58,451

Feb 58

Contribution on the Action of Magnetite and Rust
on the Corrosion of Mild Steel in Wet, Almost
Neutral Media, by E. Herzog, 6 pp.

FRENCH, per, Bull Soc Chim France, Vol V, 1938,
pp 187-191.

SIA 57-1142

Sci - Min/Met

Feb 58

58,454

Galvanic Couples Corroding Iron and Its Alloys in
Moist and Aerated Media, by E. Herzog, 14 pp.

BRENCH, per, Bull Soc Chim France, Vol III, 1936,
pp 1530-1539.

SLA 57-1143

Sci - Min/Met

58,455

Feb 58

Embrittlement and Fracture of Steels Subjected to
Stresses in Saturated Solutions of H_2S . by E.
Herzog, E. Malinowski.
FRENCH, per Mem. Sci. et. Rev. Metall. Vol. 57, 1960,
pp 535-549
MZDSIR/Ref. No. 793

E. HERZOG

Sci -
Aug 67

334-734

POMP, A.
~~HERZOG, E.~~

Creep Strength of Steels at Temperatures Above
930° F.

MITTEILUNGEN K.-W. INSTITUT EISENFORSCHUNG,
vol 14, 1934, pp 141-153; 3400-word condensation.

Brutchen No 939, § 1/100

A-4084

Determination of Oxides in Steels, by L. Backer,
E. Herzog.

FRENCH, per, Revue Metallurgie Memoires Scien-
tifiques, Vol LVII, Jul 1960, pp 493-499.

BISI 1910

Sci - Chem

May 61

148,120

Embrittlement and Rupture of Steels Under Stress
in Saturated Solutions of H_2S , by E. Herzog, E.
Malinowski.

REFERENCE, per, Revue Metallurgie Memoires Scientifiques,
Vol LVII, Jul 1960, pp 535-549.

BISI 1911

Sci - Chem

May 61

148,138

HERZOG, E.
PORTEVIN, A.

Corrosion of Low Carbon and Alloy Steels by Nitrates.

CHIMIE ET INDUSTRIE, Special Number, vol 41, 1939,
No 4, pp 471-473; 500-word abstract.

Butcher No 892, \$ 1.00

A-4085

HERZOG, E.

Aciers Speciaux, vol. 10, pp. 364-377, 12 figs.,
14 tables, 5900 words; 1934.

The copper steels.

Brutcher, Trans. Order No. 207, \$5.90

A. 4056

Antrenyl Duplex, a New Peroral Form of Administration
With a Depot Effect, by H. Bersog, H. Kaufmann,
E. Lang, P. Speiser, 8 pp.

GERMAN, per, Schweiz Med Wochschr, Vol LXXXV,
18 Jun 1955, pp 612-614.

SLA Tr 2125

Sci - Medicine
Sep 57

52,955

Influence of the Structure of Mild Steels on
Their Brittleness Under Tension, in Hydrogen
Sulfide, by Eugene Herzog, 3 pp.

FRENCH, per, Academie des Sciences, Comptes
Rendus, Vol CCXLI, No 17, 1955, pp 1129, 1130.

SLA 60-10716

Sci

Jun 60

118,351

Polarizing Interferometric Methods in Epi-
illumination Microscopy and Especially in
Materials Testing, by F. Herzog.
GERMAN, per, Industrie-Anzeiger, Vol. 60, 1962,
CSIRO/No. 7035

F HERZOG

Sci -
Aug 67

335-703

145

on the Combination of the Phase Contrast
Process with Fluorescence Microscopy.
by F. Götter, F. Herzog.
FAKUCHI, per. Applied Optics, Vol 4,
pp 669-672, 1965 0229715
SEC UCRL-11-1128

F. Herzog

act-Phys
Nov 65

271,062

Polyethylene Glycol Derivatives With Cough
Relieving Action, Especially Tessalon, by
H. Herzog, 14 pp.

No reference cited

SIA Tr 57-1940

Sci

Jun 58

66,032

85
Shell Theory of Double Curved Dams of Equal
Angles, by M. Hertzog.
GOSSEN, rev, Engineering, Vol 36, No 6,
1961, pp 219-222.
NRC 69-15635-13 H

m Hertzog

Sci-Mech
Dec 69

398,454

Design of Arch Dams of Any Shape By the Shell Theory,
by Max Herzog, 19 pp.

he GERMAN, per, die Bautechnik, 1936, Vol XXXIII,
No 8, pp 268-273.

3
SLA 59-15063

Sci

Oct 59

Vol 2, No 3

99,933

Shell-Type Dams, by Max Herzog, 24 pp.

GERMAN, per, Die Bautechnik, Vol XXXIII, No 2, 1956,
pp 47-54.

SLA 59-10746

Sci - Eng

Jul 59

OTS I, 11

91,020

127
Deflection of Cathode- and Canal Rays
at the edge of a Condenser whose Scray
field is limited by a Diaphragm, by
R. Herzog.

Zeitschr., for, Z. Phys., Vol XXIII, 1935,

p. 590-602.

NASA TT F-10,464

R Herzog

Sci-Phys

Jan 67

317,856

Richard Herzog

Electron-Optical Cylinder Lens Action of the
Stray Fields of a Condenser, by Richard Herzog.
GERMAN, per, Physikalische Zeitschrift, Vol 41,
1940, pp 18-26.
NASA TT F-13,863

Mar 72

Ionic- and Electro-Optical Cylindrical Lenses and
Prisms, (Part 1), by Richard Herzog, 25 pp.

GERMAN, per, Z Physik, Vol LXXXIX, 1934, pp 447-473.

AEC Tr-5130

Sci - Phys

Aug 62

List 71

206,086

Influence of Stray Magnetic Fields on the
Position and Quality of Images in Mass Spectro-
graphs and Spectrometers, by Richard F. K.
Herzog, 19 pp.

GERMAN, per, Z. fuer Naturforschung, Vol 1a,
1955, pp 887-893. 90669282

AEC Tr-5282

Nuc
Sci - Phys
Oct 62

~~10/1/62~~
215,539

HERZOG, S. and ZUHLKE, H. Relating to an element-comp
of zirconium (Zr Dipys).
Z.Naturforsch. 15B:466 (1960) (AAEC LIB/TRANS 27)

HERZOG, S.

Symetrical Fourpoles, by W. Herzog.
GERMAN, per, Nachrichtentechnische
Zeitschrift, Vol 14, No 10, 1961. pp. 70
502-11
NTC 69-10625-09C

Sci-~~Eng~~nc
July 69

386,739

W Herzog.

The Significance of Stable Frequencies for CW
(Continuous Wave) Radar Techniques and the
Generation of Highly Stable Frequencies, by
W. Herzog.

GERMAN, per, Nachrichtentechnischen Z,
Vol XXI, No 1, 1960, pp 29-33.

RAE 907

167,482

Jci - Electron

Sep 61

Tight Picks in Wool Fabrics, by W. Herzog.

GERMAN, per, Melland Textilberichte,
Vol XL, 1959, pp 1166-1171.

CSIRO/No 5790

Sci-Engr
Mar 63

225,288

Physiology of Clothing and Man-Made Fibres, by
W. Herzog.

GERMAN, per, Lenzinger Berichte, No 16, 1964,
pp 8-60
CSIRO/No 7494

W. Herzog

Sci -
Jul 67

334,189

Herzog, W. and Dornenberg, E.
THE USE OF METHYL CHLORIDE FOR MASS
SPECTROMETRIC ISOTOPE ANALYSIS OF CHLO-
RINE (Die Verwendung von Methylchloride zur
Massenspektrometrischen Isotopenanalyse von Chlor).
[1960] [6]p. 12 refs.
Order from SLA m\$1.80, ph\$1.80 61-10538

Trans. of Zeitschrift für Naturforschung (West
Germany) 1958, v. 13a [no. 1] p. 51-52.

(Physics--Spectroscopy, TT, v. 5, no. 8)

61-10538

1. Chlorine isotopes--
Spectrographic analysis
2. Methyl chlorides--
Applications
3. Mass spectrometers--
Applications

1. Herzog, W.
- II. Dornenberg, E.

Office of Technical Services

(NY-4530)

State Savings Banks in the Construction of
Socialism in Czechoslovakia, by Karel Hec, 13 pp.

CZECH, per, Finance a Uver, No 5, 1960, pp 293-300.

JPRS 7306

EEur - Czechoslovakia
Econ
Jan 61

136,041

Defect of Both Olfactory Nerves With
Stunted Gonitallia, by Heschl.
LANGUAGE UNKNOWN, per, Fest 2 Prakt
Beilk, Vol 7, No 12, 1861, pp 179-180.
WH 6-15-65

Heschl

Sci/Ba
Jul 65

285,706

54
Effect of both olfactory nerves with stunted
Olfaction, by Meschl.
Annot. per, West Z Prout Milk, Vol 7, 1912,
1001, pp 179-180.
Ann. 6-15-65

Meschl

Sci/54

Nov 65

311,034

SECRET

(NY-3208).

Focus on Raising Living Standards, by Gerhard
Haske, 12 pp.

GERMAN, per, Vierteljahreshefte zur Statistik der
Deutschen Demokratischen Republik, Vol III,
No 3/4, Berlin, 1959, pp 124-127.

JPRS-2207-N

ESur - Germany
Econ - Living Standards
Feb 60

107982

Heaky, Hans.

ONE-TOWER LOW PRESSURE ABSORPTION INSTALLATIONS FOR THE PRODUCTION OF NITRIC ACID FROM NITROSE GASES. [1961] [15p. 3 refs.
Order from SLA \$1.60

61-20478

Trans. of Chemie-Ingenieur-Technik (We: Germany)
1961 [v. 33, no. 1] p. 27-31.

DESCRIPTORS: *Towers (Chemistry), Absorption,
*Nitric acid, *Nitrogen compounds, *Gases,
Production.

An absorption tower for low pressure conditions has been developed in which the tray spacing is greater in the upper part and the spaces between the trays are subdivided by perforated plates. As a result very
(Engineering--Chemical, TT, v. 7, no. 8) (over)

61-20478

I. Heaky, H.

Office of Technical Services