

65

**Isotopic Effect of Tritium in the Form of
Tritiated Thymidine on ATP Activity; Puri-
fied Thymidine-5'-Phosphotransferase, by
L. Bagnat-Mahieu
FRENCH, par, Chim Biol, Vol 47, No 12, 1965,
pp 2321-2322.**

**HTB-BBN
7-3-68**

L. BAGNET-MAHIEU

**Bol-BBN
Sept 68**

365,943

Identification of Beryllium Hydrogen BeH_2 , by Egon
Wiberg, Richard Bauer, 2 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol VIb,
1951, p 171.

NAVY Tr 871/ONI 1225

Scientific - Chemistry

Nov 53 CTS

7383

Principle of the Impulse Meter and Its Use in New
Measuring and Controlling Apparatus in Communica-
tion Engineering, by R. Bauer, 33 pp.

GERMAN, per, Wiss Veroff Siemens-Werken, Vol XV,
No 2, 2 May 1936, pp 51-63.

SLA Tr 57-642

Sci - Electronics

53,086

Sep 57

Information on Magnesium Aluminum Hydride Mg (AlH₄)₂,
by Egon Wiberg, Richard Bauer, 5 pp.

German
~~RUSSIAN~~, per, Z Naturforsch, Vol VIIb, 1952,
pp 131, 132.

AEC Tr 3037

Sci - Chemistry
Oct 4 57

34, 284

62-16924

Bauer, R. and Eisen, J.
INDUSTRIAL EXPERIENCE WITH A PHOTO-ELEC-
TRIC COLORIMETER OF DR. B. LANGE. [1942] 6p.
(fig. refs. omitted).
Order from SLA \$1.10

62-16924

I. Title: Lange colorimeter
I. Bauer, R.
II. Eisen, J.
III. Lange, B.

Trans. of Metall (West Germany) 1949, v. 3, June,
p. 187-192.

DESCRIPTORS: *Industrial equipment, *Colorimetric
analysis, *Photoelectric cells, Test equipment.

(Engineering--Chemical, TT, v. 9, no. 1)

Office of Technical Services

Theory of the Communication-Engineering Impulse
Meter Operating With Dry Rectifiers, by R. Bauer,
E. Spenke, 33 pp.

GERMAN, per, Wiss Veroffentl Siemens-Werken, Vol XV,
No 2, 3 May 1936, pp 64-77.

SLA 57-2230

Sci
May 58

63,277

62-14644

Bauer, Richard.
MAGNESIUM-ALKYL-BORON HYDRIDE AND ITS RE-
ACTION BEHAVIOUR, II. [1962] 6p. 6 refs.
Order from SLA \$1.10 62-14644

Trans. of [Zeitschrift für] Naturforschung (West Ger-
many) 1961, v. 16b [no. 12] p. 839-840.

DESCRIPTORS: *Magnesium compounds, *Alkyl radi-
cals, *Boron compounds, *Hydrides, Ethyl radicals,
Diboranes, *Chemical reactions, *Reaction kinetic.

The preparation of magnesium hydride from diethyl
magnesium and diborane proceeds by way of magnesium
alkyl-boron hydride as intermediate product. New ex-
perimental results are communicated. (Author)

(Chemistry--Physical, TT, v. 8, no. 7)

I. Bauer, R.

Office of Technical Services

The Effect of Various Applications of X-Rays
on Bone Marrow and Its Cell Elements Including
a Contribution to the Time Factor Problem, by
Robert Bauer, 10 pp.

GERMAN, Ger, Strahlentherapie, Vol LIVII, 1940,
pp 487-499.

AEC XP-145

Sci - Med

Oct 58

75,582

Bonus for Performance, by Rolf Bauer, Richard
Kuehnemund, 4 pp.

GERMAN, np, Neues Deutschland, 2 Nov 1962, p 5.

JPRS 16696

EEur - Germany
Econ
Dec 62

Experiments in Separating a Thorium's Department in the
Oxide Chloride Thorium's Department, by V. F. Dykko,
E. G. Roman, et al, 5 pp.
RUSSIAN, per, Soviet Science & Technology, No 4, 5,
1961, pp 144-147.

R. G. Bauer

APR 23 1961

Sci - Biol & Med Sci
Feb 61

249,304

24
The CBR Defense in the West German Armed
Forces -- Organization, Training Equipment
by T. Bauer, 13 pp.
GERMAN, par, Exilochats, No 12, Dec 1964,
pp 413-417.
ACSI J-3066
ID 220603467

T. Bauer

WE-West Germany
Military
Dec 67

346,100

Absolute Values of the Absorption Constants
of Alkali Halide Crystals in the Range of Their
Ultraviolet Characteristics Frequencies, by V. G.
Bauer, 45 pp.

GERMAN, per, Ann Physik, Vol V, No 19, 1934,
pp 434-464.

SLA 3198

May 58

63,332

TT-63-20577

Bauer, W.
**THE MOLD-FILLING PROCESS IN INJECTION MOLD-
ING OF THERMOPLASTICS (Der Formfüllvorgang beim
Spritzguss von Thermoplasten). [1963] [34p] (foreign
text included) (4 figs omitted) 3refs**
Order from SLA \$3.60

I. Bauer, W.

TT-63-20577

Trans. of Kunststoffe (West Germany) 1963, v. 53,
no. 4, p. 210-217. (Abstract available)

DESCRIPTORS *Thermoplastics, Processing, *Mold-
ing, Injection, Molding materials, Polyethylene plastics

In order to comprehend theoretically the mold-filling
process in injection molding of thermoplastics a model
representation imitating the theory of wave propagation
was developed. Speculation was particularly centered
on the expansion of flowing front in the mold cavity, and
how much the really appearing flowing front area corre-
sponds to the theoretically expected flowing front area
(Materials--Plastics, TT, v. 11, no. 3) (over)

Office of Technical Services

62-14293

Bauer, W.
AGING OF PLASTICS FROM A TECHNICAL ASPECT.
[1962] 8p.
Order from SLA \$1.10

62-14293

I. Bauer, W.

Trans. of Kunststoffe (West Germany) 1961, v. 51,
no. 3, p. 133-134.

DESCRIPTORS: *Plastics, *Age factors, Stresses,
Mechanical properties.

Changes in plastics with time and the effects produced
thereby are discussed. It is established that aging
characteristics cannot be given as material values,
but only as operational expectancy values connected
with use for certain parts. (Author)

209388

Office of Technical Services

(Materials--Plastics, TT, v. 8, no. 1)

Bauer, W.
SYNTHETIC RESIN. Jan 64, 1080 words
Order from LSA \$10.00

Title of German patent 654,642, 26 Apr 38.

DESCRIPTORS: Plastics

(Synthetic-Plastics, TT, v. 11, no. 11)

TT-64-12348

I. Bauer, W.
II. Patent (Germany) 654 642
III. Literature Service
Associates, Bound
Brook, N. J.

1280869

Office of Technical Services

Calculations of Output and Cost for Production
Planning of Iron and Steel works, by W. Bauer.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Vol XXVII,
No 5, 1956, pp 347-354.

British Iron and Steel Ind
(no number ~~8888~~ given)

Sci
USSR
Econ
Sep 59

98,162

Light Meter for Aerial Photography With Various
Filters and Automatic Recording of Exposure Time,
by W. Buser, 13 pp.

GERMAN, ^{FOR} ~~RE~~, Jahrbuch Luftfahrtforsch, Vol III,
1940, p 64.

SLA 3098

May 58

69,333

Several Studies of the Causes for the
Formation of Gas Bubbles in Glass
Melts, by K. H. Schier, W. Bauer, S.
Breitfelder,
GERMANY, per. Silikattechnik, Vol 15,
No 9, 1964, pp. 276-80.
NYC 69-11533-11B

W. Bauer

Sci-Earth Sci
July 69

386,654

J-2206

REF: "Mission Fungus" is Going around, by
Walter Bauer-Meyd. DC-11314

GERMANY, op. Frankfurter Rundschau, 27 Apr 1966.

ADAMS

at-Ger

Pol

Apr 65

Concerning a Case of Adenomyoma Sarcomatosum,
by Baureisen, 2 pp.

GERMAN, per, Munch Med Wochenschr, Vol LI,
1904, pp 1321-~~138~~ 1322.

NIH 1-51-~~562~~

186.413

Sci - Med

Mar 62

TT-63-18777

~~Bauereisen, Erich.~~

CARL LUDWIG AS THE FOUNDER OF MODERN
PHYSIOLOGY. [1963] [7p] 4refs
Order from SLA \$1.10

TT-63-18777

I. Bauereisen, E.
II. Ludwig, K. F. W.

Trans. of [Leipzig U.] Wiss[enschaftliche] Z[eitschrift],
Math[ematisch]-Naturw[issenschaftliche] Reihe (East
Germany) 1956/57, v. 6, no. 4, p. 401-404 (Reprinted
from Physiologist (U. S.) 1962, v. 5, no. 4,
p. 293-299).

DESCRIPTORS: Physiology, *Medical research,
Kidneys, Blood circulation, Respiration.

1963

(Biological Sciences--Physiology, TT, v. 11, no. 3)

Office of Technical Services

Production ² of Phenol and Cresols From Bituminous
Coal, by E. Moerhrls, F. Bauerfeld

GERMAN, per, Duisburg-Neiderich Angewandte Chemie,
Vol LII, No 9, 1939, pp 185-186.

S.L.A. Tr Pool

Scientific - Chemistry
CPS/DEX

14,259

Measurement of Very Short Carrier Lifetimes
in Semiconductors, by P. Bauerlein, 119

Upp.
Grunberg, per. Zeit fur Ang Phys, Vol XIV,
No 7, 1962, pp 400-412. 9227103
ACS11/64/409

P. Bauerlein

Sci - elec
Apr 65

277,893

85

The measurement of the Displacement Energy of a Lattice Atom by Electron Collisions in Al^{III} b^v Compounds, by R. Bauerlein, 15 pp. GEFÜHRN, per, Zeit für Physik, no 176, 1963, pp 498-509. 9699059
PHD-77-55-685

AEC-AI-6-36 R. Bauerlein

Sci - Nucl Sci
Jan 64

100.703

Supplement to U-Report 103 on the Question of
Aluminum Carbide Formation from the Thermal
Reduction of Al_2O_3 with Carbon, by Bauermeister,
6 pp.

14
GERMAN, Research Report Review 125, November
14, 1939.

S.L.A. Tr 970

33,014

Sci - Metals / Minerals

Apr 56

The Nature and the Uses of the "Kiel" Bone
Chips, by R. Maatz, A. Bauermeister,
17 pp.

GERMAN, rpt, Melsunger Med Pharmazent
Mittel Wissen u. Praxis, No 97.

Navy Tr 3670/NMS 837

Sci - Biol & Med
Jan 64

248,517

Treatment of Cysts, Tumors and Inflammatory
Processes in Bones With the Kiel Bone Chips, by
Armin Buechermeister, 35 pp.

GERMAN, per, Beitrage zur Klinischen Chirurgie
Abt. 1, Vol CCIII, No 3, 1951.

Navv Tr 3706/RMS 840

Sol. - Biol & Med
Feb 64

242,861

Stability of Sodium Aluminate Solutions Between
74°C and 94°C., by G. Bauermeister, 5 pp.

GERMAN, per, Aluminium, April 1941, pp 205-208.

S.I.A. Tr 971

33,016

Sci - Metals/Minerals

Apr 56

Contribution to the knowledge of the Bayer process,
by G. Bauernfeister, W. Fulda, 6 pp.

GERMAN, per, Aluminium, p March 1943, pp 97-100.

S.L.A. Tr 969

Sci - Mineral/Metals

33,020

Apr 56

(NY-6450)

Better Planned Employment of Manpower, by
Gerhard Bauermeister. 5 pp.

GERMAN, par, Arbeit und Sozialfuersorg.,
Vol XVI, No 10, May 1961, pp 215-216.

JPRS 12580

EBur - Germany

Econ

Feb 62

185,831

How Can Armament Technology as a Vital
Element of Defense Be Most Efficiently Brought
to Bear in the "Bundeswehr?" by Hermann
Bauermeister, 14 pp.

GERMAN, per, Wehrtechnische Monatshefte,
No 12, 1961, pp 512-524.

ACEX I-0747
ID 2186170

EBur - Germany
M11
21 Mar 62

188,208

Concerning the Initiation of Front-wheel
Shimmying Through Road Unevennesses, by B.
Bauernstein, 25 pp.

GERMAN, per, ATZ Automobiltechnische Zeit-
schrift, Vol LXI, X No 10, 1959.

SLA 60-14067

Sci
Sep 61

169,360

Some Features of Arginine Metabolism in Birds, by
Ya. Bauerova, P. Sorn, 6 pp.

RUSSIAN, also per, Biokhim, Vol. XXI, No 3,
1956, pp 397-402, _____

Consultants Bureau

Sci - Biol
Chem

45,572

On an Extension of Prandtl's Diaphragm Analogy,
by W. Bauersfeld

GERMAN, per, Ing Arch, Vol V, No 1, 1934,
pp 69-82.

¹
Nat'l Res Council Canada TF 15

Scientific - Engineering

Jul CTS/DEK

Price 0.25

15,607

Study of Deterrence with an Introduction by
General Beaufre, 23 pp.
FRANCE, REV. Strategie, Vol I, No 1, Summer 1964,
pp 43-59; Vol II, No 2, Fall 1964, pp 39-60.
JPRS 20033

Int. France
Sci-Nuclear Sci
Sub GS

P 99

P 35

275,192

UNION STRENGTH IN 1962, BY MARCEL BAUFRENE,
14 PP. GOVERNMENT USE ONLY . ^R

^
FRENCH, ~~REPORT~~ ^{RPT, FORCES SYNDICALES}, JUN 1962, 23 PP.
^

JPRS 17928

WEUR - FRANCE
ECON ,
MAR 63

224,313

Statistical Study of 18,972 Investigations ³¹
on Hermatzoa over a Period of Three Years,
by R. Bauge.
FRENCH, per, Extreme Orient Medicale, Vol 6,
1953, pp. 104-10.
NTC 69-11602-06E

R. Bauge

Sci-M&N
July 69

387,542

Thrust Reversers for Braking Jet Aircraft, by
L. Bauger. UNCLASSIFIED

FRENCH, rpt, Procès Deuxième Eur Aeron Congress,
1956, pp 4.1-4.25.

TIL Tr 4869

Sci - Aero
Jun 58

64,507

Rapidly Locking ~~Vice~~, ~~Scissors~~ by Adrien-Auguste
Bauhand, 6 pp.

S

FRENCH, Patent No 63003, Addition.

US Dept of Commerce
Patent Office
Scientific Library (Loan)

Sci - Engineering
Oct 1956 CTS/dex

40,226

THE UNITED STATES DEPARTMENT OF JUSTICE,
FEDERAL BUREAU OF INVESTIGATION, WASHINGTON, D.C.
MEMORANDUM FOR THE DIRECTOR, FBI, WASHINGTON, D.C.
DATE: 10-1-59

JAN 1960

TO: DIRECTOR
FROM: SAC, NEW YORK
SUBJECT: [REDACTED]

10/1/59

Striking Concentration of Bronchial Cancer in
Workers in the Chemical Industry, by W. ~~XXXX~~
Alvens, E. E. Bouke, W. Jonas, 10 pp.

GERMAN, per, Munch Med Wschr, No 83, 1936, pp
485-487.

NIH

Scientific - Medicine
CTS/DEX

11,372

The Synthesis of Hydrocarbons. LXXI. The Synthesis
of Dineoalkyls $C_{12}H_{26}$ -- $C_{14}H_{30}$, by R. Ya. Levina,
I. Baulh, P. A. Kaikaris, E. G. Treshchova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, 2945-2950.

CB

Sci

129,289

Sep 60

Synthesis of Hydrocarbons. LXIX. New General
Method of Synthesizing Dineoalkyls
($C_{10}H_{26}$) --Dineopentyl and Its Homologs, by
R. Ya. Levina, P. A. Kaikaris, I. Baukh, E. G.
Treshchova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, NO 7,
1959, pp 2236-2240.

CB

Sci

124,689

Aug 60

(NY-1374/48)

The Latest in the Organization and Tactics of the
Combat Group Medical Service of the American
Infantry Division, by L. K. Bankin.

RUSSIAN, per, Voyenno Med Zhur, No 11, 1961,
pp 88-92.

JPRS 12766

Sci

188, 467

Mar 62

(NY-1374)

The Problem of Medical Service Organi-
zation of the Combat Unit of the American
Infantry Division, by L. I. Baukin

RUSSIAN, no per, Voenno Med Zhur. No 2,
Moscow, Feb 1961, pp 88-92

US JPRS 9303

See
Jul 61

157,779

Protection of Blood, Bacterial Prepara-
tions and Medicinals from the Effect
of Low and High Temperatures, by L. I.
Baukin, N. I. Komin, K. P. Vezno

RUSSIAN, no per, Voenno Med Zhur,
No 11, Moscow, Nov 1958, pp 68-71

US JPRS 1249-A

Sci - Med

81,395

Feb 59

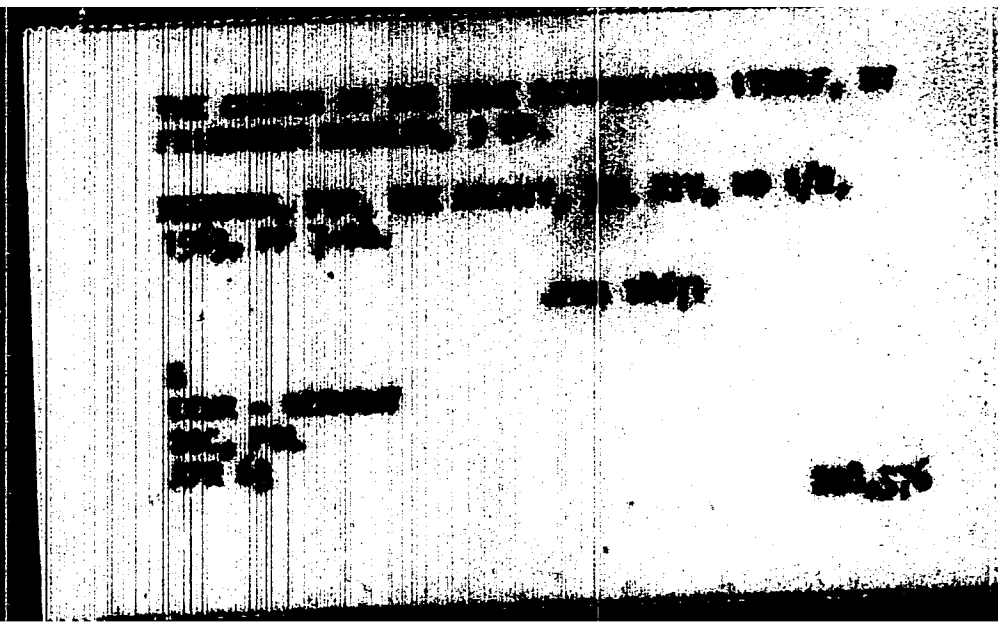
Myocardial Involvements in Certain Virus
Diseases, by M.S. Kushakovskiy, N. Baukin

RUSSIAN no per, Voenno Med Zhur, No 5,
Moscow, May 1958, pp 44-48

US JPRS/NY-713

Sci-Med
Oct 58

74, 531



Solubility of Hydrogen in Steel, Armco Iron, Cu, Ni,
and Al, by W. Baukloh.

GERMAN, per, Z. Metallkde, Vol 28, 1936, pp 34-40.

*NTIS/USDC/NBS TT 71-55042

Available NBS Only

W. BauKLoH

May 71

Diffusion of Hydrogen in Metals, by W. Bawklöh. ³⁸
GERMAN, per. Arch. Eisenh. No 11, 1937, pp 273-278. ⁴⁷
•NBS TT 70-57482

Sci-Inst
Aug 70

W. Bawklöh

Decarburation De Quelques Aciers Allies Par L'Hydrogene.
(Decarbonization of Some Steels Combined With Hydrogen),
by W. Baukloh, H. Guthmann, 10 pp.

FRENCH from GERMAN, per, Arch Eisenhüttenw, Vol IX,
1935, pp 201, 202.

Reverse Translation
AEC/CEA-Tr-A494

Decarburisation Par l'Hydrogene d'Alliages Fer-carbone
Purs et d'Aciers Allies, (Hydrogen Decarburisation of
Pure Iron-Carbon Alloys and Alloy Steels), by W.
Eug Bunkich, W. von Krensefels, 47 pp.

GERMAN to FRENCH, per, Arch Battennes Dtsch,
Vol XI, No 3, 1937, pp 145-156.

Reverse Trans
ORA Tr-A-631

Sci
May 61

Hydrogen Permeability in Cu, Fe, Ni, Al 47
and Some Alloys, by W. Bauklon.

GERMAN, per, Z. Metallkde, 27, 1935,
pp. 281-285.

•NBS TT 70-57284

Sci/mater
Jul 70

W. Bauklon

The Action of Hydrogen on Metals, by W. Baukloh,

GERMAN, per, Chemische Fabrik, Vol ~~XX~~ XI, 1938,
pp 449-455.

AEC Tr 482

Also Avail as Bratcher
Tr 860

Scientific - Chemistry June 1951 CTS/DEX

14.153

On the Hydrogen Sickness of Some Metals, by
W. Baukloh

GERMAN, per, Z Metallkunde, Vol. XXIX, 1937,
pp 427-433.

Nat'l Res Council Canada TR 353

Scientific - Minerals/Metals
Aug/CTS/DEX

16,861

Concerning the Destructive Effects of Carbon
Monoxide and Gases Containing Carbon Monoxide,
by W. Baukloh, 10 pp.

GERMAN, per, Die Chemische Fabrik, Vol ~~III~~
Vol XIII, No 6, 1940, pp 101-104.

S.L.A. Tr 1074/1956

Sci - Chemistry
Oct 1956 GTS

39,496

Oxides
The Primary Reaction of Metallic ~~XXXXXXXX~~ With Solid
Carbon, by W. Baukloh, R. Durrer.

R
GERMAN, per, ^oZeitschrift Anorganische Allgemeine
Chemie, Vol CCKXII, 1935.

Brutcher Tr No 212

Scientific - Min/Metals

\$3.30

14 142

Permeability of Copper, Iron, Nickel, Aluminum and Some
Alloys to Hydrogen, by W. Baukloh, H. Kayser.

GERMAN, per, Zeitschr. Metallkunde, Vol XXVII, 1935.

Brutcher Tr No 269

Scientific - Min/Metals

14,143

\$3.80

Permeability to Hydrogen of Copper, Nickel, and Some
Alloys, by W. Baukloh, H. Kayser.

GERMAN, per, Zeitschrift Metallkunde, Vol XXVI, 1934.

Butcher Tr No 271

Scientific - Min/Metals

\$2.85

14,144

Permeability to and Decarburization by Hydrogen of
Steels, Arco Iron, Copper, Nickel, and Aluminum
Under Elevated Pressures, by W. Baukloh, H Guthman.

GERMAN, per, Zeitschrift Metallkunde, Vol XXVIII,
1936, pp 34-40.

Brutcher Tr No 359

Scientific - Min/Metals

\$5.20

14,140

V
Gases Generated in the Reduction of Iron Oxides by
CARBON, by M. Baukloh, G. Zimmermann.

GERMAN, per, Stahl Und Eisen, Vol LIII, 1933.

Butcher Tr No 112

14,141

Scientific - Min/Metals

\$1.75

Decarburization of Some Alloy Steels by Hydrogen,
by W. Baukloh, H. Guthmann.

GERMAN, per, Archiv Eisenhüttenwesen, Vol IX, 1935.

Butcher Tr No 921

Scientific - Min/Metals

\$1.60

14,148

Vaporization of Manganese From Iron Alloys
Containing Manganese, by W. Baukloh, H. Uehlinger.

GERMAN, per, Metallwirtschaft, Vol XVII, 1938.

Brutcher
~~XXXXXXXX~~ Tr No 617

Scientific - Min/Metals

\$1.70

14,146

Reduction of Titanium Dioxide by Solid Carbon and
Carbon-Containing Iron, by W. Baukloh, R. Durrer.

GERMAN, per, Stahl Und Eisen, Vol LX, 1940.

Brutcher Tr No 826

Scientific - Min/Metals 14,147 \$1.20

Bauklob, W.
PRINCIPLES OF ANNEALING UNDER PROTECTIVE
ATMOSPHERES. [1962] 12p. ([refs.] figs. tables
omitted).

Order from A 51.60

62-16927

Trans. of die Technik (Germany) 1949, v. 4, no. 1,
p. 14-19.

DESCRIPTORS: *Annealing, Atmosphere, Exchange
reactions, Gases, Metals.

(Metallurgy, TT, v. 8, no. 9)

62-16927

1. Title: Protective atmospheres
1. Bauklob, W.

0226033

Office of Technical Services

Disintegrating Effect of Carbon Monoxide Upon Iron Ore,
by W. Baukloh, F. Jaeger.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XIII, 1939-
1940, pp 65-67.

Butcher Tr No 2250

Scientific - Min/Metals

\$2.60

14,158

Permeability of Steel to Hydrogen at 1300-1830° F. by
G. Lewkonja, W. Baukloh.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VI, No 10,
1933.

Brutcher Tr 945

Scientific - Min/Metals

~~12,745~~ 14,419

Influence of Gaseous Admixtures Upon Decomposition of
Carbon Monoxide, by W. Baukloh, E. Spetzier.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XIII, No 5,
1939-1940, pp 223-226.

Brutcher Tr No 1069

Scientific - Min/Metals

14,150

\$1.80

Decarburizing of Cast Iron in Carbon Monoxide-
Carbon Dioxide Mixtures, by W. Haukloh, U. Engelbert.

GERMAN, per, Archive Eisenhüttenwesen, Vol XV,
1941-1942, pp 247, 248.

Deutscher Tr 1230

Scientific - Min/Metals

\$1.70

12,746

Influence of Temperature and Pressure Upon Carbon
Monoxide Decomposition and the Disintegrating Effect
of Carbon, by W. Bankloh, B. Edwin.

GERMAN, per, Archiv Für Das Eisenhüttenwesen,
Vol XVI, No 6, 1942-1943, pp 197-200.

Brutcher Tr 1372

Scientific - Min/Metals

\$4.80

12,740

The Influence of Minerals on the Decomposition of
CO and Methane, by W. Bankloh, J. Hellbrügge.

GERMAN, per, Arch Eisenhüttenw., Vol XV, No 4, Oct
1941, pp 163-168.

ASLIB-0834

Sci

Aug 59

94, 232

The Effect of Cerium on Cast Iron, by W. Baukloh,
H. Meierling.

GERMAN, per, Die Giesserei, Vol XXVII, 1940, pp
pp 331-341. CIA 9042315

Brutcher Tr 1433

Scientific - Min/Metals

\$4.10

12,742

**Influence of Thorium on Cast Iron, by W. Baukloh,
Meierling.**

GERMAN, per, Die Giesserei, Vol XXIX, 1942.

Brutcher Tr 1470

Scientific - Min/Metals \$1.60

12,743

Solubility of Hydrogen in Iron-Tungsten Alloys, by
W. Baukloh, K. Gehlen.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XII, No 1,
1938.

Brutcher Tr No 1786

Scientific - Min/Metals

\$1.80

14,156

Iron and Some Ferrous Alloys Attacked by Gases
Containing Hydrogen Sulfide, by W. Baukloh,
E. Spetzler,

GERMAN, per, Korrosion und Metallschutz, Vol XVI,
No 4, 1940, pp 116-121.

27832

Brutcher Tr 3408

Scientific - Min/Metals, Chemistry

Oct 55 CTS

Decarburization of Pure Iron-Carbon Alloys and
Alloy Steels by Hydrogen, by W. Baukloh, W. Von
Kronenfels.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XI, 1937.

Brutcher Tr 521

Scientific - Min/Metals

\$8.90

12,748

On the Reduction Mechanism of Iron Oxides, by
W. Baukloh, R. Durrer.

GERMAN, per, Stahl Und Eisen, Vol LIV,

Brutcher Tr No 1846

Scientific - Min/Metals \$5.70

14,157

Baukhoh, W.

DESULPHURIZATION OF IRON BY HYDROGEN.

[Feb 48] 6p. 4 refs.

Order from SLA mi\$1.80, pb\$1.80 60-18813

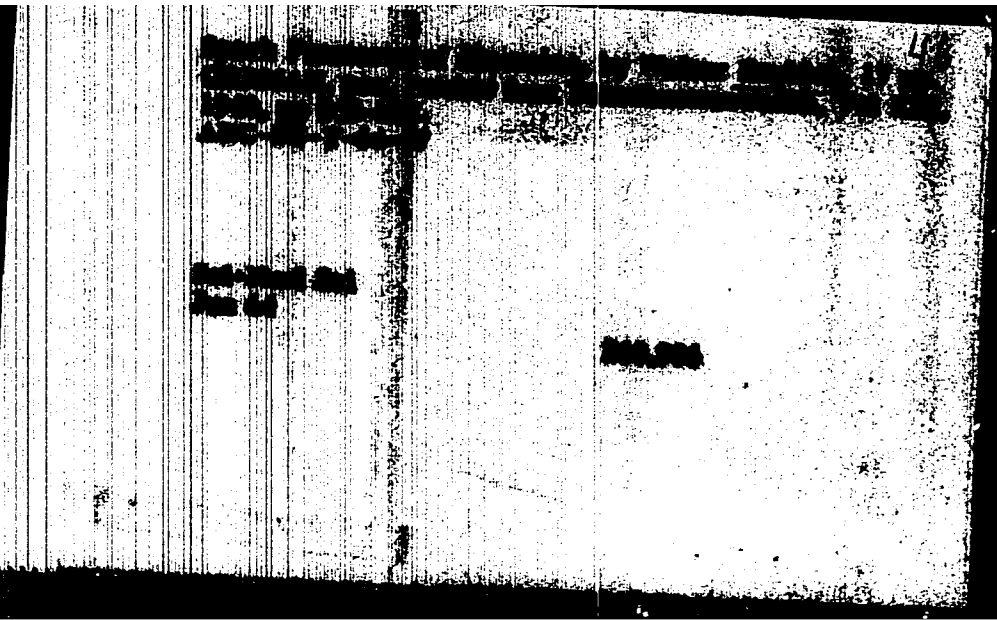
Trans. of Metallwirtschaft [Metallwissenschaft, Metall-
technik] (Germany) 1936, v. 15, Dec, p. 1193-1196.

60-18813

1. Sulfur--Separation
 2. Iron--Purification
 3. Title: Desulphurization
1. Baukhoh, W.

Office of Technical Services

(Unannounced)



The Solubility of Hydrogen in Aluminum and a
Few of Its Alloys, by Walter Baukloh, Friedrich
Oesterlen, 10 pp.

GERMAN, per, *Hand* Zeitschrift für Metallkunde, Vol XXX,
1938, p 389.

S.L.A. Tr 972

Sci - Metals/Minerals 33,015

Apr 56

Baukloh, Walter and Foroud, A. K.
THE DECARBURISATION OF CAST IRON AND
MALLEABLE IRON IN HYDROGEN AND IN
MIXTURES OF HYDROGEN AND WATER VAPOUR.
Rept. no. 619 of the Materials Committee of the Verein
Deutscher Eisenhüttenleute; abridged version of
Doctor's thesis, Technische Hochschule, Berlin.
[Dec 43] 16p. (5 figs. omitted) 8 refs.
Order from SLA \$1.60

61-18461

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1943, v. 16, Mar, p. 355-362.

DESCRIPTORS: *Cast iron, *Hydrogen, *Water vapor,
Manganese, Mixtures, Graphite, Carbon, Temperature.

(Unannounced)

61-18461

1. Title: Decarburization
- I. Baukloh, W.
- II. Foroud, A. K.
- III. Title: Verein...
- IV. Technische Hochschule,
Berlin (Germany)

Office of Technical Services

Baukloh, Walter, Schulte, Fritz, and Friederichs, Hellmut.

A STUDY OF THE PROCESSES INVOLVED IN THE MALLEABILISING OF UNALLOYED AND ALLOYED CAST IRON IN CARBON-MONOXIDE/CARBON-DIOXIDE MIXTURES. Rept. no. 618 of the Materials Committee of the Verein Deutscher Eisenhüttenleute; abridged version of Doctor's thesis Technische Hochschule, Berlin. Dec 43, 32p. (1 fig. omitted) 18 refs.

Order from SLA \$3.60

61-18457

Trans. of Archiv für das Eisenhüttenwesen (Germany) 1943, v. 16, Mar. p. 341-354.

DESCRIPTORS: *Cast iron, Iron alloys, Carbon dioxide, Carbon compounds, Monoxides, Mixtures, Temperature, Diffusion, Metallurgy.

(Unannounced)

61-18457

- I . Baukloh, W.
- II . Schulte, F.
- III . Friederichs, H
- IV . Title: Verein...
- V . Technische Hochschule, Berlin (Germany)
- VI . BISI-158

Office of Technical Services

Heating of non-continuous oven installations in the
Earthenware Pipe Industry with long distance gasheating,
by G. Baukrogitz.

GERMAN, per. Glas-Stein-Techn. 1965, No 2, p 15
CHK/T. 172Gx

G. BAUKROGITZ

Sci -
Sep 67

340,259

Theoretical Treatment of Phenomena in
Rarefied Gases, by B. Baule.

GERMAN,

RUSSIAN, per, Annalen der Physik, Vol XXXIII,
1914, pp 145-176.

RAE 932

Sci - phys

167,856

3ep 61

A Physical Analogy to the Law of Plant Yield,
by B. Baule.

GERMAN, per, Z. Acker-u Pfanzenbau, Vol XCVIII,
No 3, 1954, pp 265-278.

CISIRO-2860

Sci

Aug 58

71,224

A Measuring Instrument for Explosion Vibrations,
by H. Baule,

BERMAN, per, Nobel Hafte, 1961, pp 67-71.

TTL 15280

Sci - Engr

Apr 63

229,401

Electrolytic Procedure For the Protection of
Metals, by Marie-Emile-Alfred Baule, Albert-
Jean Ducamp, 5 p.

FRENCH, patent, 721,675, Gr. 12, Cl. 7,
pub. 7 Mar 32, applied for 18 Nov 30, granted
22 Dec 31.

SLA 59-17104

Sci
Jan 60
Vol 2, No 8

105,539

Changes Produced in Polyamides by Chemical
and/or Physical Processes. I. Study of the
Degradation Products of Secondary Diamides,
by A. Cannepin, A. Baulenas.

FRENCH, bulletin, Inst Textile de France,
No 101, 1962, pp 641-651.

GB/256/T.1506

Sci-Chem

Aug 63

342,029

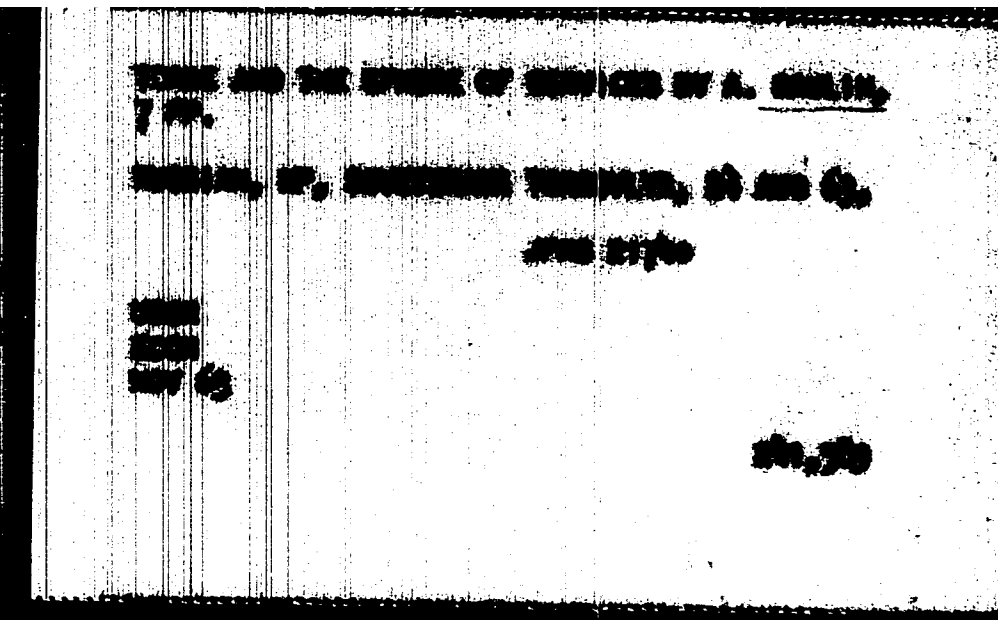
Experimental data on the Hydrolysis of the
Urinary 17-Ketosteroid Conjugates by
Enzymes of the Digestive Juice of Helix
Pomatia, (L), by Max F. Jayle, E.E. Paulieu,
29 pp.

FRENCH, per, Bull Soc De Chimie Biologique,
Vol XXXVI, N 10, 1954, pp 1391-1406.

NIH Tr 910

30,328

Sci - Biology



A Spark Chronoscope for the Oscillographic Reception
of Time Signals, by M. D. Sopel'nikov, I. V. Baulin,
5 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 1,
1960, pp 151-155.

AIP
Sov Astron - AJ
Vol IV, No 1

Sci
Oct 60

130,398

International Commission of the Red Cross: The Role of
the ICRC

RESEARCH, pub. French Trans. No 10, 1982, pp 10-22.

1982 2001

1982
1982
1982

1982 00

(DC-2800/61).

SE-1850/61

Training Center Constructed, by V. Baulin,

RUSSIAN, np, Sovetskiy Patriot, 13 Nov 1960, p 2.

*JPRS

USSR

Mil - Civil Defense

3 May 61

Removal of Silicates From Water by Magnesite
Sorbent Developed by VODGEO Institute, by V. M.
Kvyatkovskiy, A. I. Baulina.

RUSSIAN, per, Teploenergetika, No 10, 1958,
pp 46-51.

DSIR LIU RTS 1544

Sci - Chem, Engr

128,855

Oct 60

Flushing With Cases, by B. A. Evans, K. P.
Kuznetsov, P. V. Ustinov.

RUSSIAN, per, Is Vses Ushel KASH Zaved,
Obern Mat, No 2, 1961, pp 22-33.

FB 5151

Col ... Chiam
Oct 61

171, 862

Baum, F. A., Stanyukovich, K. P., and Shekhter, B. I.
PHYSICS OF AN EXPLOSION, CHAP. X: COMBUSTION
OF EXPLOSIVES. [1962] [87]p. 13 refs. AERDL
T-1488 (j); RIS E-875.
Order from OTS or SLA \$8.10 62-32430-3

Partial trans. of mono. [Fizika Vzryuva, Moscow,
1959, 800p.].
Another trans. is available from OTS \$7.60 as
AD-278 133, STL Trans-66.

DESCRIPTORS: *Explosives, *Combustion, Physics,
*Explosions, Ignition, Gases, Flames, Explosive
gases, Detonation, Pressure, Theory, Fulminates,
TNT, TETN, RDX, Tetryl, Powders, Benzenes,
Nitro radicals, Organic azides.

Contents: Basic characteristics of combustion processes
of explosives Combustion of gaseous explosive systems
(Physics, TT, v. 9, no. 8) (over)

62-32430-3

- I. Baum, F. A.
- II. Stanyukovich, K. P.
- III. Shekhter, B. I.
- IV. Title: Combustion...
- V. AERDL T-1488 (j)
- VI. RIS E-875
- VII. Army Engineer
Research and Develop-
ment Labs., Fort
Belvoir, Va.
- VIII. Research Information
Service, New York
- IX. 62-32430-4 canceled.
Included in 62-32430-3

Office of Technical Services

On the Limits of Certain Substances
Limits of the Hydrogen-Air Mixture, by H. J. Schumacher
E. Baum, 14 pp.

Full translation.

SPANISH, Faculty of Chemistry and Pharmacy, Research
Institute La Plata.

CIA/FDD 2-25

US - Spain
Scientific - Chemistry, Explosive limits, Hydrogen-air
mixture

Oct 52 OHS/DKK A. 559