

Plant Diseases, by A. Buchheim.

RUSSIAN. In Sel'skhozhoisistvenskai Entsiklopedia,  
No. 5, Vol. 1, Moscow, 1949, p 219-222, 30.1 So42 Ed 3.

USDA Trans No 169

USDA

Scientific - Biology, plant diseases  
Economic - Agriculture, plant diseases

INFLUENCING THE TUBULAR SODIUM, POTASSIUM AND CALCIUM  
CALCIUM TRANSPORT OF THE ISOLATED, ARTIFICIALLY  
PERFUSED FROG KIDNEY WITH CARDIAC ACTIVE STEROIDS  
OF VARIOUS POLARITIES, BY G. VOGEL, S. BUCHHEIM,  
7 PP.

GERMAN, PER, PFLUGERS ARCHIV, 8 VOL CCLXXV, 1962,  
PP 12-22.

NIH 8-32-62

SCI - BIOL

213,741

On D-C Polarized A-C Choke Coils and Their Reaction,  
by T. Buchhold, 47 pp.

GERMAN, per, Arch Elektrotech, Vol XXXVI, No 4,  
30 Apr 1942, pp 221-238.

SLA Tr 57-2264

Sci

Aug 58

68, 673

Repair welding of cast iron ingot moulds, by A.  
Zuchholz. UZOL.

GERMAN, per, Schweissen und Schneiden, Vol. 31  
No 7, 1955, pp 335-341.

British Iron and Steel Co  
(no number given)

Sci - Eng  
Sep 59

98, 115

(ZDD 20599)

Photogrammetry in the Soviet Union, by Prof Dr  
A. Buchholts, 32 pp.

GERMAN, no par, Vermessungstechnik, Vol III, No 7,  
Berlin, Jul 1955, pp 121-129.

CIA/FID/U-8063

USSR  
Sci - Photogrammetry  
Geophysics  
Geographic

33,435

(COPYRIGHT)

+ Apr 56

Stereoscopic Plotting of Super-Wide Aerial Photographs,  
A. Buchholz.

GERMAN, bk, Zur Stereoskopischen Auswertung von  
Ueberweitwinkel-Luftbildern.

ACIC

Sci - Physics  
Nov 63  
FOR INTERNAL USE ONLY  
WITHIN THE DEPARTMENT  
OF DEFENSE

241, 321

Year-longing Clad Plate and its Use in the  
Production of Large-Diameter Tube,  
by A. Buchholz.  
GERMAN, per, Engineering, Electric, R. & R., Oct 1964,  
pp 551-565.  
 illus 6-640

*A. Buchholz*

LE-Cornaby  
Sci/MAM  
17 May 65

280,700

(FDD 21641)

Science in the USSR, by Dr Arnold Ernst Buchholz,  
14 pp.

GERMAN.

~~9~~  
CIA/FDD/U-6335

USSR  
Sci - Miscellaneous, education

18,409



Administration Reform in the Soviet Forestry and  
Wood Industry, by Dr. E. Buchholz, 9 pp.

GERMAN, per, Holz-Zentralblatt, No 31, 12 Mar  
1959, pp 386, 387.

CIA/RDD X-3682

USSR  
Econ  
Sep 59

95,719

Teaching and Research in Wood Utilization in the USSR,  
by E. Buchholz, 3 pp.

GERMAN, bk, Holz als Roh- und Werkstoff, Feb 1952,  
p 62.

S.L.A. Tr 1321/1956

Sci - Engr  
Feb 57 CIB/dax

43,532

Genesis and Elimination of Nonmetallic Inclusions in  
Basic Electric Furnace Steel, by F. Buchholz, et al

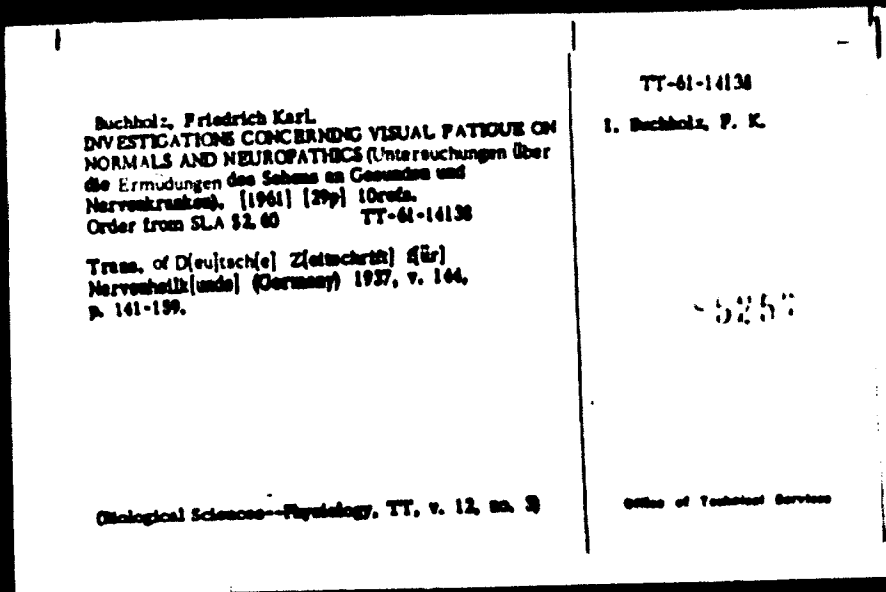
MAH, per, Stahl und Eisen, Vol LVIII, 1938.

Butcher Tr No 535

Scientific - Min/Metals

\$3.50

16,703



31  
Notes on an Expansion Formula from the Theory  
of Cylinder Functions, by E. Buchholz. 17 pp.  
GIBSON, per, Zeit für Angew Math und Mech,  
Vol 25-27, No 8-9, Nov-Dec 1967, pp 287-292.  
Dept of Navy MIL Tran 1191

to Buchholz

Sci-Math  
Dec 69

397.396

Erreurs Geometriques Des Dispositifs De  
Comptage a Coincidence, by H. Buchholz,  
6 pp.

POLISH to FRENCH, per Nukleonik, Dtsch.,  
Vol V, No 1, 1962, pp 56-57. 9069482

CIA A-1183  
Reverse Translations

SCI  
Dec 62

Relation Between Thermal Stresses and Strength  
Properties of Steel, by H. Buchholz, H. Buhler,  
12 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen,  
1933, Vol VI, No 8, pp 335-340.

SLA 59-20590.

Sci  
Mar 60  
Vol 3, No 1

110,997

Comparison of the Methods for Determining Residual  
Stresses in Solid Cylinders, by Buchholz, Hans  
Buhler, 6 p.

GERMAN, per, Stahl und Eisen, 1932, Vol LII, No 20,  
pp 490-492.

SLA 59-20592

Sci  
Mar 60  
Vol 3, No 1

110,995



The Influence of the Curvature of Rectangular  
Tubular Wave Guides on the Phase of Ultrashort  
Waves, by H. Buchholz.

*curvature*  
GERMAN, per, *Elect. Nachr. Tech.*, Vol XVI, No 3,  
March 1939, pp 73-85.

3978  
TPA3/TIR T ~~2922~~ 3922,  
P 22306T

16,709  
Scientific-Electricity

Internal Stresses in the Heat Treating of Steel, by  
H. Buhler, H. Buchholz, E. H. Schulz.

GERMAN, per, Archiv Eisenhüttenwesen, Vol V, No 8,  
1932.

Brutchor Tr No 1927

16, 704

Scientific - Min/Metals

\$7.35

Analysis of Residual Stresses in Steel Cylinders on  
Basis of Strain-Time Curves, by H. Buchholz,  
Mar.

1931, per, Archiv Für Das Eisenhüttenwesen, Vol VI,  
1933, pp 253-256.

Brutcher Tr No 122

16,710

\$4.00

Scientific - Min/Metals



Influence of Tempering Upon Quenching Stresses in  
Steel, by H. Buhler, H. Buchholz.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII, No 3,  
1934.

Butcher Tr No 1933

16,705

Scientific - Min/Metals

\$3.60

Corrosion and Scaling of Structural Steels Under  
Mobile Loads, by E. W. Muller, H. Buchholz.

SIAM, ser, Archiv ~~Für~~ Das Eisenhüttenwesen, Vol  
1, No 1, 1935-1936, pp 41-45.

Brutcher Tr No 224

16,707

Scientific - Min/Metals

\$9.60

Formation and Properties of Delta Iron (Ferrite)  
and Sigma Phase in Austenitic Chromium-Nickel Steels.  
Part I., by H. Buchholz, H. Krachter, F. Kraemer.

GERMAN, per, Archiv für Eisenhüttenwesen, Vol XIV,  
No 3-4, 1953, pp 113-119.

Butcher Tr 3150

Scientific - Minerals/Metals

Nov 53 CTS

7280

Price \$9.80

Formation and Properties of Delta Iron (Ferrite) and  
Sigma Phase in Austenitic Chromium-Nickel Steels, Part  
XI, by H. Buchholz, H. Krachter, P. Kraemer

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXIV, No 3-4,  
1953, pp 119-125.

Brutcher Tr 3151



Effect of Residual Stresses Upon Bending Fatigue  
Strength, by H. Buhler, H. Buchholts.

GERMAN, per, Stahl Und Eisen, Vol LIII, No 51, 1933,  
p 1330-1332.

Brutcher Tr No 53

Scientific - Min/Metals

\$4.80

16,711

Artifacts of Decidation on Mechanical Properties of  
Steel, Especially at Elevated Temperatures, by  
H. Buchholz.

GERMAN, per, Stahl Und Eisen, Vol LIX, 1939.

Brutcher Tr No 816

16,708

Properties of Continuously Cast Alloy Steels, by  
H. Buchholz, E. K. Speith, F. Rapatz.

GERMAN, per, Stahl und Eisen, Vol LXX, No 24, 1950,  
pp 1106-1108.

Brutcher Tr  
~~XXXXXXXX~~  
No 2900

20,903

Scientific - Min/Metals

Jan 55 CTB/DEX

Causes of Fine Surface ~~DEFECTS~~ Defects in the Hot  
Working of Plain Carbon Steel, by H. Buchholz, R.  
Fuech

Full translation.

GZUMAN, per, Stahl und Eisen, Vol LXXIII, No 4, 1953,  
pp 207-212.

Brutcher Tr No 3100

Jul 53 CTS/DEX  
Scientific - Minerals/Metals Price \$10.80

3499

Behaviour and Boring Activity of the Larva  
of Lyctus Brunneus Stephens, by H. Schmidt,  
G. Buchholz.  
GERMAN, per, Holzforchung und Holzverwertung,  
Vol 16, No 3, 1964, pp 46-49.  
CSIRO, No. 7215

*G. Buchholz*

Sci  
J 1 67

334,271

On Electric Currents Induced by the Geomagnetic  
Field in Moving River Water, by H. Buchholz, 45 pp.

GOPMAN, per, Archiv fur Elektrotechnik, Vol XLIV,  
No 1, 1958, pp 12-31.

SLA 60-10976

S-1

OTS, Vol III, No 7

133,051

Nov 60

Coaxial Cables With Lengthwise Layered Dielectric  
as Band Elimination Filters in the Range of Meter  
Waves and Below, by H. Buchholz, 76 pp.

GERMAN, per, Elek Nachr Tech, Vol XVI, No 10,  
Oct 1939, pp 258-273.

SLA Tr 57-961

Sci - Electricity

52, 357

Sep 57

Coupled Radiation Fields in the Hollow Conducting  
Cylinder of Circular Cross-Section, by H.  
Buchholz, 91 pp.

GERMAN, per, Ann. Phys., Vol XXXIX, No 2,  
1947, pp 81-128.

S.L.A. Tr No 57-11

Sci - Physics  
Apr 57

46,913



27

**State and Economic Leadership of Communism and  
Fy. Ivan Jilinskiy, by G. J. Jilinskiy, G. Jilinskiy,  
GILINSKIY, JILINSKIY, JILINSKIY, Vol. LIZINSKY, 1944,  
pp. 24-41,  
May 1953**

**Sci - Magr  
Sep 64**

**247,000**

Buchholz, Herbert and Pasch, Richard.  
 CONTRIBUTION TO TRANSCRYSTALLINE STRESS  
 FRACTURE CORROSION OF STEEL. (Beitrag zur  
 Transkristallinen Spannungsrisskorrosion von Stahl).  
 [1963] [34p] (foreign text included) refs  
 Order from SLA \$3.60 63-20155

Trans. of Stahl und Eisen (Germany) 1942, v. 62,  
 no. 2, p. 21-70 (Verein Deutscher Eisenhüttenleute,  
 Bericht-560).

DISC #271 630 \*Steel, \*Corrosion, \*Hydrocyanic  
 acids, Fracture (Mechanics), Stress, Crystals,  
 Corrosion inhibitors, Aluminum coatings, Zinc  
 coatings, \*Gas cylinders.

An investigation was made of hydrocyanic acid as an  
 essential cause of transcrystalline stress fracture  
 in steel specimens in bottles. Research on the  
 influence of the concentration and time of action of  
 the acid on the fracture process.

63-20155

I. Buchholz, H.  
 II. Pasch, R.  
 III. Versta. . . Bericht-560

6

Influence of Tempering Temperature and Duration  
Upon the Residual Stresses in the Heat Treatment,  
of Steel, by Herbert Buchholz, Hans Buhler, 8 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen, 1932,  
Vol VI, No 6, pp 247-251.

SLA 59-20597

Sci  
Mar 60  
Vol 3, No 1

110,996

Residual stresses in Heat Treated Hollow Steel  
Cylinders, by Herbert Buchholz, Hans Buhler, 12 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen, 1933,  
Vol VII, No 5, pp 315-317.

SLA 59-20591

Sci  
Mar 60  
Vol 3, No 1

110,998

Residual Stresses in the Heat-Treatment of Steel  
by Hans Buhler, Herbert Buchholz, Ernest Hermann  
Schulz, 11 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen, 1932.  
Vol V, No 8, pp 413-418.

SLA 59-20595

Bei  
Mar 60  
Vol 3, No 1

118,000

**Integral and Series Representations for the Various  
Wave Types of Mathematical Physics in Coordinates  
of the Paraboloid of Revolution, by Herbert  
Bachhois, 33 pp.**

*Jan*  
**GERMAN, par, Zeitschrift-Fur Physik, Vol CXXIV,  
1947-1948, pp 196-214. CIA D 151230**

*Am. Mem. 275*  
**Air Res and  
Dev Command**

**Scientific - Physics**

*22,275*

**OSB 66/Mar 1955**

Effect on Stresses in Circular Bars on the  
Reduction in Area Due to Cold Drawing, by  
Hans Buhler, Herbert Buchholz, 9 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen,  
1934, Vol VII, No 7, pp 427-430.

SLA 59-20593

Bc1  
Apr 60  
Vol III, No 2

113,592

New Discoveries in the Field of Sex Hormone Research  
and Their Significance for Praxis, by R. Schöbel,  
15 pp.

WITTMAN, pcr, Geburtshilfe und Frauenheilkunde,  
Vol XVII, Jul 1957, pp 581-591.

NIH Tr 3-50

Sci - Medicine

Apr 58

62 106



The Buchholz-Protective System and Its Application,  
by Von Max Buchholz.

GERMAN, per, Elektrotechnische Zeitschrift, Vol XLIX  
1928, pp 1257-1262.

AEC Tr 483

16,712

Scientific - Electricity

June 1951 CTS

Stereoscopic Exploitation of Super Wide-Angle  
Aerial Photos, by A. Buchhopf.

GERMAN, brochure, Photogrammetria, Vol XVIII,  
No 1, 1961-1962, pp 15-33.

ERIL, Ft Belvoir T-1629

Sci - Phys  
Jan 63

220,728

63-18827

65cm, Alt:ed.  
 TURBINE ROTOR ELEMENT, IN PARTICULAR FOR  
 GAS TURBINE: (Elemento di Girante di Turbina, in  
 Particolare per Turbine a Gas). [1963] [199] (foreign  
 text included).  
 Order from OTS or SIA \$1.60 63-18827

Trans. of Italian patent 440,655, cl. Va, filed  
 13 Aug 47, granted 16 Oct 48 (priority: appl.  
 no. 14,472, 13 Aug 46, Switzerland).

DESCRIPTORS: \*Gas turbine rotors, \*Rotor blades  
 (Turbomachinery), Diffusers, Turbine parts, Design,  
 Fluid mechanics.

The invention relates to a special conformation of  
 turbine sections having a diffuser on the exhaust side,  
 in particular for gas turbines. Such special conforma-  
 tion consists in that the baffle blading and walls of the  
 (Machinery-Engines, TT, v. 10, no. 12) (over)

- I. Bsch. A.
- II. Patent (Italy) 440 655
- III. Patent application  
 (Switzerland) 14 472

Office of Technical Services

turbine on the exhaust and intake sides of the rotor are so shaped and oriented that the fluid under pressure passes through the blading of the rotor in radio-axial direction at an angle to the centerline of the turbine. the following diffuser, at least in the vicinity of the rotor blading, having its inside and outside and outside walls diverging so that their axis of symmetry coincides with the centerline of the turbine. (Author)

Pg.

63-18827

Gas Turbine Driven Machines, by Alfred Buchi.

GERMAN, Patent No 310946, Schweizerische Eidgenossen-  
schaft, Eidgenossisches Amt fuer Geistiges Eigentum,  
14 Jan 1956.

Navy Tr 1492/BuShips 635

10 260

A New  $^{32}\text{P}$ -Labelled Radiocolloid, by B. Bollor,  
G. Buchi, et al, 15 pp.  
ITALIAN, per, Minerva Nucleare, Vol VII, No 6,  
1963, pp 237-243. 9222188  
AEC-NP-Tr-1112

Sci-Nucl Sci  
May 64

259,712

27  
35  
A New Method for the Preparation of Colloidal Chromatic  
Phosphate. Study of the Mechanism of Formation and  
Biological Behaviour, by B. Bellon, G. Buchi, et al,  
36 pp.  
ITALIAN, per, Minkva Nucleare, Vol VI, 1962,  
pp 199-208.  
AEC-NP-Tr-1089

Sci-Chem  
Mar 64

252,984

... Chemistry and Technology, by Yu. I.  
... Buchikhin, V. V. Alekseyeva.

SIAN, Ek, Istiti, Yego Khimiya i Tekhnologiya,

AEC TR-4910

. Class  
62  
66

196, 032



BOCHIN, H. W.

RUSSIAN

Бюллетень, Из Ак Намк,  
ВВ.В. Ордол Телх Намк,  
No 6, 1968,

In the Institute of  
Machine Studies, 4 pp.

Scientific-Engineering  
Machine Studies,  
Moscow

Friction and Wear in Machines -- Symposium II, by  
A. K. Dyachkov, A. M. Ertel, M. P. Valarovich, V. L.  
Waidman, M. N. Dushin, L. V. Elin, P. I., Kokhanovskiy,  
T. V. Vasil'yeva, P. E. Dynchenko, 124 pp.

RUSSIAN. Acad of Sci, Inst of Machine Studies, 1946.

ATIC F-ES-6480

Sci - Engr

16,713

Sep 50 CTS

On Certain Couples of Closed Laplace Sequences of  
period Four in Ordinary Space, by Su Shchin, 49 pp.

CHINESE, Ser, Acta Math Sinica, Vol XIV, No 1,  
1970, pp 191-198.

Acta Math Soc

Sci

Sci

Sci, 1970

Forty Years of Fasting Therapy, by Otto  
Buchinger, Sr., 5 pp.

GERMAN, per, Hippokrates, Vol XXX, 1959,  
pp 246-248.

SLA 60 16928

*195, 465*

Sci

May 62

Variations in the Climate of the Ukraine and  
Solar Activity, by I. Bichinskii.  
RUSSIAN, per, Solnechnye Dniys, No 11, 1963,  
pp. 71-76.  
C.I.R.O./No. 7437

*I. Bichinskii*

Sci -  
Jul 67

334,814

The Great Plains of the Russian Plain, p. 1. 4.  
Leningrad.

RUSSIAN, 1st, 2nd edition, 1957, pp 141.

NLI M. 10, 1

101

101

(DC-4544)

Conference on the Field of Helio-geophysics, by  
I. Ye. Buchinskiy, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, No 8, 1960,  
pp 1287, 1288.

JPRS 6295

Geophy

Dec 60

1344-5

The Natural Resources of the Ukrainian SSR and Ways  
of Using Them Rationally, by B. G. Bondarchuk, I. Ye.  
Buchinsky, A. T. Dibrova, 23 pp.

RUSSIAN, per.

Soviet Geography  
Amer Geograph Soc  
Vol II, No 1

USSR

Geog Econ

May 61

150,282



Double Diazonium Salts of Thallium, by L. A. Kazitsyna,  
O. A. Reutov, Z. P. Buchkovskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,  
pp 1008-1012.

CB

Sci -  
Apr 61

147,593

Infra-red Absorption Spectra of Diazonium  
Double Salts, by I. A. Kasitsyna, O. A. Reutov,  
Z. F. Buchkovskiy, 2 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 4,  
1960, pp 850-856.

Cleaver Hime Press

Sci  
Feb 61

140, 668

Investigations on the Binder of Sand Limes  
Blocks, by K. Buchler.

1958, par, Tonindustrie-Zeitung,  
LXXVIII, No 16, 1959, pp 377-387.

CSIRO 5013

Sci - Engr  
Jul 62

207.626

... (of your Banking Vessel), by Horitz Eichler;  
2 pp.

GERMAN, Austrian, Patent No 99,179.

US Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Engineering  
Nov 53

76,602

F-1103-D  
The Color Reaction of O, O-Dimethyl-2,  
O-Dichlorovinylphosphate (DDVP) with Resorcin,  
by ■ M. Buchler, G. Isler.  
HEMAN, rpt, Colorimetrische ■ Bestimmung von  
Dimethyldichlorvinylphosphate, No 126, pp 421-424.

\*JPRS/USDA

1-11-63  
100

Further Investigation of Resonance Charge Exchange  
of Positive Cesium Ions, by R. H. Kushair,  
I. M. Bushan, 3 pp.

Sovietian, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,  
No 8, 1960, pp 989-992.

CIT

Sci

168,912

Sep 61

Buchmann, Franz, Höfert, Manfred, and Rohler,  
Rainer.  
RAPID RESPONSE MEASUREMENT OF DOSE RATE  
IN COMMERCIAL X-RAY APPARATUS. [1961] 6p  
4 refs.  
Order from SIA \$1.10

61-18864

Trans. of Zeitschrift für Angewandte Physik  
(West Germany) 1960, v. 12, no. 8, p. 351-353.

DESCRIPTORS: Dose rate, Measurement. \*X-rays,  
Scintillation counters, \*Radiation instruments.

An apparatus consisting of a chamber, which contains  
a scintillation liquid and which is connected to a  
photomultiplier, is suitable for an approximate dose-  
rate measurement of x-radiation within the range of  
35 to 100 Kv. Inasmuch as the reading is taken with  
an electron beam oscillograph with a minute response  
(Nuclear Physics--Instruments, TT, v. 7, no. 1) (over)

61-18864

I. Buchmann, F.  
II. Höfert, M.  
III. Rohler, R.

184216

Office of Technical Services

Search Tone Analysis With Mechanical Bandpass Filter  
and High Carrier Frequency, by G. Bochmann, 11 pp.

RUSSIAN, per, Abstr. Z., Vol V, No 1, Jan 1940,  
pp 7-10.

S.I.A. Tr No 57-3

Sci - Physics  
Apr 57

46,914



A New Optical Measuring Method for Gramophone  
Plates, by G. Buchmann, E. Meyer, 19 pp.

GERMAN, per, Elek Nachr Tech, Vol VII, No 4,  
1930, p 147.

SIA 57-1469

May 58

64,570

hypophysis and Thyroid in the Individual Cycle of the  
herring, by H. Guchmann, 21 pp.

UNKONN. , rpt, 1940, pp 191-202.

Scottish Home Dept

Sci

Dec 65

Future Crop Harvests With the Aid of Field  
Chaff Cutters, by W. Buchmann, 7 pp.

GERMAN, per, Deutsche Agrartechnik,  
Vol XI, No 6, 1961, pp 256-257.

JFRB 10738

EFur - Germany  
Heon  
Nov 61

174,662

Notch Sensitivity of Steels, by August Thum, Walter  
Buchmann, 20 pp.

GERMAN, per; Archiv für die Eisenhüttenwesen, Vol VII,  
May 1934, pp 627-632.

S.L.A. Tr 548/56

Sci - Minerals/Metals

37,138

Aug 1956

Experiments with *Drosophila Melanogaster* Concerning  
the Influence of Ferrum Oxidatum Saccharatum Liquid  
in Inducing Mutation by X-rays, by Walter Suchmann,  
Ilse Holt, 11 pp. UNCLASSIFIED

GERMAN, per, Biol Zentralblatt, No 57, 1937, pp 355-363.

✓  
Air Res & Dev Command -  
Baltimore, Md.

Scientific - *Biological*

Mar 54 CTS/DEX

10,643

24

The "Super-Blodgers" (Super-80),  
a fully automatic radio fire control  
system, by Fritz W. Buchmiller.  
GPO: 1950, for Soldier and Technician, No. 1,  
1st, 22nd - 24th.  
NOEL J-1400  
ID: A12345

1950-Gen 100  
111  
1950

11,01

Use of Urea as a Fertilizer, by A. Buchner,  
J. Kradel.

GERMAN, per, Zeitschrift fuer Acker- und  
Pflanzenbau, Vol CXIV, 1961, pp 1-22.

GB/39/B

Sci-~~SECRET~~  
Feb 63

223,511

The Effect of Chlorine Ions on the Carbohydrate and  
Nitrogen Economy of the Plant Fed With ~~Am~~ Ammonia  
or With Nitrate, by A. Buchner,

GERMAN, per, Z. fur Pflanzenernahrung Dungun  
Bodenkunde, Vol LVII, No 1, 1952, pp 1-29.

CSIRO/No 5182

Sci  
Jan 63



The Supercooling Capacity of Water and the Linear  
Crystallization Velocity of Ice in Aqueous  
Solutions, by G. Tammann, A. Buchner

GERMAN, por, Z Anorg u Allgem Chem, Vol CCCCXII, 1935,  
pp 371-381.

Nat'l Res Council Canada TT 79

16,324

Scientific - Chemistry

Jul CTS/DEK Price 0.25

Regarding the Action of Argyr Aromatic Diazo  
Linkages Upon  $\alpha$ , by H. Meerwein, E. Buchner,  
K. Van Emster, 51 pp.

GERMAN, unknown.

57-  
SIA 412

Sci - Chem  
Jul 57

49,915

An Approximate Solution of the Ordinary Linear  
Differential Equation of the First Order, by  
H. Buchner

GRUBER, per, Zeitschrift fuer Angewandte Mathematik  
und Mechanik, Vol XXII, No 3, Jun 1942, pp 143-152.

TRAS/TH 9.1941

U.S. GOVERNMENT PRINTING OFFICE: 1941

5511

of Embolism in Traffic Accidents, by  
H. Buchner, W. Schaberl, 13 pp.  
~~FOR OFFICIAL USE ONLY~~

CHUKAN, per, Wiener Medizinische Wochenschrift,  
Vol CIX, No 48, Jul-Dec 1959, pp 930-939.

Navy Tr 3050/MS 662

Sci - Med

Mar 62

183, 722

Purification of Aldehydes and Esters, by O. Rosen,  
K. Dachsner.

~~SECRET~~, Patent No. 879 905, 18 June 1953.  
DEC 69-11004-07A

*Handwritten text, possibly "O. Rosen"*

Sol/Chem  
July 69

306,308

Method for the Recovery of Thorium From Spent  
Catalysts of Carbon-Monoxide - Hydrogenation,  
by Karl Buchner, 2 pp.

GERMAN, German patent no 729,059.

S.L.A. Tr 76

32,759

ESur - Germany  
Scientific - Chemistry

Experimental Contributions to the Etiology<sup>o</sup>  
and Diagnostic Research in the Field of Mal-  
ignant Diseases, Particularly of Lung Cancer,  
by P. Mickint, M. Buchner, 17 pp.

GERMAN, per. Z fur die Gesamte Innere Medizin  
und Ihre Grenzgebiete, Vol X, 15 Oct, 1955,  
pp. 901-907.

K-8-5472-a

243,040

Sci-Med  
Nov 63

Device for Detecting Abnormal Heating of  
Axle Boxes of Rolling Stock, by Michel  
Buchner, Fernand Loy, 10 pp.

FRENCH, Patent No 1,232,431.

Dept of Commerce  
Patent Office  
Sci Lib

Sci - Engr

*168, 145*

Sep 61



Theory of the Permeability of Elastic Film to  
Gases, by R. H. ~~Johnson~~.  
C. R. Acad. Sci., Kanagawa, Vol. 211, No. 6,  
1979, pp. 401-406.  
10-21-79-19

23-1 dyn  
Jul 87

28. 2. 01

Buchner, N. and Schrieker, G.  
APPARATUS FOR MEASURING THE PERMEABILITY  
OF PLASTIC FILMS FOR MOIST GASES. 7 Oct 60  
[28]p. 15 refs.  
Order from SLA \$2.60                      61-16722

Trans. of Kunststoffe (West Germany) 1960, v. 50  
[no. 3] p. 156-162

DESCRIPTORS: Permeability. \*Plastic coatings.  
Moistureproofing. \*Food Containers. Gases. Films.

61-16722

I - Buchner, N.  
II - Schrieker, G.

Office of Technical Services

Buchner, Norbert.  
THE GAS PERMEABILITY OF CELLOPHANE AND  
CELLOPHANE COMBINATION FILMS AT DIFFER-  
ENT RELATIVE HUMIDITIES (Gasdurchlässigkeit  
von Filmen aus Zellophankombinationenfolien)

See also DA 61-12125.

Order from SLA \$2.60

61-16723

Trans. of the Paper (West Germany) 1960, v. 14  
[no. 4] p. 123-130.

Another translation is available from SLA ml \$2.40,  
pb \$3.30 as 60-18063 [1960] 17p.

DESCRIPTORS. \*Plastic films. \*Ethylene. \*Gases.  
Humidity.

The permeability of unlacquered cellophane, cello-  
phane lacquered with nitro cellulose and combination  
films of cellophane/polyethylene was measured for  
different gases within relative humidity range of  
(Materials--Plastics, TT, 61-16723) (over)

61-16723

L. Buchner, N.

Office of Technical Services

Theory of Gas Permeability of Plastic Foils, by  
H. Buchner, 18 pp.

GERMAN, per, ~~in~~ Kunststoffe, Vol XLIX, 1959,  
pp 401-406.

ARC Tr-4309

Sci - Phys  
24 Feb 61

*141,073*

