

61-10528

Schmidt, Hans and Schmidt, Hermann Dietrich.
ELECTROCHEMICAL FLUORINATION. I. THE
ELECTROCHEMICAL FLUORINATION OF IN-
ORGANIC COMPOUNDS; ANODIC FORMATION OF
SULFURY FLUORIDE (Electrochemische Fluorierung.
I. Über die Elektrochemische Fluorierung
Anorganischer Verbindungen; Anodische Bildung von
Sulfurylfluorid). [1960] [14]p. 30 refs.
Order from SLA ml\$2.40, ph\$3.30 61-10528

Trans. of Zeitschrift für Anorg[anische] Chemie
(East Germany) 1955, v. 279, p. 289-299.

The anodic processes are described which are possible
in the electrolysis of fluorine compounds, and an in-
terpretation is given of the anodic processes occurring
during electrolysis in the system H_2O/HF and of the
electrochemical formation of fluorine oxide, based on
existing preparative and electrochemical findings. In
the electrolysis of fluorosulfonic acid in hydrofluoric
acid, sulfuric fluoride is formed in addition to OF_2 at
(Chemistry-Physical, TT, v. 5, no. 7) (over)

1. Electrochemistry
2. Sulfur oxyfluoride
Synthesis
3. Fluorides--Electrochemistry
4. Title: Fluorination
- I. Schmidt, H
- II. Schmidt, H
- III. Title: Electrochemical
fluorination of
- IV. Title: Fluorination

Order from Technical Services

Schmidt, Hans].
SLAG WOOL AND ROCK WOOL AS A UNIVERSAL
SUBSTITUTE MATERIAL.. Rept. no. 33 of the Panel
for the Utilization of Blast-Furnace Slag of the Verein
Deutscher Eisenhüttenleute. [Feb 46] 10p. (6 figs.
omitted) 6 refs.
Order from SLA mi\$1.80, ph\$1.80 60-18205

Trans. of Stahl und Eisen (Germany) 1943, v. 63
[no. 18] p. 360-365.

(Unannounced)

60-18205

1. Insulation--Materials
2. Title: Slag wool
3. Title: Rock wool
- I. Schmidt, H.
- II. Title: Verein.

Office of Technical Services

Schmidt, Hans.

RECENT DEVELOPMENTS IN THE USE OF ALUMINIUM. [1960] 11p. (7 figs. omitted) 13 refs.
Order from SLA mi\$2.40, ph\$3.30 60-18746

Trans. of Aluminium (Germany) 1937, v. 19 [no. 4]
p. 235-243

60-18746

1. Aluminum--Applications
1. Schmidt, H.

Office of Technical Services

(Unannounced)

Primary and Secondary Pulmonary Hypertension,
by Hans Schmidt, 38 pp.

GERMAN, per, Deutsches Archiv f Klin Medizin,
Vol CC, No 6, Dec 1953, pp 837-854.

WIE

Scientific - Medicine

CTS/DEX

13,798

Question of the Toxic Action of DDT in a Man, by
Hans Walter Schmidt, 2 pp.

GERMAN, per, Zbl Allg Path, Vol LXXVIII, No 10/11,
1952, pp 409-411.

CIA/FBI/X-1059

Scientific - Medicine

Aug 53 CTS/DEX

4646

Method for the Production of Alkyl Compounds,
by Herbert Jenkner, Hans Werner Schmidt, 2 p.

GERMAN, patent application K20071 (IV b/120)
29 Aug 57, by Kali Chemie Aktiengesellschaft,

SLA 59-20183

Sci
Mar 60
Vol 2, No 11

109,574

(FDD 22207)

The Strela Sound (Germany) by Harry Schmidt,
Hans-Karl Hacker, 8 pp.

GERMAN, no per, Zeitschrift fuer den Erdkun-
deunterricht, Vol VI, No 6, Berlin, Jun 1954,
pp 190-192.

CIA/FDD/U-6501

EEur - Germany
Geo

13,895

Process of Manufacturing Monomer Organosilicon
Compounds, by Herbert Jenker, Hans Werner Schmidt,
2 pp.

GERMAN, Patent application No K 26,023 IVb/120.

Dept of Commerce
Patent Office
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Sci - Chemistry
Oct 58

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Summary of a report, by SEHRERHOLM Schlichte

GERMAN, np, Die Berliner Stimme, Sep 8, 1960

Rand Corp
RM-3670-PR

REPRODUCTION
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Feb 64

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On the Invariant and Causal Solutions of the
Differential Equations, by Helmut Schmidt, 11 pp.
COMMON, per, Zeitschrift für Physik, Vol 151,
1958, pp 365-374.
Dept of Navy NHC Trans 3060

Helmut Schmidt

Sci/Math
July 70

The Autothermal Cracking of Liquid Hydrocarbons,
by Alfred Schmidt and Herbert Schmidt, et al,
GERMAN, pub. Erdöl und Kohle Erdgas Petrochemie,
Vol XVI, No 9, 1963, pp 848-854.
ACSI 3-8317
ID 2264837066

Sci-Chem
Sept 66

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Ventilation Problems in Radiochemistry, by
Hellmut Schmidt, 16 pp.

GERMANY, FOR, Wiss. Zeitschrift der Hochschule
Mechanikstadt, 9728203, Vol III,
1961, pp. 61-74.

ASC 0001-tr-520

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Sci-Chemistry,
Nov 61

Hellmut Schmidt

The Use of Ultraviolet Light in the Examination
of Bituminous Substances, by Herbert Schmidt.
30 pp.

GERMAN, per, Bitumen, No 1, 1954.

SLA 59-10926

Sci

Dec 59

Vol 2, No 4

102,717

Registration of Nathan Schwartz Agent License
by Film One Distribution Submittings: Fundamentals,
and Pilot Plant Experimentation, by Horst Schmidt,
1966
GROSS, R. W., ~~Submittings~~ ~~and~~ ~~Experimentation~~, vol 13,
1966, no 6, pp 25-32
SIA TR-6-3003

Horst Schmidt

Sci - Eng
May 67

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Reactions of Molten Zinc-Aluminum Alloys With Solid
Iron, by E. Gebhardt, I. Schmidt

GERMAN, per, Zeitschrift fur Metallkunde, Vol XXXIX,
No 11, 1947, pp 321-325.

Brutcher Jr 3128

Scientific - Minerals/Metals

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Price \$6.90

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On the Decomposition of Carboxylic Acids through Water³ /
or Dilute Acids, by J. Schmitt. 9 pp.

Author, per, Z. Elektrochem. Vol 40, No 4, 1934,
pp 170-174.

REF ID: A12874

Electrochem.

sci/cia:
and 70

Catalytic Oxidation of Glucose With the Aid of
Platinum-Metal Compounds, (the Consecutive Process
for the Preparation of Acetaldehyde), by Dr. J.
Schmidt, 23 pp.

GERMAN, per, Angewandte Chemie, 51: received on
14 JUL 1958.

CIA/PTO 7A-640
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
3cp 50

USIA INTERNAL USE ONLY"

95, 96, 97

Problems of Dust Suppression in Mines of the
USSR, by J. Schmidt.

GERMAN, per, Bergbautechnik, Vol XII, No 3,
pp 132-143.

GB/198/L.T.S. 3454

Sci-Misc
July 63

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On Decomposition of Carbides Through Water or
Diluted Acids, by J. Schmidt.

GERMAN, per, Zeit fuer Elektrochemie, Vol 40,
No 4, 1934, pp 170-174.

CHASA TT F-12,874

J. Schmidt

Sci-Chem
Feb 70

The Non-existence of Higher Nickel Carbide, by
J. Schmidt. 53

Zeitschrift für anorganische und allgemeine
Chemie, Vol 216, 1933, pp 85-98.

*NASA-TT-1-12,873

J. Schmidt

Sci/Chem
Mar 70

Effect of the Preparation of Coking
Coal, Including Intermediate Screening,
on the Coke Quality. by J. Schmidt,
H. Engelhard.

GERMAN, per, Bergakademie Freiberg,
Vol. X, No 5/6, 1958, pp 292-300.

CSIRO 4745

Sci - Min/Mat
Jul 62

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Black and White Lowland Cows and Jersey Bulls.
Cross Breeding Experiments and their Evaluation,
by Jonas Schmidt.

GERMAN per, Zuchtungskunde, 1948, Vol XX,
pp 29-39.

USDA per
NC State College

Jun 59

Process for the Production of Powdered Fuel From
Crude Lignite, by Josef Schmidt, 2 pp.

GERMAN, ~~German~~ Patent No 821,335, 4 Oct 1951.

S.L.A. Tr 609/1955

Sci - Engineering; Fuels
Apr 1957 CTS/dex

50, 241

The Non-Existence of a Higher Nickel Carbide,
by Juergen Schmidt. 17 pp.
Chem. Ber., 1933, 66, 85-98.
Vol 216, 1933, pp 85-98.
REF ID: A12,872

Juergen Schmidt
sch/cst
May 70

Organoaluminum Compounds, by Julius Schmidt. 8 pp.
GERMAN, mono, Organo-Metallverbindungen (Organo-
metallic Compounds) Stuttgart, 1934, pp 208-215.
SLA TT-66-16145

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Sci/Chemistry
Jul 66

Julius Schmidt

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Schmidt, K. and others.
ENAMELLED WIRES WITH INSULATION ON AN
IMIDE AND ESTER-IMIDE BASIS. [1964]
Order from TTIS \$33.00 TTIS NS 170

Trans. of [ETZ] Elektrotechn[ische] Z[eitschrift.
Ausgabe] B. [der Elektrotechniker] (West Germany)
1963, v. 15, p. 603-607.

DESCRIPTORS: *Electric wire, *Ceramic coatings,
*Electric insulation, Chemical compounds, Esters.

(Engineering--Electrical, TT, v. 11, no. 8)

TT-64-12511

- I. Schmidt, K.
- II. TTIS-NS-170
- III. Translation and
Technical Information
Services, London
(England)

1378577

Office of Technical Services

WORKING OUT THE 1963 PLAN IN STATE FORESTRY
ENTERPRISES, BY K. SCHMIDTK , 12 PP.

GERMAN, PER, DIE SOZIALISTISCHE FORSTWIRTSCHAFT,
NO 10, OCT 1962, PP 289-292.

JPRS 16236

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NOV 62

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Use of Glass Fibre in Motor Vehicle Construction, by
K.A.F. Schmidt.

GERMAN, per, A.T.Z. Vol 66, No 3, 1964, pp 6-73
GB 93/RLC/ 1223

K.A.F. Schmidt

Sci -

AUG 67

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The ~~Re~~problem of the Interface in Glass-
Fibre Reinforced Synthetic Resins, by
K.A.F. Schmidt.

GERMANY, per, Glastechnische Berichte, Vol XXXII,
No 1, 1964, pp 1-15.
GMBH-015

Apr 67

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Investigation of East Angles by Means
of the Phase-Contrast Microscope, Particularly
with the Use of Numbness Filters, by
K. G. Schmidt, G. Heidermanns,
GEMMUN, par, Stenb, Vol 19, 1979, pp 413-6.
SLA TR-66-10702

K. G. Schmidt

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Sci - Mech
Jul 67

Phase Contrast Microscopy in Dust Technology,
by K. G. Schmidt, 50 pp.

OKMAN, per, Staub, 1955, pp 436-467.

HH 4-29

Sci - Chem

May 59

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High Temperature Microscope for Large Sheet
Specimens and its Application to Some Problems of
Grain Growth., by K.H. Schmidt, R. Hoss.
GERMAN, par, Archiv F. das Eisenhüttenwesen, Vol. 34,
1963, pp 831-837.
GB/41/3565 - 4.58

K H Schmidt

Sci -

July 1967

334-660

Testing of a Magnet-Inductive Testing Device,
Constructed by Dr. Schrip, For Acceptance
Testing of Light Metals, by E. K. O. Schmidt,
H. Muster, pp.

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GERMAN, per, Aluminium, Vol XXV, 1943, pp 110-112.

AEC Tr 1774

5-11-48 TR 605

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Scientific - Minerals/Metals
CIS/DEX

The Demands Made by Synthetic Speech (Vocoder Speech)
and Preformed (Pre-emphasized) Speech on the Channel
Capacity of the Transmission Path, by K. O. Schmidt,
21 pp. UNCL.

UNCL, per, Nachrichtentechnische Zeitschrift (NTZ),
No 6, 1961, pp 279-285.

JPRA/EC-6291
COPYRIGHT

Sci - Electron

Sep 61

167, 467

New Type of Directional Antennas in the DM and
CM Wave Range, by K. O. Schmidt. UNCLASSIFIED

GERMAN, per, Radio Mentor, No 7, Jul 1954,
p 394.

SCIA Tr No 666/A

Scientific - Electronics

Dec: 54 CTS/DEX

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Schmidt, K. O.
SOME OBSERVATIONS CONCERNING SPEECH-
SECURITY EQUIPMENT (Einige Betrachtungen zu
Sprach-Verschlüsselungsanlagen). [1960] 17p. 38 refs.
MDF S-171
Order from MDF \$9.00

Trans. of [NTZ: Nachrichtentechnische Zeitschrift]
(West Germany) 1954 [v. 7] no. 2, p. 57-64.

61-12061

1. Voice communication systems--Equipment
2. Title: Speech secrecy
1. Schmidt, K. O.
- II. MDF S-171
- III. Friedman, Morris D., Inc., West Newton, Mass.

Office of Technical Services

no. 2)

Thermodynamic Investigations of Highly-Loaded Boiler
Heating Surfaces, by K. R. Schmidt,

GERMAN, per, Mitt Ver Grosskesselbesitzer, No 63, 1959,
pp 391-.

AEC Tr-4033

Sci - Chem

May 60

117,380

Thermal Investigations of Highly Loaded Roller
Nose-Transfer Surfaces, by R. E. Reynolds,
16 pp.

~~SECRET~~
CHEMAN, par, Vortagung der Grosskonferenz
Mitteilungen, No 63, 1959. pp 391-401.

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Sci
Vol IV, No 7
Apr 62

Heat Transfer in Steam Boilers, by K.R.
Schmidt.

GERMAN, per. Mitt. Verein Grosskesselbesitzer.
No. 99: 1965, PP 398-409
SEC

K P Schmidt

Sci -
Aug 67

337-423

Trainer Investigation for the National Extraction
Capacity of the Bundeswehr, 17 E. O. Brittain,
K. H. Schmidt, 1719
GROSS, per, Investigations der Bundeswehr
Bundeswehr, 1974, 15 92, 19 92-93
1719-1720-1721

K. H. Schmidt

Del - HOG
June 67

39,479

A. Average Progressive Normatives of the
Hungarian Railway Traffic, by L. F. Jurcsenko;
B. Some Conditions of Applying of Run-Up
With Heavy Trains, by Karel Schmidt, 37 pp.
(AF 636362) UNCLASSIFIED

HUNGARIAN, per, Kozlekedestudomány i Szemle,
No 4, Apr 1954, Budapest, pp 122-130; 136-141,
Encl 3 to IR-958-74, AA, Hungary.

G-2, GJUBA En G-4519

REUR - Hungary
Economic -

Jan 55 CTS

24,983

TT-64-10327

I. Schmidt, K.
II. Title: International...

Schmidt, Karl.
INVESTIGATIONS OF THE RATE OF HEAT
TRANSFER FROM CARBON DIOXIDE IN THE
CRITICAL REGION TO A TUBE WALL (Unter-
suchungen über die Wärmeübergangszahl von
Kohlendioxid im kritischen Gebiet an eine Rohrwand).
[1963] [30p] 13refs
Order from SLA \$4.60

TT-64-10327

Trans. of mono. Congrès International du Froid
(International Congress of Refrigeration) (no. 7) [The
Hague/Amsterdam] 1936. [Proceedings] v. 3/4,
p. 67-94.

DESCRIPTORS: *Heat transfer, Carbon dioxide,
Surface area, Pipes, Refrigeration systems, Test
methods, Test equipment, Tests.

(Physics--Thermodynamics, TT, v. 11, no. 10)

280542

Office of Technical Services

SCHMIDT, Kurt

Brief Report of the
History of the Develop-
ment Which Led From the TA
I to the TA II, Describing
the Advantages of the TA II
over the TA I (Torpedo)

Military-Weapons
Torpedoes

Germany

German

FDD U-95/48, 8 pp.

A10516

Schmidt, Kurt.

GLASS TANKS AND THROATS (Wannenbecken und Durchlass von Glasschmelzöfen). Paper presented at HVG Colloquium on Glass Melting Furnaces, Frankfurt a. M., 23 Oct 58. [1962] [17]p. (foreign text included). Order from SLA \$1.60 62-10944

Trans. of Glastechnische Berichte (West Germany) 1959, v. 32, no. 6, p. 217-221.

DESCRIPTORS: *Glass, *Melting, Tanks, Oil-burning furnaces, Fuel consumption, Operation, Construction.

The influence of the length-width ratio, of the bath depth and of the throat construction on the operating behavior of various types of tanks is discussed on the basis of practical experiences. Standard dimensions have been developed in the course of time and proved expedient. Operating data of various tanks and the dimensions of the throats used are given on the basis of several examples. (Author)

62-10944

I. Schmidt, K.

II. Title: HVG Colloquium ...

C222773

(Materials--Ceramics, TT,
v. 8, no. 6)

Office of Technical Services

Schmidt, Kurt.

DECAY AND MECHANISM OF GAS LUMINESCENCE
USING EXCITATION BY FAST ELECTRONS

(Abklingung und Mechanismus der Lumineszenz von
Gasen bei Anregung durch Schnelle Elektronen). [1962]
[29]p. (foreign text included) 19 refs.

Order from SLA \$2.60

62-16024

Trans. of Zeitschrift für Naturforschung (West
Germany) 1956, v. 11a [no. 12] p. 1023-1030.

DESCRIPTORS: *Gases, *Luminescence, Excitation,
Electrons, *Electron bombardment, Pressure,
Spectrographic analysis.

The mechanism of excitation and quenching is investi-
gated for gases (N₂, O₂, H₂, CO₂, Ne, Xe, Ar/N₂,
He/Ne, and mixtures of all gases with N₂) bombarded
by fast electrons (50 kev) at high pressure (up to 700
torr). Measurements were made primarily of spectra
(Chemistry-Physical, TT, v. 8, no. 6) (over)

62-16024

I. Schmidt, K.

C222839

Office of Technical Services

no

61-18638

- I. Schmidt, K. A. F.
- II. Kresge-Hooker Science Library, Detroit, Mich.

Schmidt, Kurt A. F.
FIBERGLASS AS A REINFORCING AGENT FOR RUBBER AND THERMOPLASTIC SYNTHETICS (Glasseeide als Verstärkungsmittel für Kautschuk und Thermoplastische Kunststoffe). [1961] 14p. 30 refs.

Order from SLA \$1.60

61-18638

Trans. of Kautschuk und Gummi (Germany) 1959, v. 12, no. 10, p. 298-302.

Another trans. is available from SLA mi\$2.40, ph\$3.30 as 60-16589 [1960] [11]p.

DESCRIPTORS: *Glass textiles, *Plastics, *Synthetic rubber, Synthetic fibers, Physical properties, Temperature factors, Stresses, Binders.

A survey.

(Materials--Ceramics, TT, v. 6, no. 10)

Office of Technical Services

Investigations On Klemenc's "Red Coal". 1 and
2, by L. Schmidt and others.

GERMAN, par, Zeitschrift Fur Anorganische Und Allgem-
eine Chemie, Vol CCXCII, 1955, pp 242-252, 246-261.

CSIRO Tr 4244

Oct. 62

TT-62-28533

Schmidt, L.
RECHERCHES EFFECTUEES EN 1959 SUR LES MICRO-
ORGANISMES PATHOGENES DES CHENILLES DE
BOMBYX DISPARATE (Research Executed in 1959 on
Pathogenic Micro-Organisms of Bombyx Disparate
Caterpillars), 12p. CNRS XXXIX 4,
Order from OCS, ETC or CNRS \$0.80 TT-62-28533

I. Schmidt, L.
II. CNRS-XXXIX 4
III. Centre National de la Recherche
Scientifique, Paris

Trans. in French of Zastita Bilja (Yugoslavia), 1959,
v. 50, p. 45-51.

DESCRIPTORS: *Lepidoptera, Communicable diseases,
Bacteria, Intestines, Insecticides, *Microorganisms.

(Biological Sciences--Microbiology, TT, v. 11, no. 7)

Office of Technical Services
European Translations Centre

Mass-Produced Photoelectron Multipliers, by
P. Goerlich, L. Schmidt, 12 pp.

Full tr

GERMAN, per, Nachrichten Technik, Vol V, No 7,
Jul 1955, pp 306-309.

36,175
ATIC F-TS-2808/V

Scientific - Electronics
Jun 56 GIB/dex

Investigations concerning the Effect of Sodium
on Spinach and Tomatoes, by Lothar Schmidt, 33 pp.

GERMAN, per, "untersuchungen uber den Einfluß des
Natriums bei Spinat und Tomaten"

Dept of Modern Languages
North Carolina State College

Sci
Feb 63

Photo-elastic Tests on Models for Determining the
Effects of Coal Extrusion, by P. Hilbig, M. Schmidt.
GERMAN, per, Gluckauf, 1961, pp 30-34.
GB/198/L.T.S. 3587

Sci - Fuels
Apr 64

253,359

Vulcanization of Silicons, by M. Schmidt,
M. Wieber, 6 pp.

CZECH, per, Chemické Listy, Vol LVI, No 3,
1962, pp 286-288. 9678107

FTD-TT-62-739

Sci - Chem
Sep 62

211, 089

Hard Chromium Plating, A Method for Repairing Worn
Machine Parts, by M. Schmidt, 6 p.

GERMAN, per, Maschinenschaden, 1939, Vol XVI,
No 4, pp 54-58.

SLA 59-20901

Sci
Mar 60
Vol 3, No 1

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Ritaline, a Central Stimulant with new Chemical Constitution. Part 2. Improvement in Mental Capacity and Psychic Effect Produced by Ritaline, by A. Dressdo, M. Schmidt, 6 pp.

GERMAN
German, per, Med. Monatschr., Vol VIII, June 1954,
pp 393-395 395.

S.I.A. Tr 40/1956

Scientific - Medicine

33 154

SCHMIDT, M.
JUNGHIRH, O.

ARCHIV EISENHUTTENWESEN, 1932

High temperature resistant chromium steels.

Brutcher #691, \$4.90

A 4612

~~SCHMIDT~~, M.
JUNGWIRTH, O.

Hot Shortness of Austenitic Steels.

ARCHIV EISENHUTTENWESEN, vol 6, 1932-3; No 12,
pp 559-562; 2800 words.

Brutcher No 923, \$ 5.60

SCHMIDT, M.

Archiv Eisenhüttenwesen, vol. 11, 9 figures,
1 table, 950-word abstract; 1938

Effect of Reduction by Forging and Heat Treatment
on Endurance Limit of Different Alloy Structural
Steels.

Butcher Trans, Order No. 809, 1.20.

P 105 17

Rataline, a Central Stimulant With New Chemical
Constitution. Part I. Studies on the Circulation,
by A. Drassdo, M. Schmidt, 11 pp.

GERMAN, per, Med Monatschr, Vol VIII, May 1954,
pp 306-310.

SIA Tr 2389

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Sci - Medicine; Chemistry
Sep 57

Contributions to Breeding Research in Apples. II.
Morphological-Pomological Studies of F₁-Seedlings
From the Crossing of a Domestic Variety With
Malus Niedzwetzkiana, by M. Schmidt, 13 pp.

GERMAN, per, Züchter, Vol XXIII, No 10/11,
1952, pp 327-334.

SIA Tr 2069

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Sci - Biol
Jul 57

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SOL. Solutions, by M. Schmidt, I. Wilhelm.
CHEM. rev, ~~Chemische Berichte~~, Vol 97, No 3,
1964, pp 872-873.
4483 2796

M. Schmidt

Sci - Chemistry

(NY-6034)

Tasks of the Deutsche Notenbank, by Martin Schmidt,
24 pp.

GERMAN, per, Deutsche Finanzwirtschaft, Vol XV,
No 1, 1961, pp 3-8.

JPRS 9346

EEur - Germany

158, 066

Econ

Jun 61

Contribution to the Study of Apple Breeding. Phenological and Genetic Studies on the Heredity of Apple Varieties, by Martin Schmidt, 8 pp.

Full translation.

GERMAN, per, Der Zuchter, Vol XVII/XVIII, 1947, pp 161-223.

S.L.A.

Scientific - Biological

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Aug 55

Further Communication on a Previously Described
Case of Multiple Chimera Formation Described
~~Case of Multiple Chimera Formation in the~~
Apple, by Martin Schmidt, 4 pp.

GERMAN, per, Der Zuchter, Vol XXIV, 1954,
pp 305-306.

S.L.A. Tr 784/1956

39,828

Sci - Biology
Oct 56 CFS

"A Case of Multiple Chimera Formation in the Apple",
by Martin Schmidt, 6 pp.

Full translation.

GERMAN, per, Der Zuechter, Vol XIV, 1942, pp 112-117.

S.L.A.

Scientific - Biological

27,274

Aug 55

Schmidt, Max.

ACIDS OF SULFUR. III. ANHYDROUS POLYTHIONIC ACIDS (SULFANE DISULFONIC ACIDS) $H_2S_3O_6$, $H_2S_4O_6$, $H_2S_5O_6$, $H_2S_6O_6$, AND $H_2S_7O_6$: PREPARATION OF SOLUTIONS AND SALTS OF OCTATHIONIC ACID, DECATHIONIC ACID AND DODECATHIONIC ACID. [1962] 29p. 3 refs.

Order from SLA \$2.60

62-14449

Trans. of Zeitschrift für Anorganische Chemie (East Germany) 1957, v. 289 (no. 1/4) p. 175-192.

DESCRIPTORS: *Sulfur, Acids, *Sulfonic acids, *Thiols, Preparation, Sulfites, Iodine.

The discovery of the sulfane monosulfonic acids, $H_2S_xO_3$, disclosed two new methods which may be applied to the polythionic acids: (1) the sulfane monosulfonic acids react directly with SO_3 forming the anhydrous polythionic acids: $H_2S_{x-1}O_3 \cdot SO_3 \rightarrow H_2S_xO_6$; (Chemistry--Inorganic, TT, v. 8, no. 9) (over)

62-14449

- I. Schmidt, M.
- II. Title: Anhydrous ...
- III. Title: Preparation ...

(225910)

Office of Technical Services

Identification of Bromine Derivates of Aluminum
Hydrogen AlHBr_2 (Monobromo alane AlH_2Br and dibromo
alane AlHBr_2), by Egon Wiberg, Max Schmidt, 2 pp.

UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol IVb,
1951, pp 459-460.

Navy Tr: 830/ONI 1234

Scientific - Chemistry

Nov 53 CTS 7209

Identification of Chlorine Derivates of Aluminum
Hydrogen AlH_3 , by Egon Wiberg, Max Schmidt, 3 pp.

UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol IVb,
1951, pp 460-461.

Navy Tr 881/ONI 1235

Scientific - Chemistry

Nov 53 CTS

7210

Identification of Iodine Derivates of Aluminum
Hydrogen AlH_3 (Monoiodo alane AlH_2I and diiodo alane
 AlH_2I_2), by Egon Wiberg and Max Schmidt, 2 pp.

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GERMAN, per Zeitschrift der Naturforschung, Vol VII,
1951, pp 458-459.

Navy Tr. 879/ONI 1233

Scientific - Chemistry

Nov 53 CTS

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