

Schäfer, Harald.

REMARKS ON FORMATION OF HIGHER SILICON
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Entstehung Höhermolekularer Siliciumchloride im
Abstreckrohr). [1961] [c]p. 12 refs.
Order from SLA \$1.10 61-20532

61-20532

I. Schafer, H.

Trans. of Z[e]l[tachr]ift f[ür] Anorg[anische] Chemie
(East Germany) 1953, v. 274, p. 265-270.

DESCRIPTORS: *Silicon compounds, *Chlorides,
Molecular weight, Synthesis, Thermodynamics,
Gases, *Cooling.

The mechanism of formation of higher-molecular-
weight silicon chlorides upon synthesis in a suddenly
cooled tube is discussed. It is made plausible that
chlorides Si_nCl_{2n+2} are formed because the thermo-
dynamically stable chief constituents of the gaseous
(Chemistry--Physical, TT, v. 7, no. 7) (over)

Office of Technical Services

Removal of Oxygen from Solutions With Oxidation-
Reduction Resins, by G. Manecke.

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pp 613-615.

SLA 57-2911
RAE Farnborough Tr 675

Sci - Chem
Mar 58

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The Development of the Micro-balance Since
1880, by K. Schmidt,
GERMAN, por, Zeitschrift fur Angewandte Physik,
Vol 8, No 9, 1956, pp 453-472.
ANNA TT F-11,159

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Sci-Phys

REV 67

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Thermochromic, Piezochromic, Photochromic,
and Photomagnetic Phenomena, by G. Kortum,
17 pp,

GERMAN, per, ²Angew Chem, Vol LXX, 1958, pp
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CIA/PDD XX-531
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Sci - Chem
Oct 58

IAC INTERNAL USE ONLY

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Polarography in Heterogeneous Solutions, by
V. Gutmann, G. Schober, 20 pp.

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98-104.

ABC 3354

Sc2 - Chem

Oct 58

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The Interference Effect in the Mass Spectrometer
Ion Source, by Rolf Tautbert, 27 pp.

GERMAN, pt. 7 Anal Chem, Vol CXXIV, 1958,
pp 164-181.

ABC Tr-4562

Sci
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Quantitative Analysis of Sodium Sulfate, Sodium
Sulfite, Sodium Thiosulfate, Sodium Sulfide and
Sodium Polysulfide (Na_2S_2), Sodium Oxide, and
Sodium Carbonate in Coexistence, by Werner Sack.
GERMAN, per, Zeitschrift für Angewandte Chemie,
Vol 131, 1950, pp 199-206. P911144166
AEC AL-tr 223

Sci/Chemistry
Jan 67

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English Title Unknown, by Th. Volker.
GERMAN, per, Zeit fur Angewandte Chemie, Vol 72,
No 11, 1960, pp 379-384.
*NASA TT F-12,014

Nov 68

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Ross, Erich and Moser, Erich.
THE TEMPERATURE-DEPENDENCE OF THE
INITIAL PERMEABILITY IN HIGHLY PERMEABLE
MANGANESE-ZINC-FERRITES. [1961] 8p. (Foot-
notes 9 figs. omitted).
Order from SLA \$1. 10 62-10325

I. Ross, E.
II. Moser, E.

Trans. of Zeitschrift (für) Angewandte (West
Germany) 1961, v. 13, no. 3, p. 247-250.

DESCRIPTORS: *Manganese compounds, *Spinels,
*Ferrites, Permeability, Temperature, Manufac-
turing methods, Minerals, Zinc.

201327

In highly permeable manganese-zinc ferrites we find
frequently, in addition to the maximum of the initial
permeability, close to the Curie-temperature, sec-
ondary maximum for reasons which are still un-
known. These maxima move with increasing zinc-
(Chemistry--Physical, TT, v. 7, no. 8) (Over)

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From a Mosquito Field Station, by Fritz Eckstein, 9 pp.
GERMAN, per, Zeit für Angewandte Entomologie, Vol VI,
No 2, 1920, pp 343-348.

NIH 1-19-64

Sci-Biol & Med Sci
March 64

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On the Biology and Morphology of *Pimpla*
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by N. P. Meier.

GERMAN, per, Z. Angew Entomologie, Vol XI,
No 2, 1925, pp 203-215.

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Sci

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About the Capability of Differentiating Atmospheric
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Anopheles Maculipennis (Atroparvus, Messasi, Typicus)
Occurring in Germany, at Different Atmospheric Humidities,
by A. Hundertmark, 18 pp.
GERMAN, per, Zeitschrift für Angewandte Entomologie,
Vol XXV, No 1, 1938, pp 125-141.

NIH 12-17-63

Sci - Earth & Sci & Astron
Feb 64

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Contributions to the Knowledge Regarding Lachnus Pterochlorus

Roboris L one of the Important Honeydew Producers on the
Oak, by E. Michel.

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NRC/Ref C-3995

Sci -
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Investigation of the Population Dynamics of the
Oak Leaf Roller by G. Schutte.

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Vol XL, No 1, pp 1-36 and No 3, 1951, pp 285-331

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Statistical Methods to Investigate Population^s
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GERMAN, per, Zeit für Angew. Ent., Vol XXVI, No 3,
pp 241-282, No 4, pp 423-461, 1954

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Sci - Bio

May 60

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A Contribution to the Knowledge of the Biology
of *Spethius Exorator* L., by R. Lyngbæk. UNCL

GERMAN, per, *Z Angew Ent*, Vol XXXVIII, No 1,
1955, pp 73-81.

DSIR/36351/CT

Sci - Biol, zoology
Nov 59

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(ORNL-tr-2528) INTERACTIONS BETWEEN
PLANT-SUCKING INSECTS AND THE PLANT TISSUES SUCKED
BY THEM. Kloft, Werner. Translated for Oak Ridge Na-
tional Lab., Tenn., from *Z. Angew. Entomol.*; 46: No. 1, 42-
70(1960). 39p. Dep. NTIS.

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Advances in our Knowledge of Wood Boring
Insects and in the Field of Timber Protection,
by G. Becker.

GERMAN. per, Zeitschrift fuer angewandte
Entomologie, Vol. 50, No. 1, 1963, pp 17-31
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Sci -
Aug 67

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Respiration of Hylotrupes bajulus L. Larvae under
Various Conditions, by G. Becher, K. Dadaschke.
GERMANY, Ger. Zeitschrift für Angewandte Entomologie,
Vol 51, No 4, 1963, pp 34-323
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Sci 7
Aug 67

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**Relationship Between Moisture Content of Stored Products,
Atmospheric Humidity and Mite Infestation, by W. Knülle.
GERMAN, per, Zeitschrift fuer Angewandte Entomologie,
Vol LI, No 3, 1963, pp 300-312.**

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Sci - Biol

Feb 64

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Transport of Fungus Flora by the Bark Beetle Ips
laevigatus Gyll. A Contribution to the Knowledge
of Epid-Symbiosis, by H. Francke-Grosch. nn.
GERMAN, For, Z. Angew Entomol, Vol 52, 1963, PP
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Sci -
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Vol CXQ, 1957, pp 211-225.

NIH 3-28-60

Sci - Med

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The Pangean Ridge. A Petroleum Myth, by Prof Doc
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EUR - Germany
Sci - Geophysics, geology

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GERMAN, per, ~~Z. fuer Angewandte Geologie~~,
Vol II, No 1, 1956, pp 39-44.

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The Use of the Bio-Geo-Chemical Method in
Prospecting and Exploration of Copper Molybdenum
Ores, by D. P. Maljuda.

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1959, Vol V, No 7, pp 304-305.

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Results of the Search for Barite in the Area
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H. Bolduan, and others.

GERMAN, per, Zeitschrift fuer Angew Geol,
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Methods of Engineering-Geological Mapping in
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Sci - Engr
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Krüger, Peter.
SEDIMENTARY FLOURITE: A SOURCE OF DANGER
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OVERLOOKED UNTIL NOW. [1963] Sp. 5 refs.
Order from SLA \$1.10 63-16551

I. Krüger, P.

Trans. of Zeitschrift für Angewandte Geologie (East
Germany) 1962, v. 8, p. 400-401.

DESCRIPTORS: *Fluorspar, *Dolomites, Separation,
Petrology, Geochemistry, *Economic geology.

Topics include: Petrography of sheet dolomite from
Caaschwitz; occurrence of sedimentary flourite;
genesis of flourite; and, the industrial importance of
sedimentary flourite.

(Earth Sciences--Mineralogy, TT, v. 10, no. 6)

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TT-64-14012

Chernikov, O. A. and Kauter, K.
LITHOLOGICAL PECULIARITIES OF THE
MARI CARBONATE IN THE SOUTHERN PART OF
THE BRANT BOULDER. [1963] 7p (figs omitted) 2refs
Order from DTIC \$1.10 TT-64-14012

I. Chernikov, O. A.
II. Kauter, K.

Journal of Zeitschrift für Angewandte Geologie (East
Germany) 1963, v. 9, no. 1, p. 14-16.

(Earth Sciences--Geology, TT, v. 12, D-1)

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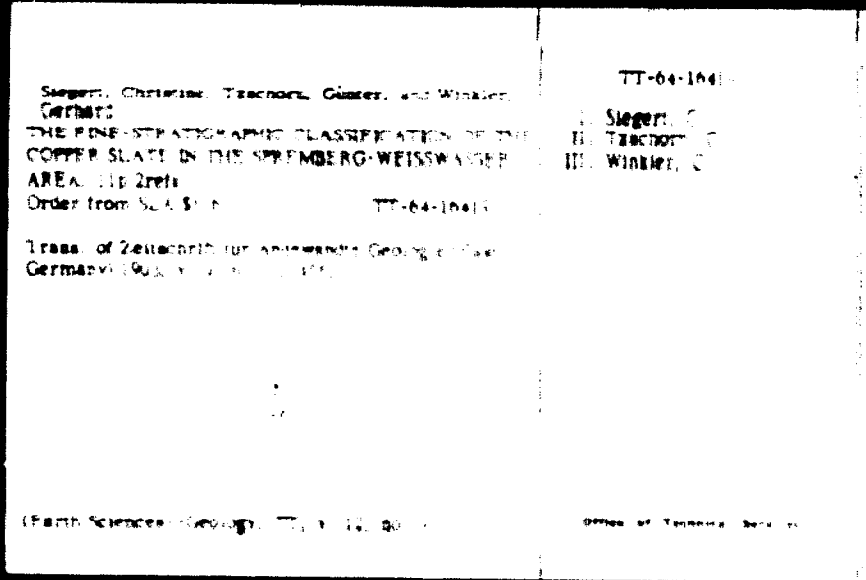
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Siegert, Christiane
THE UNDERLYING BED OF THE COPPER SCHIST IN
THE SPREYER-GO-WEISSWASSER AREA, 180 Cords
Order from SLA 5-6 TT-64-16420

I. Siegert, C.

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Temperature and Incendivity of Grinding Sparks in
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GERMAN, per, Z Angew Geol, Vol 12, No 2, 1960,
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Seismic Measurements, by L. Wuestner.

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Sci-Mech Indus Engr
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Stress Increase Caused by Circular Holes in
a Drawn Plate, by Th. Poschl.
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Sci - Phys
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Natural Oscillations of Fixed Rods Having Variable
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GERMAN, *see*, *Z fuer Angewandte Mathematik und
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Sci - Engr
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Jan 67

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Eggenberger, F. and Polya, G.
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Order from SLA \$2.60

TT-64-14124

Trans. of Zeitschrift für Angewandte Mathematik und
Mechanik (Germany) 1923, v. 3, p. 279-289.

(Mathematics, TT, v. 12, no. 1)

TT-64-14124

I. Eggenberger, F.
II. Polya, G.

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Birnbaum, W.
THE LIFTING VORTEX SURFACE AS AN AID IN
TREATING THE TWO-DIMENSIONAL PROBLEM OF
WING THEORY (Die Tragende Wirbelfläche als Hilfs-
mittel zur Behandlung des Ebenen Problems der Trag-
flügel-Theorie). [1963] [11p] 2refs
Order from SLA \$1.60

63-20149

Trans. of Zeitschrift für Angewandte Mathematik und
Mechanik (Germany) 1923, v. 3, no. 4, p. 290-297.

DESCRIPTORS: *Wings, *Lift, *Vortices, *Airfoils,
Angle of attack, *Aerodynamic characteristics,
Equations, Mathematical analysis.

(Mechanics--Aerodynamics, TT, v. 10, no. 11)

63-20149

I. Birnbaum, W.

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The Plane Problem of the Flapping Wing, by Walter
Birnbäum.

Full translation.

GERMAN, no per, Zeitschrift für Angewandte Mathematik
und Mechanik, Vol IV, No 4, Germany, August 1924,
pp 277-282.

NACA TM 1364

Scientific - Aeronautics

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Feb 54

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Sci-Engr
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