

Increasing the Intensity of Production and  
Profitableness on State Farms, by Mr Miroslav  
Zich, 18 pp. UNCLASSIFIED

CZICH, 10-times-yr per, Planovane Hospodarstvi,  
No 7, 2 Sep 1957, Prague, pp 519-531.

US JPRS/DC-L-26

IE - Czech  
Econ - Foreign Trade  
Mar 58

60,065

(DC-5965)

Specialized Production of State Farms, by  
Miroslav Zich, 9 pp. GOVERNMENT USE ONLY

CZECH, per, Státní Statky, Vol V, No 4, 1962,  
pp 74-76.

JPRS 13664

EEur - Czechoslovakia  
Econ  
May 62

194, 288

63-10325

Zicha, L., Scheiffarth, F. and others.  
COMPARATIVE INVESTIGATIONS ON NEW CORTI-  
COSTEROID DERIVATIVES IN HISTAMINE AND SERO-  
TONIN ASTHMA IN GUINEA PIGS (Vergleichende  
Untersuchungen mit Neuen Corticoid-Derivaten am  
Histamin- und Serotonin-Asthma des Meerschweinchens,  
[1962] 16p. (Ills. tables refs. omitted) 7 refs.  
Order from (H) 51. 00) 63-10325

I. Zicha, L.  
II. Scheiffarth, F.

Trans. of Arzneimittel-Forschung (West Germany)  
(1960, v. 10, no. 9, p. 728-731).

DESCRIPTORS: \*Dexamethasone, Prednisone, Corti-  
costeroid agents, \*Histamine, \*Serotonin, \*Asthma,  
Laboratory animals, Prednisolone, Aerosols.

(Biological Abstracts—Pharmacology, 11, v. 10, no. 2)

Other Technical Details

63-10-26

Schiffert, F., and G. O. E.  
COMPARATIVE INVESTIGATION OF THE BIODIS-  
PENIC EFFECT OF VARIOUS GLUCONATE AND  
ESTERS, WITH SPECIAL CONSIDERATION OF THE  
METHOD OF APPLICATION. (1963) 129. (figs. tables  
refs. omitted).  
Order from G. A. S. Co. 6-10-26

1. Schiffert, F.  
H. Schiffert, F.  
1963, 129, 2.

Trans. of Anatomical-Physiological (West Germany)  
1961, v. 11, no. 7, p. 606-612.

DESCRIBTOR: \*Dexamethasone, \*Eosinophils, \*Corti-  
costeroid agents, Filters, \*Pneumonia, Hormones,  
Adrenal glands, Pituitary gland, Dosage, Parenteral  
infusion, Intravenous injections, Drugs.

(Biological Sciences - Pharmacology, IT, v. 10, no. 2)

Office of Technical Services

63-10356

Zusammenfassung: Schmid, E. and others.  
 COMPARATIVE INVESTIGATIONS ON THE ONSET  
 AND DURATION OF ACTION OF NEW DEXAMETHA-  
 SONE AND PREDNISOLONE ESTERS IN HISTAMINE  
 AND SEROTONIN ASTHMA IN GUINEA PIGS (Ver-  
 gleichende Untersuchungen über Wirkungseintritt und  
 Wirkungsdaue: Neuer Dexamethason- und Prednisolon-  
 Ester an Histamin- und Serotonin- Asthma des  
 Meerschweinchens). [1967] 14p. (figs. refs. tables  
 omitted) 4 refs.  
 Order from SLA \$ 1.60 63-10356

Trans. of Arzneimittel-Forschung] (West Germany)  
 1960, v. 10, no. 10, p. 831-834.

DESCRIPTORS: Drugs, \*Progesterone, Esters,  
 \*Corticosteroid agents, \*Asthma, Serotonin, Hista-  
 mine, Laboratory animals, Guinea pigs.

(Biological Sciences--Pharmacology, IT, v. 10, no. 2)

I. Ziska, U.  
 II. Schmid, E.

Office of Technical Services

61-22338

Zicher, L. M. and Fischer, E.  
EFFECT OF METHOXADONE ON THE PSYCHO-  
MOTOR ACTIVITY OF THE MOUSE. [1961] 3p.  
Order from ATS \$3.60      ATS-05N51SP

Trans. of Assoc[acion] Méd[ica] Argentina, Buenos  
Aires. Revista [1960], v. 74, no. 9, p. 531-533.

DESCRIPTORS: \*Nervous system, \*Neuromuscular  
transmission, \*Drugs.

- I. Title: Methoxadone
- I. Zicher, L. M.
- II. Fischer, E.
- III. ATS-05N51SP
- IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

(Biological Sciences--Pharmacology TT, v. 6, no. 2)

On Sound-Sensitive Flames, by H. Zick-  
endraht. 120

GERMAN, per, Helvetica Physica Acta,  
Vol 14, No 3, 1941, pp 195-214.

MLL Ref: 9022.9 (1143)

Sci-Phys  
Mar 69

377,039

The Hypnotogram as Compared to the  
Double Blind Experiment for the Evaluation  
of a New Hypnotic, by H. Zickgraf.  
GERMAN, per, Arztliche Forschung, Vol 18,  
No 8, 1964, pp 427-429.  
SIA TT-66-10102

*H. Zickgraf*



Bridge for Very Small Capacity Measurements, by  
G. Zickler, 7 p.

GERMAN, per, Elektrische Nachrichten-Technik, 1930,  
Vol VII, No 11, pp 443-448.

SLA 60-10270

Sci  
Apr 60  
Vol III, No 3

112, 143

Automatic Recording of Physical Processes, by  
A. Schulze, G. Zickner, 7 p.

GERMAN, per, Verein Deutscher Ingenieure Zeit,  
1930, Vol LXXIV, No 39, pp 1359-1362.

SLA 59-20389

Sci  
Mar 60  
Vol 2, No 12

109,135

Progress Report on the Development of the  
Rumanian Aluminum Industry, by Ion Margineanu,  
Stefan Zidarita, 5 pp.  
RUMANIAN, ~~mp~~, ~~Scintila~~, Vol ~~KIII, III~~, No 6272,  
30 May 1964, p 3.  
JPRS 25448

14

EE-Rumanda  
Econ  
Aug 64

265,187

Experimental Solution of the Dirichlet Problem  
For a Halfspace, by D. Zidanov, 3 pp.

RUSSIAN, per, In: Ak Nauk SSSR, Ser Geofiz,  
No 12, 1958, pp 1458-1462.

Amer Geophys Union

Sci

Feb 60

106,674

(FDD 26539)

Electromagnetic Model for Solving the Direct Problem  
of Magnetometry and Gravimetry, by D. Zidarov, 9 pp.

RUSSIAN, *in*no per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,  
Moscow, 1955, pp 464-467.

CIA/FDD U-8444

~~36,530~~

USSR

Sci - Geophysics, physics

8644

Types and origins of infection in wound ballistics  
in rolling seamless tubes, by O. Rajcok.

M. 11/11/61

CZECH, per Rabnik, Vol. XI, No 2, 1961, pp 59-61

RTM 2343

Sci - Engr

*11/11/61*

Doc 61

Possibilities of Improving the Quality of  
Railway Tyres by Making Them From Round Rolled  
Billets. by Zidek, Pejcoch. UNCLASSIFIED

CZECH, pr., Hutnicko Listy, Vol XI, Dec 1956,  
pp 709-713.

Iron and Steel Inst Tr 807  
(L3.0.0)

Sci - Min/Met  
Aug 58

71,730

The Influence of Copper on the Recrystallization  
Temperature of Low-Carbon Steels, by K. Sidak.

Metallurg, part, Hutnicko Listy, Nov 1959, pp 943-947.

ENSI 1807

Sci - Metallurgy

Dep. C.

127,195



Hot Rolling of Thick Steel Plate Clad on One Side  
With Stainless Steels, by M. Zidek, B. Glats. UNCL.

CZECH, par, Hutnické listy, Aug 1958, pp 679-687.

British Iron and Steel Ind 1329

Sci - Min, Met  
Aug 59

93, 198

The Effect of Quenching From Final-Pass Rolling  
Temperatures on the Properties of Thick Steel  
Sheet of Ultimate Tensile Strength 52-68 kg/mm<sup>2</sup>  
(33-40 tons/sq. in.), by M. Zidek. CZECH

CZECH, per, Hutnik, May 1958, pp 151-159.

British Iron and  
Steel Ind 1165  
(16 15s. Cl.)

Sci - Min/let  
Apr 59

84,348

Experimental and Clinical Investigations With a  
New Isoprenaline-like Compound, by R. Zidek, 23 pp.

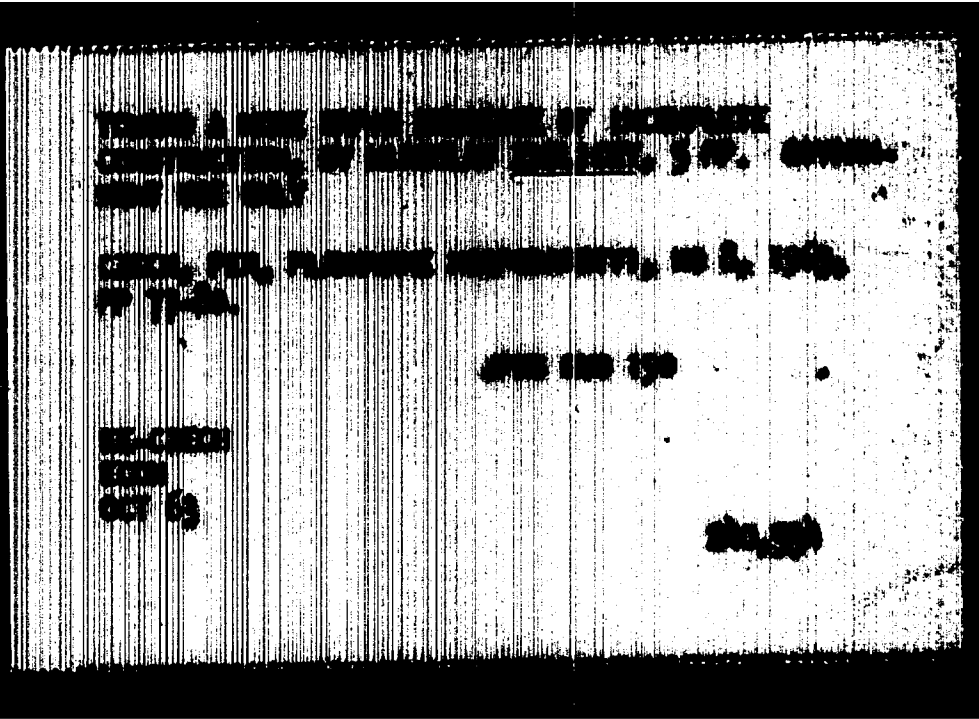
GERMAN, per, Therapiewoche, Vol XI, 1961,  
pp 545-552.

CIA/FID X-4833

Sci - Med

Mar 62

190,075



Investigations on a Fottinger Gear, by E. Ziebart,  
33 p.

GERMAN, per, Verein Deutscher Ingenieure, Zeit,  
1953, Vol. XCV, No 30, pp 1027-1036.

SLA 59-17852

Ec1  
Feb 60  
Vol 2, No 9

107,086

(DC-6913)

THE SOVIET PETROLEUM ECONOMY, BY PAUL ZIEBER,  
177 PP.

GOVERNMENT USE ONLY

GERMAN, EK, DIE SOWJETISCHE ERDOELWIRTSCHAFT,  
1982, PP 119-166, 210-264.

JPRS 14665

USSR  
ECON

205,755

(SF-18)

Soviet Manipulating and Ruble Devaluation: The New Export Strategy of the USSR, by Paul Zischen, JIP.

GERMAN, pp, Die Zeit, 10 Feb 1961, p. 1.

JPRS 4643

USSR

Icon

Jan 61

1074 463

(SF-1006)

The Integration of the Eastern Bloc Means Lucrative  
Business for Moscow, by Paul Ziebar, 2 pp.

GERMAN, W., Die Zeit, No 26, 1961, p 18.

JPRS 4859

Subject - Soviet Bloc

Room

Aug 61

164, 9846



A. New Examination of the Thermal Conductivity of  
Honey Waxes, by H. Eichland.

GERMANY, pub. in Angewandte Wärmetechnik, Vol. IX, No 2,  
1959, pp 67-39.

REF ID: A531

Sci - Eng Page  
Aug 62

211, 4/7

Quaternary Anisotropic Mixtures of Paraffinic  
and Naphthenic Hydrocarbons With Benzene,  
Ethanol and Water. Part 7, by K. Zieborak,

Publ. per. Roczniki Chem, Vol. XXV, 1951.  
pp 388-391.

AMS PJ-2103

Sci - Chem

May 60

115, 396

Investigations Concerning Industrial Spectra of  
Atomic Reactors by W. E. Simpson

In: HANDBOOK, Tech, Research and Development, Vol. 10000,  
1970, pp 353-359.

Dept of Defense

Box  
Per OJ  
Vol. 10000, No 11

184,903

and Chemical Composition of Larvae  
and Pupae of Sprat (*Coregonus Albula*)  
from Prydzynsk Lake in an Annual Cycle,  
Marian Zieciak, 15 p.  
Zieciak, Marian, Zestawy Naukowe Wydziału Biologii  
Uniwersytetu Warszawskiego, Vol. 13, No 3, 1964,  
p. 211-225.  
PWN PT 00-57106

MARIAN ZIECIAK

100-101000  
101/1000  
101/10

297,253

71  
 The chemical and weight composition of the  
 (digestible parts, the waste and the carcass  
 of the Flounder (Leuronectes Flosus L.)  
 caught in the Looe of the Bay of Gdansk -  
 in the Annual Cycle, by Marian Ziecik, 18 p.  
 (Lithuanian, par. Zeszyt Naukowe Wydział Ssaków  
 i Ptaków w Gdansk, Vol 16, No 5, 1964,  
 p. 215-234.)

• (KST) 11 05-17007

MARIAN ZIECIK

1-10/1000  
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297,153

The Nutrition of the German People (Raw Milk f.  
Whey Beverages), by W. Ziegelmaier, 13 pp.

GERMAN, no journal cited, 1947, pp 402-407.

SLA 57-1207

Sci - Medicine  
Mar 58

60,636

61-25683

Zieger, H.  
EXAMINATION OF THE BEHAVIOR OF SOLVENTS  
AND BINDER SOLUTIONS DURING ELECTROSTATIC  
SPRAYING, 1961, 1000 words.  
Order from TTIS \$25.00

TTIS 2312

Trans. of Plaste und Kautschuk (Germany) 1961, v. 8,  
July, p. 387-391.

DESCRIPTORS: \*Sprays, Organic solvents, Binders,  
Solutions.

- I. Zieger, H.
- II. TTIS-2312
- III. Translation and Technical Information Services (Gt. Brit.)

61-25683

(Materials-Plastics, TT, v. 7, no. 2)

Office of Technical Services

About a Method for the Experimental Determination  
of the Flux Distortion in a Heterogeneous Reactor  
Structure, by A. Ziegler, 39 pp.

GERMAN, per, Nukleonik, Vol 8 I, 1959, pp 295-305.

ABC UCRL-Trans-631(L)

Sci - Phys  
May 61

150,384



The Multi-Purpose Research Reactor, by A. Ziegler.  
K GERMANY, part, Atomwirtschaft, Vol VII, No 1, 1962,  
pp 17-26.

AEC-Risley Tr 595  
Available on loan only

Sci  
Jan 65

A New Method of Plasma Generation for Ion Sources,  
by A. Ziegler, 6 pp.

GREENMAN, per, Z Angew Phys, Vol X, 1958, pp 185-186.

ABC UCRL-Trans-589(L)

Sci - Phys  
19 Jan 61

137,337

The American Nuclear Energy Research Society,  
17 E. 23rd St.  
New York, N.Y. 10010-1293  
Vol 7, No 1, 1968,  
pp 17-20  
Jan 1968

108

A. Ziegler

Sci - Nuclear Science  
Aug 67

Ion Sources, by Albert Ziegler, 10 pp.

GERMAN, patent, 1,001,429, DEB 27 June 1955.

ABC-Tr-5809

Sci - Nucl Sci

Aug 63

341,320

The Nuclear Absorption Cross-Section for Gamma  
Rays Between 10 and 30 Mcv, by B. Ziegler, 12 pp.

GERMAN, per, Z Physik, Vol CLII, 1958,  
pp 566-573.

ABC AERE Tr-839

Sci - Phys  
Aug 60

124,021

Nuclear Absorption Cross- Section for  
Gamma Rays Between 10, and 30 MeV, by  
B. Siegel,

Zeitschrift für Physik, Vol. CLXX,  
No. 3, pp 566-573, 1958

C.S.I.R.O.  
\*AEC

Sci - Nuc/Phys  
May 60

116,123

48

Report on the Large-Scale Experiment of Adding  
Fluoride to Household Milk in Winterthur, by  
E. Ziegler.  
GENEVA, FOR, ~~WORLD HEALTH ORGANIZATION~~ No 19, 1964,  
pp 33-34.  
EHS:MMH  
2-7-69

E. ZIEGLER

Eol/DM  
Apr 69

300,200

ATP-Content of the Sieve-Tube Sap of  
Hardwood Species, by H. Ziegler, M. Kluge.  
GERMAN, per, Planta, Vol 61, No 2, 1964,  
pp 77-167  
CSIRO/No 7166

*H. ZIEGLER*

Sci -  
Jul 67

334,527



Experimental Detection of Mass Flow in the Phloem of  
Heracleum Mantegazzianum Sonn. et Lev., by H.  
Ziegler, G. Vieweg.  
GERMAN, per, Planta, Vol 56, No. 4, 1961, pp 402-408  
CSIRO/No. 6827

H. ZIEGLER

Sci -  
July 1967

334-439

Ziegler, Karl.  
PROCEDURE FOR THE PRODUCTION OF POLY-ETHYLENE WITH HIGH MOLECULAR WEIGHT SUITABLE FOR USE AS SYNTHETIC SUBSTANCE.  
30 Nov 55, 13p.  
Order from OTS or SLA \$1.60

63-10871

Trans. of Belgian patent 533,362, 16 Nov 54, German appl. 17 Nov 53, 15 Dec 53 and 23 Dec 53.  
Another trans. is available from OTS or SLA \$1.60 as 62-16335, 30 Nov 55, 13p.

DESCRIPTORS: Ethylenes, Polymers, Molecular weight, Production, Catalysts, Free radicals, Metallic compounds, Valence, Chemical reactions, Peroxides, Polyethylene plastics.

(Chemistry--Organic, TT, v. 10, no. 3)

63-10871

I. Ziegler, K.  
II. Patent (Belgium) 533 362

Office of Technical Services

Process for Producing Tetraalkyl Lead, by  
Karl Ziegler, 9 pp.

BELGIAN, Patent No 575,641.

RIS Rept. 97071

Sci  
Feb 62  
Vol III, No 11

182,789

Metallo-Organic Compounds. XIX. Reaction of the  
Aluminum-Hydrogen Combination With Olefins, by  
Carl Ziegler, 56 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie,  
Vol DLXXXIX, 1954, pp 91-121.

SLA Tr 877/1955

Sci - Phys

50,126

Jul 57

A Process for the Manufacture of Organic Alkali  
Metal Compounds, Inventor Carl Ziegler, 7 pp.

GERMAN, patent 487,727, 7 Jan 1930.

CIA/FDD XX-747

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Engg  
Jan 60

USIS INTERNAL USE ONLY

105,841

**Den Foundations in Igneous Rock, by D. P. Ziegler.**

**GERMAN, Der Bauingenieur, Vol 18, No 25/26, Jun 24,  
1937, pp 369-373.**

**USA Corps of Engr, Waterways Exper Sta Tr 38-22**

**Sci - Engineering, hydraulics, naval**

**Econ - Transportation, river, water**

*A1348*

**Available on loan at Research Center Library**

On the Dispersion of the Discharge in Self-  
Quenching Counting Tubes I., by E.  
Foster, E. Ziegler.

GERMAN, part 2. *Physik*, Vol CXLVI,  
1958, pp 281-294.

CSIRO

Sci - Phys  
Jul 62

107,608

The Effect of Surface Active Substances on the  
Crushing of Solids, by E. Ziegler.

GERMAN, psr, Schriftenreihe der Zementindustrie,  
No 19, 1956, pp 1-75.

CSIRO 3812

Recd .. Claret  
Jun 62

203,329



The Effect of Surface Active Substances on the  
Crushing of Solids, by E. Ziegler.

GERMAN, par, Schriftenreihe der Zementindustrie,  
Heft No 19, 1956, pp 1-75.

CSIRO 381.2

Sci. - Chem  
June 62

203.329

Critical Considerations on the Fluorine Dosage in  
the Different Methods of Caries Control With  
Fluorine, by E. Ziegler, 14 pp.

GERMAN, par, Schweiz Med Wochr, No 10, 1956,  
pp 252-254.

SEARCHED  
NIH 9-16

Scientific - Medicine  
Nov 56 CIB

40, 412

Principles and Applications of Dynamical Differential  
Calorimetry, by H. K. Schwiete, G. Ziegler, 39 pp.

GERMAN, per, Berichte der Deutschen Keramischen  
Gesellschaft, Vol. XXIV, No 6, 1958, pp 193-204.  
9093309

ABC NP Tr-837

Sci - Eng  
Apr 62

191,290

72

Intensity and Lattice Constant Measurements  
on Martensite and Austenite, by H. Hanks,  
G. Ziegler.

GERMAN. Pap. ~~International~~ ~~Union~~ Vol 22,  
1967. pp 295-303,  
REL Ref: 9022.4 (68/36)

G. ZIEGLER

Sci-Hat  
Jan 69

372.654

Vaporization in Floating Zone, by G. Ziegler, 5 pp.

GERMAN, per. Z Metallkunde, Vol CLIX, No 9, 1958,  
pp 891-894.

SIA 59-10732

Sci - Chem

Vol 2, No 1

97,312

The Stability of Vertical Molten Zones, by  
W. Heysang, G. Ziegler, 4 pp.

GERMAN, per, Z. Naturforschung, Vol X/ IIa,  
1954, pp 561, 562.

S.L.A. Tr 1243

Sci - Min/Metals  
Jan 57 GTS

42,618

On the Kinetics of the Ageing of Aluminium-Silver  
Alloys, Part IV, by G. Ziegler

GERMAN, per, Z Metallkunde, Vol XLIII, Jun 1952,  
pp 213-216.

Fulmer Research Institute  
46 OT/701

Scientific - Minerals/Metals  
CTS/DIX

8912

Ziegler, Günther.  
PROCESS FOR MANUFACTURING SINGLE CRYSTAL  
SEMICONDUCTOR LAYERS (Verfahren zur  
Herstellung von Einkristallinen Halbleiterschichten)  
tr. by F. H. B. 11 Mar 61, 8p. (2 figs. omitted)  
3 refs.

Order from OTS or SLA \$1.10

61-19847

Trans. of German Auslegeschrift (DAS) 1,029,941, cl.  
21g, 11/02, Internat. Cl. H 01 L, by Siemens and Halske  
Aktiengesellschaft, appl. 13 July 55, announced and  
laid open to inspection 14 May 58.

DESCRIPTORS: \*Semiconductors, \*Single crystals,  
Growth, Semiconducting films.

The invention relates to a process for producing semi-  
conductor crystal layers with p-n transition regions  
from the gas or vapor phase, preferably by chemical  
reaction, e.g., thermal decomposition and/or reduc-  
tion, in the presence of a suitable reduction agent,  
(Physics--Solid State, IT. v. K. no. 3) (over)

61-19847

- I. Ziegler, G.
- II. Patent (Germany) 1 029 941
- III. Patent Office, Washington,  
D. C.

Office of Technical Services



Methods of Producing and Installing  
Room-Height Dividing Walls, by H. Ziegler.

GERMAN, per, ~~DE~~ Bauplanung und Bautechnik,  
Vol XIII, No 9, 1959, pp 388-391.

CSIRO

Sci - Engr  
Jun 62

203,356

Thermoelectric Recording of the Rate of Transpiration Flow, I, by H. Vieweg, H. Ziegler.

GERMAN, part; Berichte der Deutschen Botanischen Gesellschaft, Vol. LXXIII, No 6, 1960, pp 221-226.

CSIRO 5384

Sci - Engr  
Aug 62

207,344

Methods of Producing and Installing  
Room-Height Dividing Walls, by H. Kogler.

GERMANY, per, *BMH Bauplanung und Bautechnik*,  
Vol. VIII, No 9, 1959, pp 388-391.

CSIRO

Ed. - Engr  
Jan 62

103, 356

Thermodynamics and Rheological Problems, by  
H. Sigler, 28 pp.

XXXXXXXXXXXX

GERMAN, PPT, Ingenieur-Archiv,  
Vol CIV, No 1, 1957, pp ~~53-67~~ 53-670.

SLA 60-18392

Sci  
Vol IV, No 11  
May 62

197, 942

Endoperoxides of the Norbornene Series, by  
G. O. Schaub, H. Ziegler, 3 pp.

GERMAN, per, Naturwissenschaften, Vol XXXVIII, 1951,  
Haupt pp 356.

CIA/PDD XX-359

NOT RELEASABLE TO FOREIGN NATIONALS

56,144

Sci - Chem

Doc 57

EAC INTERNAL USE ONLY --

Constitution and Color of Formazan Compounds,  
by H. Ziegler.  
GERMAN, per, Vernachtl. Chemische Vereinigung  
Maddeleelingen, Vol XI, No 1, 1958, pp 1-11.  
TC-184

Sci  
Apr 67

322,256

Composition of the "Pollination Drop" and  
Mechanism of Its Exudation, by H. Ziegler.

GERMAN, per, Planta, Vol. LII, No 6, 1959,  
pp 587-598.

CSIRO Tr.4638

Sci - Ingr

118,542

Jun 60

(NY-10)

The Academy of Conference of the Various  
Countries of the World of Venereal and their  
Etiology and in the Treatment of Venereal.  
by H. G. [unclear], 15 pp.

GEN. [unclear], Monatshefte fuer Veterinar-  
medizin, Vol XVI, No 20, 15 Oct 1951,  
pp 770-776.

JPRS 11937

181, 370

Sci - Med



A Key to Nearby Air Traffic, by Emari Ziegler,  
6 pp. UNCL

GESMAN, per, Flugvalt, May 1960, 2 pp.

519th MI Bn  
H-8518  
ID 2162105

Sci - Aero  
May 61

151,326

Request for Production of High-Molecular Weight  
Polymers and Low-Molecular-Weight Catalysts,  
by Karl Ziegler, 1954  
1954, pages 1-10, 11-12 Jan 55,  
(Priority: Germany, 19 Jan 54)  
GA 12-6-20792

*Karl Ziegler*

Sci - 1954  
Jan 57

327,505

61-20862

Ziegler, K[arl], Köster, H[elmut] and others.  
NEW COMPLEX COMPOUNDS OF ALUMINUM  
ATRYL. Pt. 30 of Metallo-organic Compounds.  
[1961-1962. Introduction experimental part footnotes  
(omitted) refs.  
(Order form SLA 52.60      61-20862)

- I. Ziegler, K.
- II. Köster, H.
- III. Title: Metallo-organic...

Trans. of [Justus Liebig's] Annalen der [Chemie]  
(Weis, Germany) 1960, v. 629 [no. 1/3] p. 33-49.  
Another translation available from SLA 52.60 as  
61-20863 (1961) 29p.

DESCRIPTION: Metalorganic compounds. \*Aluminum  
compounds. \*Aryl radicals. Chemical reactions.  
\*Chemical compounds. Synthesis

197058

(Chemistry--Organic, TT. v. 7, no. 9)

Office of Technical Services

62-22932

Ziegler, Karl.  
IMPROVEMENTS OF POLYPROPYLENE AND METHODS  
FOR THEIR PRODUCTION. [1962] 16p.  
Order form RIS \$15.00      RIS rept. 96957

- I. Ziegler, K.
- II. Patent application (Belgium) 562 915
- III. RIS-96957
- IV. Research Information Service, New York

Trans. of Belgian patent application 562 918, [1957] by Montecatini Società Centrale per l'Industria Mineraria e Chimica, Milan (priority: Italy, 1 Dec 56, no. 18 022).

DESCRIPTORS: \*Plastics, Polymers, \*Propenes, Production, Polymerization, Crystals, Catalysts, Titanium compounds, Chlorides, Alkyl radicals, Aluminum compounds, Organic solvents, Ethyl radicals, Hexanes, Octanes, Vinyl chlorides.

U.S. 2,300,000

(Materials--Plastics, TT, v. 9, no. 2)

Office of Technical Services

Process for the Preparation of Aluminum-  
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