

63-10356

Zicha, L., Schmid, E. and others.

COMPARATIVE INVESTIGATIONS ON THE ONSET AND DURATION OF ACTION OF NEW DEXAMETHASONE AND PREDNISOLONE ESTERS IN HISTAMINE AND SEROTONIN ASTHMA IN GUINEA PIGS (Vergleichende Untersuchungen über Wirkungseintritt und Wirkungsdauer Neuer Dexamethason- und Prednisolon-Ester am Histamin- und Serotonin- Asthma des Meerschweinchens). [1962] 14p. (figs. refs. tables omitted) 4 refs.

Order from SLA \$1.60

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

DESCRIPTORS: Drugs, *Progesterone, Esters, *Corticosteroid agents, *Asthma, Serotonin, Histamine, Laboratory animals, Guinea pigs.

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

I. Zicha, L.
II. Schmid, E.

Office of Technical Services

14-00000

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Zicher, L. M. and Fischer, E.
EFFECT OF METHOXADONE ON THE PSYCHO-
MOTOR ACTIVITY OF THE MOUSE. [1961] 3p.
Order from ATS \$5. 60 ATS-05N51SP

Trans. of Asoc[iacon] Méd[ica] Arg[entina], Buenos
Aires]. Rev[ista] 1960, v. 74, no. 9, p. 531-533.

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

1. 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)

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NLL Ref: 9022.9 (1143)

H. Zickendraht

Sci-Phys
Mar 69

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The Hypnokinogram as Compared to the
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No 8, 1964, pp 427-429,
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H. Zickgraf

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A. Schulze, G. Zickner, 7 p.

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Progress Report on the Development of the
Rumanian Aluminum Industry, by Ion Margineanu,
Stefan Zidarita, 5 pp. 14
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Experimental Solution of the Dirichlet Problem
For a Halfspace, by D. Zidarov, 3 pp.

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Sci - Geophysics, physics

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M. Zidek.

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BISI 2343

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SLH 41-16225

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Temperature of Low-Carbon Steels, by M. Zidek.

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pp 545-552.

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TOWARD A MORE RAPID DECREASE OF INCOMPLETE
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PP 77-80.

JPRS 610 190

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*TISI TT 66-57666

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Sci-Poland
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Observations on the Acquisition of Food by
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The Multi-Purpose Research Reactor, by A. Ziegler.
K GERMANY, per, Atomwirtschaft, Vol VII, No 1, 1962,
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Report on the Large-Scale Experiment of Adding
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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
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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

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Office of Technical Services

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Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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Crushing of Solids, by E. Ziegler.

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<p>Ziegler, Glimther. 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</p>	<p>61-19847</p>	<p>61-19847</p>	<p>I. Ziegler, G. II. Patent (Germany) 1 029 941 III. Patent Office, Washington, D. C.</p>
<p>Trans. of German Auslegeschrift (DAS) 1,029,941, cl. 21g, 11/02, Internat. cl. H 01 1, by Siemens and Halske Aktiengesellschaft, appl. 13 July 55, announced and laid open to inspection 14 May 58.</p>			
<p>DESCRIPTORS: *Semiconductors, *Single crystals, Growth, Semiconducting films.</p>			
<p>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, TT, v. 6, no. 3) (over)</p>		<p>Office of Technical Services</p>	

Methods of Producing and Installing
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Thermoelectric Recording of the Rate of Transpiration Flow, I, by H. Vieweg, H. Ziegler.

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pp 773-776.

JPRS 11939

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DDC RSLC -167

Sci-Engr
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A Key to Nearby Air Traffic, by Henri Ziegler,
6 pp. UNCL

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ID 2162105

Sci - Aero
May 61

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Process for Production of High-Molecular Weight
Polyethylenes and New Polymerization Catalysts,
by Karl Ziegler, 12pp
BELGIAN, patent 534,888, pub 14 Jan 55,
(Priority: Germany, appl 19 Jan 54)
SIA TT-64-20992

Karl Ziegler

Sci - Mat
June 67

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<p>Ziegler, K[arl], K[ö]ster, R[oland] and others. NEW COMPLEX COMPOUNDS OF ALUMINUM ALKYLS. Pt. 30 of Metallo-organic Compounds. [1961] 14p. (introduction experimental part footnotes omitted) 4 refs. Order from SLA \$1.60 61-20862</p>	<p>61-20862 I. Ziegler, K. II. K[ö]ster, R. III. Title: Metallo-organic...</p>
<p>Trans. of [Justus Liebig's] Ann[alen der] Chemie (West Germany) 1960, v. 629 [no. 1/3] p. 33-49. Another trans. is available from SLA \$2.60 as 61-20453 [1961] 29p.</p>	<p>197058</p>
<p>DESCRIPTORS: Metalorganic compounds, *Aluminum compounds, *Alkyl radicals, Chemical reactions, *Chemical compounds, Synthesis</p>	<p>Office of Technical Services</p>
<p>(Chemistry--Organic, TT, v. 7, no. 6)</p>	

<p><u>Ziegler, Karl.</u> IMPROVEMENTS OF POLYPROPYLENE AND METHODS FOR THEIR PRODUCTION. [1962] 16p. Order from RIS \$35.00 RIS rept. 96957</p> <p>Trans. of Belgian patent application 562 918, [1957] by Montecatini, Societa Generale per l'Industria Mineraria e Chimica, Milan (priority: Italy, 4 Dec 56, no. 18 022).</p> <p>DESCRIPTORS: *Plastics, Polymers, *Propenes, Production, Polymerization, Crystals, Catalysts, Titanium compounds, Chlorides, Alkyl radicals, Aluminum compounds, Organic solvents, Ethyl radicals, Hexanes, Octanes, Vinyl chlorides.</p> <p>(Materials--Plastics, TT, v. 9, no. 2)</p>	<p>62-27932</p> <p>I. Ziegler, K. II. Patent application (Belgium) 562 918 III. RIS-96957 IV. Research Information Service, New York</p> <p>0227233</p> <p>Office of Technical Services</p>
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Process for the Preparation of Aluminum-
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Ex Cryolite, ~~xxx~~ by Karl Ziegler, 5 pp.

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Scientific - Chemistry Jul 55 CTS

Process for the Preparation of Aluminum Trialkyls,
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Scientific - Chemistry

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The Use of Polypropylene for Magnetic Tapes,
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Vol 8 4 No 1

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TT-65-13710

Field 11F

Ziegler, K.; Lehmkuhl, H.
PROCESS FOR THE PREPARATION OF ALKYL METALS
BY ELECTROLYSIS. 51p, 5refs.
Order from SLA: \$5.60 as TT-65-13710

Trans. of Patent (Belgium) 590 573.
Patented by Karl Ziegler, filed 6 May 60 (Priority:
Germany, appl. 6 May 59).
Another trans. is available from SLA \$3.60 as
TT-65-13204, 39p.

MR 663

Process for Regulating the Molecular Weight of
Substantially Linear, Highly Crystalline Head-to-Tail
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The Electrochemical Synthesis of Metal
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**ELECTROLYSIS OF TETRAALKYLBORANATES IN
AQUEOUS SOLUTION.** Pt. 42 of Metalorganic
Compounds. [1964] 11p
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