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EE- Poland
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((NY-6440)

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JPRS 12352

(NY-00887)

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JPRS 11161

EDur - Poland
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Tr No 1747**

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I. Reticulocytes and Pseudoreticulocytes, by
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NIH Tr 8-14

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Electronics

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CTB/DEX

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Pathology of Collagen Fibers, by C. Wolpers,
20 pp.

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CTS 70/Jul 55

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Sep 57

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M. Wolka-Witarowa, 5 pp.

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OTS 44-1489/1
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JPRS: 27394

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Jan 65

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PP 6-22.

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JPRS 12274

ECOR - POLAND
ECON
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(NY-5414)

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JPRS 7846

EUR - Poland

Econ

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(WID 28756)

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Manfred Engert, Gunter Wolter, 15 pp.

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JPRS 9647

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H. Walter

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BY H. W. HARRIS
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KADA TE 8-0710

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CONCERNING THE FURTHER COLLAPSE OF THE
GERMAN INDEPENDENT WORK WITH SCIENTIFIC INSTITUTIONS,
BY HANS WELTER, 7 PP.

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DEAR - GERMANY
ECON.
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**SOME PROBLEMS OF FINANCIAL CONTROL OF INVESTMENTS
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KLAUS LINDKE, 8 PP.**

**GERMANY, FED. DEUTSCHE FINANZWISSENSCHAFT, NO 8,
APR 63, PP 9-11, 19.**

JPRS 1986

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ECON
JUL 63**

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(NY-6132)

The Control of the Economic Effectiveness of
Investment Projects, by Hans Wolter, Klaus Löncke,
2 pp.

BERMAN, per, Deutsche Finanzwirtschaft, Vol XV,
6, Mar 1961, pp 172-175.

JPRS 9430

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West - Germany

Econ

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Findings of Centrifugal Nerve Fibers on the Blood
Vessels of the Human Retina, by J. Heimer Walter,
8 pp.

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Sci - Med

Jun 59

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Ionization at the Origin of an Electron Pair
of Very High Energy, by W. Wolter,
M. Miesowicz, 8 pp.

POLISH, publ by Institute for Nuclear Physics,
Department for Cosmic Rays, Krakow, Poland.

CIA/FDE X 2081

KBr - Poland
Sci - Nuclear Physics
Jun 56 CTB/dex

35, 651

WILHERSDOERF, Friedrich Wilhelm.
RAILROAD SAFETY DEVICE FOR DETECTING
THE PRESENCE OF OVERHEATED AXLE BOXES.
U. S. Pat. 2,578,622, 7/14/1952 (U.S. 2,578,622).
Order from DTIC or NSA 51.10 62-23113

Trans. of German Auslegungsbuch (DAS) 1, 1952, 618.
U. S. Pat. 2,578,622, 7/14/1952, by Siemens and
Halske, Aktiengesellschaft, appl. 17 Dec. 50, appl.
numbered and Auslegungsbuch pub. 2 June 52.

DESCRIPTION: *Axle status, *Bearings, Heating,
Detection, Railroad cars, Safety.

The device is characterized by a sensitivity photo-
electric arrangement comprising at least one light
source for beamed light and at least one light-
sensitive element, for example, a photoelectric cell
arranged so that the light rays emanating directly
from light sources and/or the light rays from light
sources reflected by the axle box impinge upon photo-
(Mechanics--Transport, TT, v. 9, no. 10) (over)

62-23113

I. Wilherschort, F. W.
II. Patent (Germany) 1,052,018
III. Patent Office, Washington, D.C.

62-23113

Office of Technical Services

Metals and Alloys. XVIII. Lattice Structure of
LiAl, by E. Zintl, O. Waltersdorf, 9 pp.

GERMAN, per, Z Elektrochem, Vol XLI, 1937,
pp 876-879.

AEC Tr 3486

Sci - Min/Met
Feb 59

81,299

The First Products of the Action of Alkali Metals on
Butadiene, by K. Ziegler, L. Jakob, H. Wolthan, A. Wenz,
30 pp.

Full translation.

GERMAN, per, Annalen, XXX Vol DXI, 1934, pp 64-88.

S.L.A.

Scientific - Chemistry

27,421

Aug 55

Petroleum Institute in Krosno, by Ryszard
Wolowicz.

POLISH, per, ²Przeglad Mechaniczny, No 19/20,
1961, pp 618-621.

ACSI I-1480-B
ID 2198548

KBR - Poland
Econ
18 Sept 62

211, 054

Method of Double-Checking the Quarterly
Profits of the State Enterprises (Part One),
by Van Song-ton, 3 pp.

Source, per, Chaochong Kungung, No 12, Dec
1964, pp 14-16.

IPIS 28820

Asia-Forum

can

Mar 65

276,741

Wondris, E. and Sew, V.
**HARDNESS TESTING OF THIN-GAUGE SHEET AND
 TIN PLATE.** Repts. no. 64 of the Cold Rolling Com-
 mittee and Rept. no. 1220 of the Materials Committee
 of the [Verein Deutscher Eisenhüttenleute]. [1961]
 [20p. 17 refs.]
 Order from SLA \$2.60

61-18315

Trans. of [Stahl und Eisen (West Germany) 1960, v. 80,
 17 Mar. p. 356-363].
 Another trans. is available from BISI 25 See as
 BISI-1424 [1961].

DESCRIPTORS: *Sheets. Test methods. *Hardness.
 *Metal plates.

From the statement of events upon impressing a ball
 into thin sheet, the influence of the sheet hardness as it
 depends on sheet thickness is test data for the Rockwell
 (Metallurgy. TT. v. 7, no. 4) (over)

61-18315

I. Wondris, E.
 II. Sew, V.
 III. Title: Verste ...

191050

Office of Technical Services

Hardness Testing of Thin Sheet and Tinned Sheet,
by E. Wondris, V. Saul.

BERMAN, per, Stahl und Eisen, Vol LXXV, 17 Mar
1960, pp 356-365.

BISI 1964

3c1 - Engr

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Wondratschek, H.
THE BEHAVIOUR OF HOLES IN GLASS PLATES
DURING HEATING. [1963] [BCIRA] no. 566.
Order from BCIRA

BCIRA-366

Trans. of Glaucochische Berichts (West Germany)
1962, v. 33, no. 8, p. 355-361.

DESCRIPTORS: Heating, Sheets, *Glass, Chemical
reactions.

(Materials--Ceramics, TT, v. 10, no. 8)

63-17866

I. Wondratschek, H.
II. BCIRA-366
III. British Glass Industry
Research Association

1247864

Office of Technical Services

The Behavior of Holes in Glass Plates on
Heating, Contribution to the Knowledge of
Processes of Glass Flow Under the Influence
of Surface Tension, by H. Wondratschek,
L. Marker. 32 p.
GERMAN, PER, Glastechnische Berichte,
Vol 35, No 8, 1962, pp 355-361.
SIA TT-66-10660

H. Wondratschek

Sci-MEM
Jul 66

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Wondratschek, Hans.

A PROCESS FOR THE SIMULTANEOUS DETERMINATION OF VISCOSITY AND SURFACE TENSION IN GLASS AT RELATIVELY LOW TEMPERATURES

(Ein Verfahren zur Gleichzeitigen Bestimmung von Zähigkeit und Oberflächenspannung an Gläsern bei Relativ Niedrigen Temperaturen). [1960] [8]p. 2 refs
Order from SLA mi\$1.80, ph\$1.80 61-10503

Trans. of Glasstechnische Berichte (West Germany)
1959, v. 32, no. 7, p. 276-278.

The author is indebted for a process described by N. M. Parikh (J. Am. Ceram. Soc. 41: 18-22, 1950) for the determination of the surface tension in glass, and it is shown that the viscosity can be ascertained as an additional result of the measurement. (Author)

(Materials--Ceramics, TT, v. 5, no. 8)

61-10503

1. Glass--Viscosity
2. Glass--Surface tension
1. Wondratschek, H.

Office of Technical Services

Production of $\Lambda(\Sigma)$ Hyperons and K^0 Mesons in $\pi^- p$
Interactions at 6.8 ± 0.6 Bev/c, by, Wang Kang-Chang,
'ong Ts'u-Tseng, V. I. Veksler, pp. 87

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz, Vol XL,
No 2, 1961, pp, 464-474

AIP
SOV Phys-JETP
VOL XIII, No 2

167,526

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Ecological Education of Union Members, by Hon
Wang, 9 11.

Wang, 9 11, Redong Shuan, 9 Oct 64, p 11.

61.5 2/11/77

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2/12, 1977

A-776/KC

Sino-China Dispute Intensifies, 1:
Emeric Castillo Wong, (DC-62/7)

SPANISH, ap, El Universal, 29 May 1962, p 3.

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Asia - China

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L. J. 101

Study on I-C Characteristics of Transistors
in the Saturation Region, by S. C. Wong,
SI 27. FOR OFFICIAL USE ONLY
Chinese, per, Acta Physica Sinica, Vol XI,
1954, No 6, pp 559-567. 3693725
DADC 351-105-642

Wong, S. C.

101 - 1100

AR 51

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Determination of the Dielectric Constant of
Powdered Crystalline Substances, by ~~Wang~~
Hoo Hs, ~~Wang~~
G. Hsueh, ~~Wang~~, Wang Hsueh Tung, No 2, 1964,
p. 57-59.
ACU 6811-tr-1248

Sci-Enc-
Nov 68

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On the Aerobic Decomposition of Cellulose by
Bacteria: Recent Work, by S. Wonogradsky. 16 pp.
FRENCH, per, Bulletin Institut Pasteur [Paris],
Vol 30, 1932, pp 369-379.
SLA TT-64-10330

S. Wonogradsky

Sci/B&M
Jun 67

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Woo, Chung-sung, Riu, Pin-tai, and Wang, Tao-sung.
STUDIES ON THE PREPARATION OF 2,4-D(2,4-
DICHLOROPHENOXY-ACETIC ACID) AND ITS
SODIUM SALT. 5 Apr 62 [16]p.
Order from SLA \$1.60

63-14030

Trans. of [Hsin Hsueh] Taipei (Formosa) 1961, p. 1-11.

DESCRIPTORS: *Herbicides, Manufacturing methods,
*Acetic acids, Chlorides, Phenoxy radicals, Synthesis
(Chemistry), *Phenols, Dehydration, Chlorination,
Distillation, *Sodium compounds, Acetates, Hydroxides,
*Corrosion research, Stainless steel, Copper,
Aluminum, Lead.

(Agriculture--Plant Cultivation, TT, v. 10, no. 6)

63-14030

1. Title: 2,4-D(2,4-Dichloro-
phenoxy-acetic acid)

I. Woo, Chung-sung

II. Riu, Pin-tai

III. Wang, Tao-sung

63-14030

Office of Technical Services

A List of Chinese Ticks, by Fao-ling Itoh, ~~Wang~~
Hoo, 29 pp

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CHINESE, Journal of Entomology, Vol I, No 2, 1950,
pp 193-222.

NIH 11-49

Sci - Medicine
Dec 59

102,663

(DC-545)
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Ten Years' Development of Physics in China,
by Wang Chu-shi, Wang Shou-wu, Woo Yu-hsun, etc.,
9 pp.

CHINESE, par, Wu-li Hsueh-pao, Vol XV, No 10,
1959, pp 507-512.

JPRS 8182

155, 422

Sci - Phys
Jun 61

Wood, Paul Robert.
MATERIAL FOR WATERPROOFING, CAULKING
ROAD CONSTRUCTION AND SURFACING AND ALSO
CEMENTING, BASED ON BITUMINOUS MATERIAL
WITH THE ADDITION OF PLASTICS. [1962] 5p
7 refs

Order from DTIC or NIA \$1.10

62-14809

Trans. of German Patent 1,085,806 (US271,156) filed
by United States Rubber Co., New York, appl.
14 Apr 58, pub. and granted 21 July 60 (Priority U.S.
10 June 57)

DESCRIPTORS: *Bituminous coatings; *Plastics;
Weatherproofing; Roads; Construction; Pavements;
Adhesives

The material consists of a mixture of a bituminous
material preferably tar, and a liquid polyurethane pre-
polymeride (polyester or ether-polyisocyanate com-
bination) in (R/F) v. 8, no. 10 (over)

62-14809

- I. Title: Caulking
- I. Wood, P. R.
- II. Patent (Germany) 1,085,806

0726221

Official Technical Services

THE STABILITY OF AN INTERFACE BETWEEN MISCIBLE
FLUIDS IN A POROUS MEDIUM, BY ROBIN A. WOODING

GERMAN, PER, ZEIT FÜR ANGEWANDTE MATHEMATIK
UND PHYSIK, VOL XIII, NO 3, 25 MAY 1962.

AF 1501263

SCI-PHYS

SEPT 62

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Woodward, R. B.
STRUCTURE AND BIOGENESIS OF THE MACROLIDES,
A NEW CLASS OF NATURAL SUBSTANCES. [1964] 25p
29 refs

Order from SLA \$2.60

TT-64-14739

Trans. of Angew[andte] Chem[ie] (West Germany) 1957,
v. 69, no. 1/2, p. 50-58.

TT-64-14739

I. Woodward, R. B.

5419

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

Office of Technical Services

Recent Developments in the Chemistry of Natural
Substances, by R. B. Woodward, 15 pp.

ROMAN, per, Angewandte Chemie, Vol LXVIII, No 1,
1956, pp 13-20.

SLA 60-14043

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Major World's Powers in Eastern Hemisphere Party,
by Major World's Powers,
ORIGINAL, 1st Edition, 21 May 1964, p. 2.
JAN 1965

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Feb
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Edgar Snow's Report on Soviet Communism Party
by Edgar Snow, J. M.
GORDON, Jr. Washington, 21 May 1944, p. 4
SPES 27000

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WZ-Soviet Union
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Jul 64

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Standards for PVC Films and Leathercloth in Other
Countries, by F. Woolrab.

GERMAN, per, Wirtschaft Österreichs, Vol X, No 2,
1956, pp 35-39.

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The Born-Huang Lattice Dynamics and the
Elastic Constants of Crystals, by N. Joel,
W. A. Wooster, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VII,
No 4, 1962, pp 526-533.

Amer Inst of Phys
Sov Phys - Crystal
Vol VII, No 4

Sci

Mar 63

232,732

An Automatic Recroding Microdensitometer
Designed for X-Ray Crystallography, by
W. A. Wooster, 7 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 5,
1960, pp 788-794.

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Sov Phys - Crystall
Vol V, No 5,

Sci

Aug 62

200,007

Automatic Setting and Registration in Connection
with X-ray Diffractometers, by W. A. Mooster,
741.

RUSSIAN, per, Kristallografiya, Vol V, No 3,
1960, pp 371-382.

AIP
Sov Phys - Crystall
Vol V, No 3

201,839

Sci

Jan 62

Caracteristiques speciales exigees des appareillages
nucleaires et leur influence sur les methodes
traditionnelles de fabrication, by W. R. Wootton,
27 pp.

ITALIAN to FRENCH, per, Ingegneria Nucleare, Vol II,
No 6, 1959, pp 291-301. 9214739

CEA-X-261
REVERSE TRANSLATION

Sci
Nov 63

A Solid Culture Medium for Permanent Cultures
of Pathogenic Leptospira, by Hermann Moratz, 5 pp.

Full translation.

GERMAN, per, Z f Hyg, Vol CXXXIV, No 1, 1952,
pp 78-80.

NIH

Scientific - Medicine Aug 53 CTS/DEX

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Effect of Calcium Ions on Vascular Resistance,

by M. Grojec, T. Worblowski, 8 pp.

POLISH, per, Acta Physiologica Polonica, Vol XIV,

No 6, 1965.

OTS 63-11407/6

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Phase Diagram of the Aluminum Oxide-Water System
by K. Tarkar, H. Morel, 10 pp.

USDA, Agr. Monograph Series, Vol LXXVIII, 1957,
pp 139-74R.

AD-570 327

Sci - Chem

AD-570

Sci - Chem
AD-570 327

On the Possibility of Evaluating Ultrahigh
Vacuum With the Aid of an Emission Microscope
by Wojciech Lenkow, Czesław Warkowski, 5 pp.

POLISH, per, Przegląd Elektroniki, Vol III,
No 11, 1962, pp 646-648. 9669394

FTD-TT-63-377

Sci-Electro
July 63

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On the Possibility of Evaluating Ultrahigh
Vacuum With the Aid of an Emission Microscope
by Wojciech Lonkow, Czeslaw Workowski, 5 pp.

POLISH, par, Przegląd Elektroniki, Vol III,
No 11, 1962, pp 646-648. 9669394

FTD-TT-63-377

Sci-Electro
July 63

236,064

A Method for Determining the Radial Density and
Temperature Pattern in High-Pressure Xenon
Discharge, by Manfred Worn.

RUSSIAN,

FID-TT-64-87375

Sci
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(SF-L855)

CHIPPING MACHINE TOOLS AT THE 1961 LEIPZIG
SPRING FAIR, BY ~~DIEBOLD~~, H. WOFEL, ~~WOLFGANG~~
E. MEIER, 20 PP.

GERMAN, PER, MASCHINENBAU TECHNIK, NO 7, JUL 1961,
PP 340-355.

JPRS 12279

EEUR=GERMANY
ECON.
FEB 62

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A Method for Determining the Speed of Sound and
the Temperature of Air by the Use of a
Microphone, by Herbert H. H. H.
GUTHRIE, JR., Department of Physics,
Vol 28, No 1, 1946, pp 1-4. 100000
F12-77-44-000

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Sol - Figs
Oct 64

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Chemical and Structural Investigations on
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