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Kh. Moimam, 3 pp.

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Sov Phys - Solid State
Vol III, No 11

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CIA/FDD/X-397

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Jun 53 CTS/DEK

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Studies on Synthetic Fibers. Part VIII. ¹⁰⁷
Synthesis of Polycapramide Intermediate
Products, by K. Hoshino, I. Noisiki.
JAPANESE, per. Nippon Kagaku Zasshi, Vol
63, No 9, 1942, pp 1179-1174.
NTC 69-10843-11E

I. Noisiki

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[10p] (foreign text included) 8 refs
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Trans. of Archives d'Optalmologie (France) 1930,
v. 47, no. 9, p. 601-603.

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I. Notaszewski, K.

85376

(Biological Sciences--Physiology, TT, v. 12, no. 2)

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Noji, R.
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der Augen). [1961] [18p] 30c
Order from SLA \$1.60

I. Noji, R.

TT-61-14354

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10 Jan 61, 8p. (13 figs. omitted).

Order from LC or SLA ml\$1.80, ph\$1.80 61-15688

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The invention is characterized in that the student desks are electronically connected to the teacher's desk so the teacher can successively check the work of the individual students. The equipment provides auxiliary apparatus such as: circuit boards, technological boards, and oscillographic devices designed for practical teaching.

(Engineering--Electronic, TT, v. 5, no. 8)

61-15688

1. Electronics--Study and teaching
 2. Training devices--Design
- I. Noja, G.
 - II. Patent (Italy) 480 404
 - III. Patent Office, Washington, D. C.

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RUSSIAN, rpt, ~~Antropometricheskoe Malozhukovskoe~~
Militariy Zhurnal, Nov, 39 pp.
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Yu. D. NOLCHANOV

From the Colonies to the Community, by E. Nolde.

FRENCH, per, Revue de Defense Nationale, Feb 1959,
pp 263-279.

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Africa - Algeria

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by Direct Energy Measurements, by G. K. Gurtovoy,
M. V. Kol'ko, 10 pp.

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Pipes, by B. S. Petukhov and L. D.
Nol'de.

RUSSIAN, per, Soplochnyye, 1959,
No 1, Vol 6, pp 2-30.

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L. D. Nol'de

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I. Title: Working ...

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Experience with Simultaneous Double-Sided
Polishing of Plate Glass, by M. P. Nol'kon,
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Russian, per, Steklo i Keramika, Vol XV, No 2
1958, pp 7-11

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Dependence of Beating on Temperature, by A. Noll,
5 pp.

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1948, pp 51, 52.

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Measurement of diffusion Coefficients in
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tinuous Experimental Method of Radioactive
Surface of 1 into AgI, by J. Nolting, 14pp.
GERMAN, per, Zeitschrift fur Physikalische
Chemie Neue Folge, vol. 32, 1962, pp.154-167
*CPSTI TT 76-38095

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apr 70

J. Nolting

63-18810

Nosaki, Ryo, Hori, Fumiaki, and Kurihara, Kanjtn.
METHOD OF PHOTOMETRIC DETERMINATION OF
OXALIC ACID AND CALCIUM BY USING ULTRA-
VIOLET ABSORPTION OF IRON OXALATES (III) COM-
PLEX BODY. [1963] 6p. (figs. tables omitted) 3 refs.
Order from SLA \$1.10 63-18810

I. Nosaki, R.
II. Hori, F.
III. Kurihara, K.

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82,
no. 6, p. 713-715.

DESCRIPTORS: *Oxalic acids, *Calcium, *Iron com-
pounds, Oxalates, *Complex compounds, *Perchlorates,
*Ultraviolet spectroscopy, Chlorine, Sulfuric acid,
Acetic acids, Tartrates, Citric acids.

00767

A method for the photometric determination of oxalic
acid and calcium was tried by using the ultra-violet ray
absorption of iron oxalates (III) complex body with the
composition of 1 : 1. In a solution (whose pH is 0.87)
(Chemistry--Analytical, TT, v. 10, no. 12) (over)

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63-20632

Noll, August.
THE BEHAVIOR OF BITUMENS AND SOFT PITCH
DURING HEATING. 29 Apr 52 [8p]
Order from SLA \$1.10 63-20632

I. Noll, A.

Trans. of Wochenblatt für Papierfabrikation (West
Germany) 1948, v. 76, no. 5, p. 108-110.

DESCRIPTORS: *Bitumens, *Pitch (Material), Heating,
*Paper industry, Coatings.

6214

(Materials--Paper, TT, v. 10, no. 12)

Office of Technical Services

Noll, August and Hölder, Fritz.
CONCERNING THE DETERMINATION OF LIGNIN
IN PAPER PULP, REPT. 1. [1963] [19]p. (figs.
omitted) 3 refs.
Order from SLA \$1.60

63-14104

Trans. of Papier-Fabrikant (Germany) 1931 [v. 29]
no. 30, p. 485-490.

DESCRIPTORS: *Lignin, Paper, Wood pulp, Chemical
analysis, Hardness, Hydrolysis.

A rapid method is described for the determination of
lignin in pulps which can be carried out with the
simplest accessories. The method relies on the use of
the so-called powdered material, a dust-fine material
produced by a specially constructed grinder. Sac-
charification of the carbohydrate material is brought
about by a new method with 78% sulfuric acid in the
(Materials--Wood, TT, v. 10, no. 2) (over)

63-14104

I. Noll, A.
H. Hölder, F.

1209682

Office of Technical Services

Noll, August and Hölder, Fritz.
STANDARD METHOD FOR THE DETERMINATION
OF THE LIGNIN-CONTENT OF BLEACHED AND
UNBLEACHED PULPS, REPT. 3. [1963] 8p. (figs.
omitted) 13 refs.
Order from SLA \$1.10 63-14109

Trans. of Papier-Fabrikant (Germany) 1934 [v. 32]
no. 15, p. 169-170.

DESCRIPTORS: *Lignin, *Wood pulp, Chemical
analysis, Bleaching, Resins, Paper industry.

Two parallel research series were drawn up, in
which one is designed for the quantitative determina-
tion of the lignin content while the second serves as a
test of the completeness of the saccharification.
(Author) (See also 63-14108)

(Materials--Wood, TT, v. 10, no. 2)

63-14109

I. Noll, A.
II. Hölder, F.

63-14109

Office of Technical Services

63-14108

Noll, August], Bolz, F., and Fiedler, H.
IMPROVEMENT OF THE METHODS FOR LIGNIN
DETERMINATION IN PULPS, REPT. 2. [1963] 14p.
Order from SLA \$1.60 63-14108

- I. Noll, A.
- II. Bolz, F.
- III. Fiedler, H.

Trans. of Papier-Fabrikant (Germany) 1932 [v. 30]
no. 43, p. 613-616.

DESCRIPTORS: *Lignin, *Wood pulp, Chemical
analysis, Paper industry.

It is shown by experimental examples that the resin,
which is precipitated at the same time, increases the
lignin determination. Several ways are shown of ob-
taining a resin-free lignin which provides an improve-
ment in the general method. A new routine of opera-
tion is given which makes it possible to analyze
bleached pulps with exceptionally low lignin contents.
(Author) (See also 63-14104)
(Materials--Wood, TT, v. 10, no. 2)

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Microscopic Fiber Analysis, by August Noll, 7 pp.

GERMAN, pap, Papier-fabrikant, Vol XXXVI, 1938,
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SLA 59-15244

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The Structure of a Vitamin K₂-Compound From Tubercle
Vacilli and the Synthesis of Higher Isoprenologues
of the Vitamin K₂ Series, by H. Moll, R. Rugg,
U. Gloor, 13 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XLIII,
No 1, 1960, pp 433-438.

NIH 3-4-61

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Development Aspects of Silicones in Germany, by
Habil W. Noll, 7 pp. (AF-655587)

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1955, pp 97, 98. CIA 56 3435

ATIC F-TS-8606/III

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Noll, W.

RECENT INVESTIGATION OF REACTIONS IN
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hungen von Reaktionen in Wasserhaltigen Silicat-
Systemen). [1961] [27]p. (foreign text included)
20 refs.

Order from SLA \$2.60

62-10446

Trans. of die Chemie (Germany) 1944, v. 57,
no. 13/16, p. 90-94.

DESCRIPTORS: Water, *Silicates, Hydrates, Chemi-
cal reactions, Phase studies, *Aluminum compounds,
*Silicon compounds, *Oxides, Reaction kinetics.

(Chemistry--Inorganic, TT, v. 8, no. 9)

I. Noll, W.

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Noll, W., Damm, K., and Fauss, R.
STUDY OF THE SYSTEM $\text{SiO}_2/\text{H}_2\text{O}$: SILANOL AND
WATER CONTENTS IN AMORPHOUS, HIGHLY
CONDENSED SILICIC ACIDS AND THEIR BEHAVIOR
IN DEHYDRATION AND REHYDRATION. [1962]

28p. 24 refs.

Order from SLA \$2.60

62-18665

Trans. of Kolloid Zeitschrift (West Germany) 1960,
v. 169, no. 1/2, p. 18-28.

DESCRIPTORS: *Silicic acids, Dehydration, *Silicon
compounds, Dioxides, *Water acids, Condensation,
Chemical reactions, Reaction kinetics, Gels.

(Chemistry--Physical, TT, v. 9, no. 8)

62-18665

I. Noll, W.
II. Damm, K.
III. Fauss, R.
IV. Title: Silanol. . .

62-18665

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<p>Noll, W. SEMIBURNT DOLOMITE (Über den Halbgebrannten Dolomit). [23p] (foreign text included) 22refs Order from SLA \$2.60 TT-64-16591</p> <p>Trans. of Angew[andte] Chemie (West Germany) 1950, v. 62, no. 23/24, p. 567-572.</p> <p>(Materials, TT, v. 12, no. 3)</p>	<p>TT-64-16591</p> <p>I. Noll, W.</p> <p>5174</p> <p>Office of Technical Services</p>
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Noll, W., Damm, K. and Krauss, W.
CONDENSATION AND HEAT RESISTANCE OF
SILICON RESINS. [1961] 21p. (illus. equations
omitted) 10 refs.

Order from SLA \$2.60

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Trans. of Farbe und Lack (West Germany) 1959,
v. 65, no. 1, p. 17-24.

DESCRIPTORS: *Silicone resins, Resins, Conden-
sation reactions, Heat resistant polymers.

A new method is described for determining the
functional silanol groups and the water content in
silicon resins, and the silanol and water content of
various types of resin are determined. The conden-
sation behavior of silicon resins is studied with the
aid of this method and of infrared spectroscopy.
This can be combined in two phases, not sharply
distinct from each other: a first phase in which
(Materials--Plastics, TT, v. 8, no. 3) (over)

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III. Krauss, W.

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Synthesis of Serpentine Asbestos, by W. Noll.

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Bur of Mines,
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Recombination Radiation in Cadmium Telluride
During Excitation by Pulses of Fast Electrons,
by V. S. Vavilov, E. L. Nolle, et al, 11 pp.
RUSSIAN, per, Fiz Tverdogo Tela, Vol XI,
No 5, 1964, pp 1406-1412,
JPRS 25344

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Polyarthritic Syndrome in the Pre-Icteric Period of
Botkin's Disease, by L. Ia. Nolle (Riga), 11 pp.

Full translation.

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Carrier Generation Centers in Diffused Silicon p-n
Junctions, by Ye. L. Nolle, G. N. Gal'din, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 8, 1961,
pp. 2350 - 2354

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Vol III, No 8

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Noller, E. C.

SELF-LOCKING NUT. [1962] 5p.

Order from ATS \$8.00

ATS-43P61F

Trans. of Belgian patent 525, 585, appl. filed 8 Jan 54,
granted 30 Jan 54.

DESCRIPTORS: *Self-locking nuts, Nuts (Mechanics).

(Machinery--Machine Parts, TT, v. 8, no. 5)

62-17686

I. Noller, E. C.
II. Patent (Belgium) 525 585
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IV. Associated Technical
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Orange, N. J.

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The Decomposition of Alkyl Chlorides on Hot
Tungsten Wires; A Case of Pseudo-
heterogeneous Catalysis, by G. M. Schwab, D. M.
Young, H. Noller, 28 pp.

GERMAN, per, Zeitschrift fur Physikalische Chemie,
Vol XVIII, 1958, pp 118-200.

SLA 60-14015

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TT-64-18157

Noller, H. and Ostermeyer, K.
ON THE ACTION MANNER OF SALT CATALYSTS AT
THE SEPARATION OF HYDROGEN CHLORIDE FROM
ALKYL CHLORIDES. 12p (8 figs omitted) 24refs.
Order from SLA \$1.60 TT-64-18157

I. Noller, H.
II. Ostermeyer, K.

Trans. of Z[eitschrift] für Elektrochemie (West Germany)
1956, v. 60 [no. 8] p. 921-929.

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(Chemistry--Physical, TT, v. 12, no. 7)

Characterization and Catalytic Action of Solids,
H. Noller, 28 pp.

GERMAN, per, Angew Chem, Vol LXVIII, No 24, 1956,
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Separation of Isotopes in a Circular Stream, by
H. J. Marba. H. G. Holler, 16 pp.

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No 6, 1961, pp 569-577. 9092290

AEC TR 4775

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Fine Vacuum Pumps According to the τ Roots Principle, by H. G. Noller, R. Thees.

GERMAN, per, Verein Deutscher Ingenieure Z,
Vol XCIX, 1957, pp 613-619.

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Physical Processes in Diffusion Pumps and Ejector
Pumps. II. The Intermixing of Air and Operating
Vapour, and Pumping speed, by H. G. Moller, 13 pp.

GERMAN, per, Z fuer Angew Phys, Vol VII, 1955,
pp 225-229.

AEC-HP-Tr-243

Sci - Phys
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PARTIAL PRESSURE ANALYSES OF THE FINAL
PRESSURE OF OIL DIFFUSION PUMPS BY THE
OMEGATRON, BY G. REICH, H. O. NOLLER,
15 PP.

GERMAN, PER, Z. FUER ANGEW PHYSIK, VOL IX,
NO 12, 1957, PP 617-621. 9082396

AEC UCRL TR-700

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Comparison of the Topotec and Cigarettes
Partial Pressure Measuring Device, by G. Reich,
N. G. Noller.

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GERMAN, JPL, Transactions of the High Vacuum
Symposium and Second International Conference,
Washington, D.C., 18-19 Oct 1961, pp 560-562.
NASA TT F-9288

N. G. Noller

Sci-Engt
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62-14327

Nolte, H.

CLINICAL EXPERIENCES WITH HYPERTENSIN-II
AMIDE (Klinische Erfahrungen mit Hypertensin-II-Amid)
[1962] 10p. 23 refs.
Order from SLA \$1. 10

62-14327

I. Nolte, H.

Trans. of der Anaesthesist (Germany) 1961, v. 10,
[no. 8] p. 242-245.

DESCRIPTORS: *Drugs, Therapy, *Traumatic shock,
*Hypertensin, Epinephrine, *Amides.

512013

Some 15 cases of peripheral vasodilation are described.
Treatment consisted of i. v. infusion of Hypertensin-II-
amide and in 5 cases additional infusion of Noradrenaline.
With the exception of some unimportant factors the re-
sults agree with those of Bergmann, and Wels. Con-
trary to Bergmann the Hy-treatment is not considered as
an ultima-ratio-therapy but the non-plus-ultra treatment
(Biological Sciences--Pharmacology, TT, v. 8, no. 3)
(over)

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E
MOSCOW CENTER OR POLYCENTRISM, BY GUNTHER
HOLLAU, 15 PP.

GERMAN, PER, OSTEUROPA, VOL XII, NO 10,
1968, PP 659-668.

JPRS 16288

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NOV 68

819, 719

DIFFUSION EFFECTS IN CATALYSIS WITH ION EXCHANGERS,
BY HEINRICH NOLLER, AGATHE HASSLER, 5 PP.

GERMAN, PER, Z. FUR PHYSIKALISCHE CHEMIE
FRANKFURT, VOL XI, 1957, PP 267-272.

OTS 60-19164

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11 OCT 62
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Problems in Anaesthesia-1st Installment, 56
by H. Nolte,
GERMAN, per, Wehrmedizinische Monatsschrift,
No 1, 1966, pp 74-75.
*ACSI I-9785
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H. Nolte

EEur/Mil/Germany
May 66

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Histologic Aspects Pertaining to the Problem of
Oxygen Poisoning, by Hartmut Nolte, 16 pp.
GERMAN, rpt, Schiffahrtsmedizinisches Institut der
Marine, pp 159-149.
Dept of Navy NIC Trans 3026

Hartmut Nolte

Sci/B&M
May 70

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Selection and Upraising of Gum Inhibitors and Metal-
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Noltes

GERMAN, mo per, Erd Oel und Kohle, Vol IX, No 12,
1956, pp 853-857.

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Sci - Fuels; Chem
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Self-Diffusion of Aricns in Agl and Cul,
by J. Molting, 3 pp.

CERMAN, per, Zeitschrift fur Physik
chemie Neue Folge, vol. 19, 1959,
pp. 118-120.

*CPSTI TT 70-58075

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Sci/chem
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J. Molting

Measurement of the Diffusion Coefficient in Solids
at Different Temperatures With a Continuous Method Using
the Technique of Radioactive Surfaces, by
E. Holtz, 10 pp.

GERMAN, per, Zeit Physik Chem, Vol XXXII, 1962,
pp 154-167, 9207663.

AEC-Tr-5761

Sci - Phys
Jun 63

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The Influence of Small Additions on the
Recrystallization Behaviour of Super-Purity
Aluminium, by G. Masing, K. Lucko, and P.
Nolting, 34 pp.

GERMAN, per, Z. Metallkunde, Vol XLVII, No 2,
Feb 1956, pp 64-74.

BLA 57-2341

Sci

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Nöltling, P.

POSSIBILITIES OF AUTOMATION IN CONTINUOUS
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Order from SLA \$1.10

62-14645

Trans. of Zeits[chrift] f[ür] Erzbergbau und Metall-
hüttenwesen (West Germany) 1961, v. 14, no. 1,
p. 32-35.

DESCRIPTORS: *Casting, *Automation, Metals, Mold-
ing, Liquid metals.

(Metallurgy, TT, v. 8, no. 7)

62-14645

1. Nöltling, P.

C222975

Office of Technical Services

The Influence of Small Additions on the Re-crystallization Behavior of Super-Purity Aluminum, by G. Hasing, K. Lucke, P. Molting.

GERMAN, per, Z Metallkunde, Vol XLVII, Feb 1956, pp 64-74.

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OT/2476

Sci - Min/met
Nov 57

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Two Mess Halls of a Garrison, by N. Noltorakov, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 25 Mar 1959.

ACSI, H-4013

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Studies of Polyester Paint. Part VII.
Metal Chelate Modified Polyester, by
K. Noma, R. Yosomiya.
JAPANESE, per, Shikizai Kyokaishi, Vol 38,
NO. 9, 1963, pp. 423-8/
NTC 69-10504-11C

K. Noma

Sci-Mat
July 69

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Studies of Polyester Paints. Part VIII.
Modified Polyester Resin with Tetra-
hydrofurfuryl Derivatives, by K. Noma,
R. Yosomiya.
JAPANESE, per, Shikizai Kyokaiishi, Vol 37,
No 2, 1964, pp. 51-7.
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An intimate relationship was found between the excitation
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23 Apr 55, cl. 113-C-12 (appl. no. 1904/1953,
15 Feb 53) by Shimizu Factory Inc. (Abstract available)

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analysis, *Electric bridges, Circuits, Resistors,
Gases, Thermal conductivity.

The invention relates to a null-adjusting device for gas
analysers which is characterized by that the sample
gas contacting heat-generating resistant body which is
inserted as one side of the bridge circuit is devised in
such a manner that it may be brought into contact with
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TT-64-12359

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