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Compounds and Active Methylene Groups. II.  
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6 pp.

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1953, pp 1216-1218.

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AEC Tr 2455

SLM/1658/7

Scientific - Chemistry

May 56 OIB/DEX

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Kimura, Nobuyoshi.  
AUTOMATIC DESIGN OF MULTILAYER DIELECTRIC  
FILMS, I, tr. by Shingo Tsunokane. 1963 19p 4refs  
Technical Trans. 1085.  
Order from NRCC \$1.00      NRCC C-4500

I. Kimura, N.  
II. NRCC TT-1085  
III. NRCC C-4500  
IV. National Research Council  
of Canada

Trans. of Oyo Butsuri (Japan) 1962, v. 31, no. 9,  
p. 739-745.

DESCRIPTORS: \*Dielectric films, Synthesis, Refrac-  
tive index, \*Optical properties, Design, Numerical  
analysis, High-pass filters, Band-pass filters

1252370

(Physics--Solid State, TT, v. 10, no. 10)

Office of Technical Services

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Keinosuke.

POLYMERIZATION OF VINYL ACETATE IN THE  
PRESENCE OF POLYVINYLCHLORIDE. [1963] 11p  
Order from K-H \$11.00 K-H 12792

Trans. of Kagaku to Kogyo [Osaka] (Japan) 1962,  
v. 36, p. 129-132, 142.

DESCRIPTORS: \*Polyvinyl chloride, \*Acetates,  
\*Vinyl radicals, Polymers, Polymerization.

(Materials--Plastics, TT, v. 10, no. 10)

63-22521

- I. Kimura, T.
- II. Ishida, I.
- III. Yoshida, K.
- IV. K-H-12792
- V. Kresge-Hooker Science  
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Detroit, Mich.

25236

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Various Japanese Minerals. (Chemical Study of the  
Oriental Ores Containing Rare Elements, XIII), by  
K. Kimura and Y. Koyama, 15 pp.

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AEC-tr-4482(p.694-712) Uncl.

EXPERIMENTAL CONSTRUCTION OF A RADIOACTIVE  
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T. Isahaya.

C-23 P NSA

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Radioisotopes, Feb 1968

N-4

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C-23    P    NSA

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Radioisotopes, Feb 1958*

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PROGRES RECENTS DANS LES COLORANTS DE  
SENSIBILISATION (Recent Progress in Sensitizing  
dyes). 51 p., 182 refs., CNRS-XVIII 83.  
Order from OIS, EIC or CNRS \$5.60      TT-62-28872

TRANS. in French of Fuji Photo Film Co., Ltd.  
Scientific Publications (Japan) 1953, no. 1, p. 76-94

DESCRIPTORS: Photographic emulsions; Catalysts;  
Organic pigments; Photosensitivity.

TT-62-28872

I. Kimura, S.  
II. CNRS-XVIII 83  
III. Centre National de la Recherche Scientifique, Paris



AEC-tr-4482(p.694-712) Uncl.

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AEROSOL PROCESSING DEVICE. S. Kimura and  
T. Isahaya.

C-23 P NSA

*General Japan Conference on  
Radioisotopes, 1958*

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Production of Iron Strip from Metal Powder, by  
T. Kimura, E. Hirabayashi,  
JAPANESE, per. Japan Society of Powder Metall-  
urgy, Vol 10, No 9, 1963, pp 172-180.  
HB 6976

*T. Kimura*

Sci-cat  
Oct 67

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Production of Iron Strip from Metal Powder, by <sup>96</sup>  
T. Kimura, N. Mizoguchi.  
JAPANESE, FOR, JAPAN SOCIETY OF PHYSICS  
MAGAZINE, Vol 20, No 9, 1963, pp 172-180.  
IS 6716

*T. Kimura*

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B. KIN, A. GRISHIN, N. GRITSYNIN, 8 PP.

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VOORUZHENNYKH SIL, NO 12, 1961, PP 54-61.

ACSI H-6908-L  
ID 2166459

SCI

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19 JUL 62

(NY-5794)

The Comparative Study on Central Action of  
Rauwolfia A and Reserpine, by Kin Kuo-chang,  
Tsou Kong, Hsu Kuang-lu, Tang Hsi-kan, et al,  
17 pp.

CHINESE, per, Yao-hsueh Hsueh-pao, Vol VII, No 9,  
Dec 1959, pp 346-354.

JPRS 7757

Sci - Med

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Kin, Z.

INVESTIGATIONS ON STARCH RETENTION IN PAPER, ESPECIALLY IN DRAWING CARDBOARD. [1961] 7p. (4 figs. omitted).  
Order from SLA \$1.10

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Trans. of Przegląd Papierniczy (Poland) 1960, v. 16, no. 8, p. 225-228.

DESCRIPTORS: \*Starches, \*Paper, Sizing, \*Paper industry

Laboratory tests showed that starch gelatinized in water (in a hot state) is retained by cellulose fibres in quantities not exceeding 3% and almost irrespectively from the amount of starch added based on the weight of the fibres. Starch prepared by this method should not be added into the hollander in quantities greater than 5% by weight. Most suitable is the addition of starch (Materials--Paper, TT, v. 7, no. 8)      (over)

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I. Kin, Z.

*NLI M. 4651*

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JAPANESE, per, Brit J Med, vol 4, 1933,  
pp 89-92.  
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S. KIN

Sci-334  
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On Interactions Among Ions of a  $\text{BaTiO}_3$  Crystal  
and On Its  $180^\circ$  Type Domain Boundaries, by  
W. Kinaga. 46 pp.

JAPANESE, per, *Bussiron Kenkyu*, No 69, 1953,  
pp 145-180.

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Sci - Chemistry, Physics  
Sep 57

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V. I. Lenin and the National Liberation Movement, by D. Kinayev, 13 pp.  
RUSSIAN, par. ~~Kop~~ ~~1969~~, Moscow, no 17, 28 Nov  
1969, pp 50-60.  
JPRS 49679

*D. Kinayev*

USBR  
fol  
Feb 70

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X-Ray Diffraction Study on Internal Stress and  
Structure of Evaporated Gold Films. II, by  
A. Kishara, 7 pp.  
JAPANESE, per, Oyo Bunko, Vol XXX, No 9, 1961,  
pp 647-663. 9239123  
AEC-SC-T-65-727

Sci-Phys  
Aug 65

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**X-Ray Diffraction Study on Internal Stress and  
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9 pp.  
**JAPANESE, par. QTR Report, Vol XXX, No 7,  
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Aug 65**

**286,394**

Reliability of Diversity Reception of Two Unequal  
correlated signals, by B. Kimber, M. F. Bakhareva,  
4 pp.

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1960, pp 1726-1727.

PP

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**AKK**

**Sci  
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**194,948**

The Space Structure of the Radiation Pattern and  
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Reflector Antenna, by B. E. Kinber, 11 pp.

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1960, pp 720-726.

PP

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Theory of Regenerative Systems with Random  
Pulsing, by M. Ye. Gartsenshteyn, B. Ye. Klyber,  
9 pp.  
RUSSIAN, per, Radiotekhnika i Elektronika, Vol VIII,  
No 7, 1963.

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Apr 64

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Diffraction of Electromagnetic Waves by Concave  
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9 pp.

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Theory of Reflectors of Special Shape, by B. E.  
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**Pergamon Press**

**Sci - Electron**

**Sep 59**

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B. E. Kimber and A. M. Pokras, 12 pp.

RUSSIAN, no par, Radiotekh, Vol XII, No 7, 1957,  
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Pergamon Institute

Sci - Electronic  
Apr 58

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Solution of Inverse Problem of Geometric Acoustics,  
by B. E. Kimber, 5 pp.

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pp 221-225.

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Sov Phys Acoustics  
Vol I, No 3, 4

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Sci Physics  
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Diffraction of Electromagnetic Waves on a  
Concave Spherical Surface, by B. Ye. Kinber,  
5 pp.

RUSSIAN, per, Radiotekh i Elektron, No 10,  
1961.

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The Role of Diffraction at the Edges of a  
Paraboloid in Fringe Radiation, by  
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1962.

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Decoupling of Two Closely-Spaced Reflectors, by  
B. Ye. Kimber, pp. 8.

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REF G-110

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Kinber, 3 pp.  
Unclassified,

RUSSIAN, per, Radiotekhnika, Vol XI, No 12, Dec  
1956, pp 53-54. CIA 639192

ATIC F-TB-9189/v

Sci - Electronics

Nov 58

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<p><b>Khinchin, A. Ya.</b> <b>CONTINUED FRACTIONS 3D ED. 1963, 115p</b> Order from Scripta Technica, Inc., 1000 Vermont Ave., N. W., Washington, 5, D. C.</p> <p>Trans. of mono. [Tsypne Drobl, 3d ed., Moscow, 111p].</p> <p><b>DESCRIPTORS:</b> *Continued fractions, Measure theory.</p> <p>(Mathematics, TT. v. 10, no. 12)</p>	<p><b>63-22669</b></p> <p><b>I. Khinchin, A. Ya.</b> <b>II. Scripta Technica, Inc.,</b> <b>Washington, D. C.</b></p> <p>6311</p> <p>Office of Technical Services</p>
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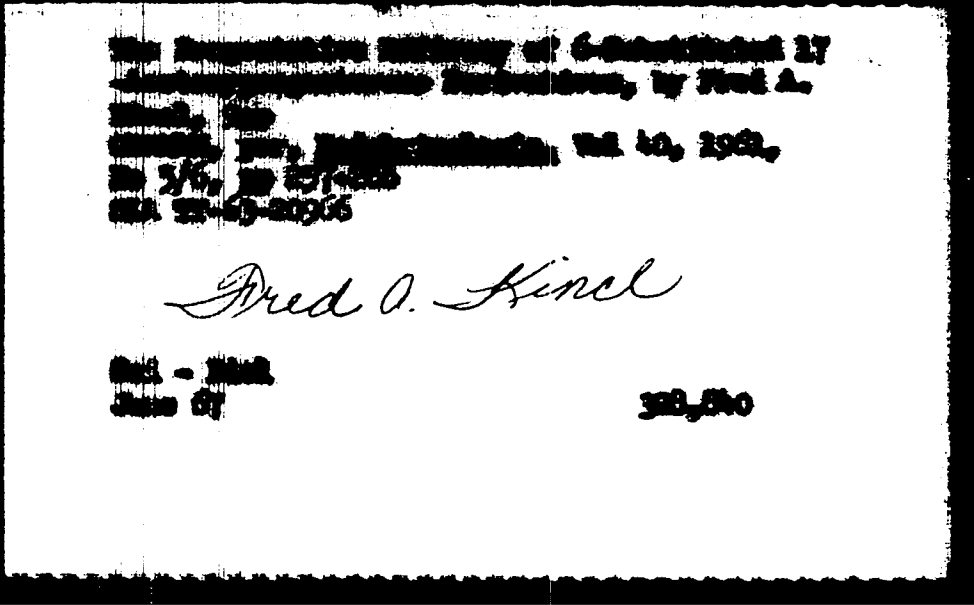
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1953, pp 3-20.

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RT-3946

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Sep 56 CTE/dex



Determination of Molecular Weight by Means of  
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pp 143, 144.

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Bu of Mines  
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Bartlesville, Okla.  
Tr 65

Sci - Chem

ASLIB GB39

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Observations on the Antispasmodic Effects of Ridol, by Frigyes Gotz, Jozsef Kincses, 4 pp.

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JPRS 11759

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Jan 62

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Kind, E. G.  
PRODUCTION OF SINGLE-GRAIN LAYERS FROM  
NORMAL EMULSIONS BY DYEING. [1961] 10p.  
3 refs.

Order from SLA \$1. 10

61-18703

Trans. of Z[eitschrift fur] Wiss[enschaftliche]  
Phot[ographie, Photophysik und Photochemie] (East  
Germany) 1959, v. 53, no. 10/12, p. 226-237.

DESCRIPTORS: \*Photographic emulsions, \*Dyes, Ab-  
sorption, Gelatin, Silver compounds, Bromides,  
Photographic chemicals, Photographic equipment,  
Photographic plates, Density, Metallic crystals, Metal  
coatings, Single grains.

By dyeing photographic emulsions with absorbing dyes,  
the properties of photographic emulsions can be con-  
siderably changed. The emulsions obtained in this  
(Materials--Photographic, TT, v. 6, no. 12) (over)

61-18703

I. Kind, E. G.

Office of Technical Services

The Neurosecretory Cell System in the Lepidopteran  
Brain (Lepidoptera, Insecta), by A. A. Panov, T. V.  
Kina, 5 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Section,  
Vol CLIII, No 5, 1965, pp 1186-1189.

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May 65

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Some Problems on the Heat Evolution of Hardened  
Cements, by Ts. G. Ginsburg, V. V. Kind, 9 pp.

RUSSIAN, *Truzent*, Vol XXVI, No 4, 1960,  
pp 11-15.

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Sci - Phys

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D. Kind

Hermetic Air Seal With Nitrogen Cushion of Oil  
Insulated High Voltage Apparatus.  
ELEKTRIZITATSWIRTSCHAFT, Vol 58, No 5, 1959,  
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SDI Trans 29075

Feb 73

Portland Cement Slag as a Binder for Hydrotechnical  
Concrete, by Ts. G. Ginsburg, V. V. Kind, 8 pp.

RUSSIAN, per, Tsement, No 2, 1957, pp 1-8.

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Sci - Engineering  
Jul 58

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Corrosion of Cements and Concrete in Hydrotechnical  
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RUSSIAN, no par, Zhur Prik Khim, Vol XXIX, No 5,  
May 1956, p807.

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Sci - Chem  
Feb 57 CTS

Effect of Chlorides on the Speed of Sulfate Corrosion  
of Portland Cement, V. V. Kind, 4 pp.

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pp 3-6.

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**Plasticity and Increase in the Strength of Pozzolan  
Portland-Cement Concrete, by V. V. Kind, 7 pp.**

**RUSSIAN, no per, Gidrotekhn Stroitel', Vol XV, No 12,  
1946, pp 19-21.**

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*TC-82/S-A-358-70.213*

**Sci Tr Center RT-368**

**Scientific - Engineering**

*10,159*



Development of Hot Gases in Hot-Drawing Tanks Due  
to Thermal Shock, by L. Kindbon. 74  
STATION, Doc, Arch Month, Vol 35, 1964, pp 773-780.  
REF 5095

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Sci - Materials  
Nov 66

Structure of Nitrided Heat-Treatable  
Steels, by T. M. Noren, L. Kindbon. UNCL.

GERMAN, per, Stahl u Eisen, 25 Dec 1958,  
pp 1881-1891.

British Iron and  
Steel Ind 1941  
(18 5s.0d.)

Sci - Min/Met  
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Production of Carbon Steel by the ...  
by P. Cesselin, J. H. Kindelgn, et al

FRENCH, per, Revue de Metallurgie, Vol LX, 1963,  
pp 237-249.

BISI 3457

Sci-16/M

Jan 64

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**Full tr**

**SPANISH, rpt, Aerotecnica, S. A. Madrid, 1955,  
28 pp. CIA 563972, 600314**

**ATIC F-TS-8756/V**

**Sci - Aeronautics  
Dec 1976 CTS/dec**

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Kindervater, F.  
INVESTIGATIONS INTO THE WETTABILITY OF  
WHITE PIGMENTS, MEASURED BY THE WETTING  
VOLUME METHOD, Aug 63.

Order from TTIS \$36.00

TTIS NS 111

Trans. of Farbe und Lack (West Germany) 1963,  
v. 69 [no. 1] p. 21-26.

DESCRIPTORS: Pigments, Surface-active substances,  
Surface tension, Measurement, Moisture.

(Materials--Paints, TT, v. 10, no. 10)

63-22263

- I. Kindervater, F.
- II. TTIS NS-111
- III. Translation and  
Technical Information  
Services (Gt. Brit.)

A252337

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On Forced Inoculations of Pigs in Foot and Mouth  
Disease, by V. I. Kiudakov, A. N. Melnikov,  
  
RUSSIAN, per, Veterinariya, Vol XXX, No 8, August  
1953, pp 17-18.  
  
USDA  
  
Sci - Biology  
CTS/DEX  
  
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The Period of Preservation of Foot and Mouth Virus in  
Beet Residue, by V. I. Kindiakov, O. S. Nikonova,  
3 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXIX, No 9, Moscow,  
Sep 1952, pp 34, 35.

USDA Tr

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Scientific - Medicine

CTS/DEK

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On the Variability of the Virus of Foot and Mouth, by  
V. I. Kinkalov, A. N. Baiedinov, S. M. Filippovich,  
O. S. Nikonova, 12 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXIX, No 3, Moscow,  
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Scientific - Medicine

GRS/DEK

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Use of Fly-Ash From Thermal Power Stations As  
An Additive to Cement, by V. V. Stoinikov.  
V. V. Kind.

RUSSIAN, per, Gidrotekhn Stroitel, Vol XXXI,  
No 6, 1961, pp 18-22.

MLL M 8871

Sci - Chem  
Feb 63

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Consolidation of Adjacent Rock-Layers with Adhesives,  
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GERMAN, per, Gluckauf, Vol. 94, No. 45/46, 1958,

pp 1636-1639.

GB/198/L.T.S. 2912

*KINDERMANN*

Sci -

July 1967

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Kinetics of Isothermal Transformation of Austenite  
in Plain Carbon Steels During Induction Heating,  
by I. S. Mindin and Yu. A. Salskin.  
RUSSIAN, per, Metallovedenie i Obrab Met. 10 7,  
Jul 1958, pp 10-19.  
RB 4275

Sci-Int  
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*J. N. Kunder*

<p>Kindler, K. PREPARATION OF GLYOXAL BY THE ACTION OF ACETYLENE ON GOLD CHLORIDE OR GOLD BRO- MIDE. [1960] 3p. 3 refs. Order from SLA mi\$1.80, ph\$1.80      61-10011</p> <p>Trans. of [Chemische] Berichte (Germany) 1921, v. 54, p. 647-649.</p> <p>(Unannounced)</p>	<p>61-10011</p> <ol style="list-style-type: none"><li>1. Gold chlorides--Chemical reactions</li><li>2. Acetylenes--Chemical reactions</li><li>3. Glyoxal--Synthesis</li></ol> <p>1. Kindler, K.</p> <p>Office of Technical Services</p>
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The Occurrence of Cyanides in Nitrogenation of  
Calcium Carbide, by H. H. ~~HEE~~ Franck and W. Kindler,  
22 pp.

GERMAN, Zeits Elektrochem, Vol. XLV, 1939, pp 541-548

S. I. A. Tr 587/56

Sci - Chemistry

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AUG 56 CTE/acc

(SF-1376)

The Sacred Cause of Educators, by K. Kindras,  
S. Martsenyuk, 5 pp.

RUSSIAN, per: Nauka i Religiya, No 9, 1961,  
pp 56-58.

JPRS 10899

USSR

*174, 798*

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63-20139

I. Kindt, B.

Kindt, B.  
BEHAVIOR OF GLASS DURING MECHANICAL  
WORKING OF A SPECIAL SORT. [1963] Sp (figs.  
omitted)  
Order from SLA \$1.10 63-20139

Trans. of Glastechnische Ber[ichte] (Germany) 1935,  
v. 13 [no. 7] p. 245-247.

DESCRIPTORS: \*Glass, Mechanical working,  
Machine tools, Mechanical properties.

63-20139

(Materials--Ceramics, TT, v. 10, no. 11)

Office of Technical Services

H. S. Savannah, by ~~KOXX~~ Sv. Kindt-Larsen,  
Niels Krarup, 13 pp.

DANISH, per, Teknisk Information, No 3,

US. Dept of Commerce  
Nat Bur of Standards

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May 61

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Determination of  $\text{Cl}_2\text{Cl}^-$ ,  $\text{HOCl}$ , and  $\text{H}^+$  in Each Other's Presence, by P. S. Kindyakov, M. Ya. Shpirt, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 1, 1962, pp 97-101.

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Revealing the Possibilities of Employing  
Precipitation Reaction in Foot and Mouth  
Disease, by N. N. ~~Buts~~ Dorozin, V. I. Kindyakov,  
UNCLASSIFIED

RUSSIAN, bino per, Mikrobiologiyi Epidemiologiyi  
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Scientific - Medicine

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The Rate of Solution of Copper in Dilute Sulfuric Acid  
Solutions Containing Dissolved Oxygen, by A. I.  
Kinovsky, 10 pp.

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RUSSIAN, no par, Zhur Fizik KHIM Khim, Vol XXVIII, No 10,  
1975, pp 2088-2097. CIA C 82515

35,794

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Scientific - Chemistry  
Jan 56/82x

1. Rate of Solution of Copper in Dilute Solutions of Sulfuric Acid Containing Oxygen and Copper and Iron Sulfates, 5 pp.

2. Acceleration of the Solution of Copper in the Production of Copper Sulfate, by A. I. Kinevskiy, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 3, 1960, pp 603-607; 608-612.

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Use of Sodium Nitrite as an Inhibitor of Steel  
Corrosion in Moist Air Containing Sulfur Dioxide,  
by A. I. Kinevskiy, N. D. Mazover, 6 pp.

RUSSIAN, per, Zhur, Prikl Khim, Vol XXXIV, No 12,  
1961, pp 2705-2710.

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oct 62

The Rate of Solution of Copper in Solutions Contain-  
ing Sulfuric Acid and Copper Sulfate in Conditions of  
Constant Saturation of the Solution With Oxygen, by  
A. I. Kinovsky, 4 pp.

Full tr

RUSSIAN, no par, Zhur Prikl Khim, Vol XVIII, No 10,  
1955, pp 1113-1115. CIA C 42:15

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Scientific - Chemistry  
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King, Aden J., Kanda, Frank A. and Clark, Charles C.  
METHODS FOR THE PREPARATION OF DEBORANE.  
4 Nov 60 [11]p. 4 refs. MCL-741/1.  
Order from LC or SLA ml\$2.40, p\$3.30 61-19358

Rough draft trans. of German patent specification  
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A reaction mixture, consisting of boron trioxide or bo-  
rates and either boron, carbon, metal borides, metal  
carbides or boron carbide as a reducing agent is heated  
in a hydrogen atmosphere from 850 to 1500°C. The  
reagent is applied in a one- to one-thousandfold (pref-  
erably in a three- to tenfold) amount of the quantity re-  
quired for conversion of boron-, carbon-, and metal  
parts, present in the mixture, into boron suboxide,  
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