

Tanaka, Hideo; Tomioka, Sei and others.
A PROCESS FOR THE PRODUCTION OF CRYSTALLINE
VINYLCHLORIDE POLYMERS. 3 July 63 [9]p.
Order from SA \$16.00 SA Code-P65

Trans. of published Japanese patent 11,542/1962,
cl. 26-B-141, appl. no. 38497/1960, 20 Sep 60, pub.
20 Aug 62, by Daiwa-Boseki Co.

DESCRIPTORS: *Polyvinyl chloride, Crystals,
Production, Copolymerization, *Nitriles, Butyl
radicals, *Acetonitriles, *Benzonitriles.

(Materials--Plastics, TT, v. 10, no. 4)

63-17687

- I. Tanaka, H.
- II. Tomioka, S.
- III. Patent (Japan)
37-11 542
- IV. SA Code-P65
- V. Seizaburo Aoki (Japan)

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Tanaka, Hisao.

THE EFFECT OF OXYGEN ON THE GELATION OF
UNSATURATED POLYESTER RESIN. Oct 62, 7p.
(figs. omitted) 2 refs.
Order from SA \$15.00 SA Code-G290

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 2, p. 396-398.

DESCRIPTORS: *Esters, Polymers, Resins, *Styrenes,
*Gels, Oxygen, Preservation, Carbon dioxide, Rare
gases.

(Materials--Plastics, TT, v. 8, no. 12)

62-34463

- I. Tanaka, H.
- II. SA Code-G290
- III. Seizaburo Aoki (Japan)

1236403

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Photochemistry in the Schumann Region (1900-1200A),
by I. Tanaka, 31 pp.

JAPANESE, ~~Per~~, Chemistry and Chem Ind Japan, Vol
VIII, 1955, pp 467-477. (Loan Copy Only)

SLA 57-3055

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Aug 58

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Tanaka, Ikuzo.
RECENT TRENDS IN PHOTOCHEMICAL RESEARCH.
[1961] 23p. (3 figs. omitted) 35 refs.
Order from SLA \$2.60

61-18841

Trans. of Kagaku (Japan) 1957, v. 27, no. 9,
p. 451-456.

Another trans. is available from SLA mi\$2.70, ph\$4.80
as 59-15088, May 58, 25p.

DESCRIPTORS: *Ultraviolet radiation, *Photochemical
reactions, *Photochemistry, Ionization potentials,
Mass spectroscopy, Chemical reactions.

(Chemistry--Physical, TT, v. 7, no. 1)

61-18841

I. Tanaka, I.

184212

Office of Technical Services

Recent Developments in Photochemistry. A Discussion
Centered About the Photochemistry of the Vacuum
Ultraviolet Region, by Ikuzo Tanaka, 25 pp.

JAPANESE, Per, Kagaku, 1957, Vol XXVII, No 9, pp ⁴⁵¹~~542~~-
~~556~~.
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Refrigeration, by Junkichi Nagaoka, Kazuo
Tanaka.

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1962.

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SH211 E82 No 473

Sci-Biol

OCT 63

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On the Chalky Deposits in Oysters, by Kojiro Tanaka,
31 pp.

JAPANESE, rpt, Imperial Fisheries Experimental
Station ~~SEE~~ Fishery Investigation, No 4, 1937.

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Biol Station
St. Andrews, N.B.

Sci

Feb 64

SI- 13588

16 Jan 67

Electrolyte action of silver bromide-sol incl.
polyvinyl alcohol (P), by Tanaka Keichi, Fujii
Atsuo, 4pp

(source unknown), -
Japanese

Special Type²²: Translator's draft plus one
enap

incl. graphics;
orig. micropp-46 not mutilate,

14pp

APPROVED FOR RELEASE: 2005/08/10 CIA-RDP91-00929R000100030050-3

TANAKA, K., KAJIURA, T. and TAKETOSI, H.
ATS-53E2]. Syntheses of hypnotics. III. Syntheses
of 5,5-dialkyl-2-thiohydouracils. J. Pharm. Soc.
Japan, 70, no.3, p.164-167, 1953. (Sp.)

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Chemical Research on the Rare Minerals Produced in
the Orient (25), by K. Kimura, K. Tanaka, 6 pp.

JAPANESE, per, J Chem Soc Japan, Vol LVII, No 11,
28 Nov 1936, pp 1205-1207.

SLA Tr 57-1844

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Crystal Structure and Physical Properties of CdSe, ²⁴
by Masaharu Aoki, Shoji Tanaka, 16 pp.
JAPANESE, per, Butsuri, Vol XXIV, 1955, pp 113-117.
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AEC-SC-T-64-916

Sci-Chem
Dec 64

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On the Effect of the Concentration of Salt on the
Chalky Deposits in Oysters, by Kojiro Tanaka, 9 pp.

Full translation.

JAPANESE, per, Suisan Kenkyu-shi, Vol XXXVIII, No 12,
1943, pp 222-224.

Scientific - Biological

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in E. O. L. 27, 231 file
3 in the 1st file
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[unclear]*

On the Chalky Deposits in Oysters, by Kojiro Tanaka,
31 pp.

Full translation.

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Library, Washington, D.C. 8

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On the Organic Matter in Oyster Shells, by Kojiro
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Bureau of Fisheries & Aquaculture
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Chemistry of Ether, by Komatow, Tanaka, 33 pp.

JAPANESE, per, J Chem Soc Japan Pure Chem Sec,
Vol Li, 1930, pp 138-150.

SLA 57-1443

Sci Chemistry
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CEA-tr-X-291 Uncl.

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PARTAGE DANS LA MÉTHODE DE DIFFUSION GAZEUSE.
(Contribution to Study of Separation Coefficient
in Method of Gaseous Diffusion). K. Tanaka.
Translated into French from Nippon Kagaku Zasshi,
79: 740-4(1958). 24p. 9092309

Isotope Separation; Translations MC-22

C-22 NP NSA Dep.(mc); \$2.60(fs), \$0.92(mf)
JCL

N-3

Tanaka, M.
APPLICATION OF LOW POLYMERS: TELOMERS.
[1961] 14p.
Order from ATS \$24.65 ATS-44N57J

Trans. of Kagaku (Japan) 1961, v. 16, no. 2,
p. 151-159.

DESCRIPTORS: *Polymers, Polymerization *Chemical
reactions.

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

62-12551

- I. Title: Telomers
- I. Tanaka, M.
- II. ATS-44N57J
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

207870

Office of Technical Services

FLUIDIZED-BED REDUCTION OF IRON ORES WITH NATURAL
GAS, BY M. TANAKA, M. OKUYAMA.

JAPANESE, PER, TETSU TO HAGANE, VOL XLVIII,
NO 4, 1962, PP 418, 419.

HB 5684

SCI - MIN/MET
OCT 62

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Study of the Reduction of Magnetite ['Iron Sand']
in Double Fluidized Beds, by M. Tanaka, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLV, No 3,
1959, pp 177: 178.

HB 4710

Sci - Min/Met

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Preparation of Acrylic Acid Esters, by M.
Tanaka, K. Yamamoto, K. Sato and M. Oku,
3 pp.

JAPANESE, patent No 4919, 1953. Patent Appl
Filed 2/16/52. Published 9/30/53.

~~SECRET~~ 20116J

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Jul 58

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Preparation and Polymerization of α -(2-Cyanoethyl)-
Acrylonitrile, by Makoto Tanaka, Seiji Asai,
Shimpei Takaya, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXII,
No 11, 1959, pp 1786-1788.

SLA 61-10001

Sci

Apr 61

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Tanaka, Masao; Kato, Yo, and Kinoshita, Shukuo.
ENZYMATIC STUDIES ON THE OPTICAL ACTIVITY
OF AMINO ACIDS. PT. VII. PURIFICATION AND
SOME PROPERTIES OF GLUTAMIC ACID RACE-
MASE. [1963] [22]p. (foreign text included) 32 refs.
Order from SLA \$2.60 63-16248

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1961,
v. 35, no. 14, p. 1378-1381.

DESCRIPTORS: *Amino acids, *Glutamic acid,
*Enzymes, Purification, *Racemases, Optical analysis,
*Stereochemistry.

(Biological Sciences--Biochemistry, TT, v. 10, no. 5)

63-16248

- I. Tanaka, M.
- II. Kato, Y.
- III. Kinoshita, S.
- IV. Title: Purification ...

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Electrostatic Painting Apparatus, by Minoru Tanaka,
5 pp.

JAPANESE, Patent Appln Pub No 29-7330 (Patent 211,561).

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Sci - Engr

Jul 63

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Volumetric Determination of Manganese and of
Chromium by Silver Peroxide, by Motoharu
Tanaka, 13 pp.

FRENCH, per, Bull Chem Soc Japan, Vol XXVI,
No 6, 1953, pp 299-302.

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Copepods of Sagami Bay. II. Family Candacidae, by O. Tanaka.

JAPANESE, per, Scientific Fisheries Association, Proceedings (Tokyo), Vol VI, No 4, 1935, pp 210-227.

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US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

Sci - Biol
Jun 59

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Effect of Ultrasound on Behavior of [High-Purity] Iron at Elevated Temperatures, by S. Tanaka, T. Yoshida, K. Takagi.

JAPANESE, per, Tetsu to Hagane, Vol XXXVIII, No 11, 1952, pp 33-36.

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\$2.75

Sci - ~~XXXX~~ Physics

Aug 58

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Crystal Structure and Physical Properties
of UO₂, by Shoji Tanaka, Chem. Abstr.,
15 pp.
JANUARY, 1957, UO₂ Research, Vol. 1, 1957, 1957,
pp 213-227.
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On the Mechanism of Indathrene Synthesis, by Soai
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JAPANESE, Journal of the Chemical Society of Japan,
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AEC Tr 1009

Scientific - Chemistry

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A method of analysing a polymodal frequency distribution and its application to the length distribution of porgy, Taius tumifrons (T. & S.).

Bulletin of Tokai Regional Fisheries Research Laboratory, Tokyo, Japan, no. 14: 1-13. In Japanese, with English summary.

Translation by Hack Chin Kim, edited by S. Tanaka and W. E. Ricker, published in Journal of the Fisheries Research Board of Canada, 19(6), Nov. 1962: 1143-1159.

Reprints avail. Biol. Lab., BCF, Seattle, Wash.

Original Article Checked PTM

Tanaka, T. and Yada, S.
KINETICS OF THE CATALYTIC HYDROGENATION
OF 2-ETHYLHEXENE-2-AL-1 IN THE VAPOR PHASE.
[1962] [9]p. 2 refs.
Order from SLA \$1.10

62-18927

Trans. of Kagaku [Kogaku] (Japan) 1957, v. 21,
p. 721-726.

DESCRIPTORS: *Plasticizers, Ethyl radicals, Cyclohexenes, *Aldehydes, Vapors, Hydrogenation, Catalysis, Reaction kinetics, Graphic analysis, Tables.

Reaction rate equations for isobaric gaseous hydrogenation of 2-ethyl-hexene-2-al-1 were obtained. An equation was deduced for obtaining the optimum reaction temperature for each rate of conversion. By effective application, the most economical industrial apparatus can be designed. The results of a sample experiment are shown.
(Chemistry--Physical, TT, v. 10, no. 1)

62-18927

I. Tanaka, T.
H. Yada, S.

1008030

Office of Technical Services

Study on Digital Electronic Computers at Kyoto
University by K. Maeda, T. Sakai, T. Tanaka.
UNCLASSIFIED

JAPANESE per, Denki Teushin Gakkai.

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New Continuous Duty Self Pipe Mill,
by I. Tanaka, T. Tanaka, et al.
JAPANESE, FOR, Sumitomo Suisaku,
Vol 10, No 5, 1964, pp 71-73.
*1964 4485

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I. Tanaka

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Oct 64

Studies on the Use of Power Tillers in
Moist Paddies, Pt II. Soil Reactions Act-
ing on the Wheel Tread, by T. Tanaka,
JAPANESE, per, Nogyo Kikai Gakkaishi,
Vol 19, No 1, 1957, pp 13-17.
SLA TT-66-10730

T. Tanaka

Sci-Agric
June 66

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Enzymatic Action in Pulmonary Tissue, by Shoichi
Kumai, Takeshi Tanaka, Toranosuke Takano, 22 pp.

JAPANESE, per, Manshu Igaku Zasshi, Vol XXVII,
No 6, Dec 1937, pp 965-970, 131-132.

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Scientific - Medicine
CTS/DEX

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Tanaka, Tatsuo.
CHART FOR DESIGN OF CLOSED CIRCUIT GRIND-
ING SYSTEM. [1963] 9p.
Order from SLA \$1.10

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Trans. of Aufbereitungs-Technik (West Germany) 1961,
v. 2, no. 5, p. 198-201.

DESCRIPTORS: *Material separation, *Grinders, Con-
veyors, Feedback, Materials, Particle size, Numerical
analysis, Design.

Topics include; design fundamentals for the mutual re-
lationships between fineness of feed, product and over-
size particle under ideal classifier conditions; use with
classifier; a new definition of separation (cut) size x_c -
(practical determination of a); output of conventional
mechanical classifiers; and planning closed circuit
grinding.

(Machinery--Manufacturing, TT, v. 10, no. 12)

63-20314

I. Tanaka, T.

6163

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Principles of Fineness Control in Closed-Circuit
Grinding, by Tatsuo Tanaka, 9 pp.

GERMAN, per, Zement-Kalk-Gips, Vol X, No 10,
1957, pp 409-413.

SLA 59-⁵1068

Sci
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Vol 2, No 5

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Closed Circuit Grinding With Conventional Air-Separators, by Tatsuo Tanaka, 14 pp.

GERMAN, per, Zement-Kalk-Gips, Vol XI, No 7, 1958, pp 298-304.

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Sci
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Vol 2, No 5

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Theoretical Possibilities for the Granulometric
Composition in Closed-Circuit Grinding, by Tatsuo
Tanaka, 5 pp.

GERMAN, Iper, Zement-Kalk-Gips, Vol XI, No 3,
1958, pp 92-94.

SLA 59-15071

Sci
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Vol 2, No 5

104,808.

Design of Closed Circuit Grinding Installations, by
Tatsuo Tanaka, 13 pp.

GERMAN, per, Zement-Kalk-Gips, Vol XI, No 9, 1957,
pp 396-408.

SLA 59-15069

Sci
Jan 60
Vol 2, No 7

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Tanaka, Tetsuro.
ELECTRICAL-ACOUSTIC TRANSFORMER UTILIZ-
ING PIEZO-EFFECT AT RECTIFYING JUNCTION OF
SEMICONDUCTOR. 16 Aug 62.
Order from WBI \$2.00

Trans. of main claims, including drawings of pub-
lished Japanese patent 37-6855, 3 July 62.

DESCRIPTORS: *Semiconductors, Junction boxes,
Rectifiers. *Piezoelectric effect, Audiofrequency
transformers, Transformers.

(Physics--Solid State, TT, v. 8, no. 7)

62-22296

- I. Tanaka, T.
- II. Patent (Japan) pub. 37-6855
- III. Birkenhead, Warren, Inc.,
Seattle, Wash.

C223047

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Tanaka, Teturo.

AN ELECTRICAL-ACOUSTIC TRANSDUCER UTILIZING PIEZOELECTRIC EFFECT AT SEMICONDUCTOR RECTIFYING JUNCTION. Sep 62.
Order from WBI \$2.00

Trans. of main claims, including drawings, of published Japanese patent 37-13368, 8 Sep 62.

DESCRIPTORS: Acoustics, *Transducers, Piezoelectric effects, *Semiconductors, *Rectifiers.

(Engineering--Electronic, TT, v. 8, no. 11)

62-34066

- I. Tanaka, T.
- II. Patent (Japan) pub. 37-13 368
- III. Birkenhead, Warren, Inc.,
Seattle, Wash.

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On the Soils of the Saipan, Tinian and Rota
Islands, Mariana. Part I & II, by Kawamura
Kazumi, Tokuichi Tanaka.

JAPANESE, per, Journal of the Science of Soil
and Manure, Vol XIV, Nos 7-8, 1940, pp 439-484.

Dept of Int *air*
209(900) *qUn33pr* no. 374

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K. Tanaka

**Photometric Determination of Pin in Iron and
Steel With Pyrocatechol Violet After Separation
by Extraction With Benzene.**

JAPANESE, per, Bunseki Kagaku, Vol 13, 1964,

pp 725-729.

NTC 72-13791-07B

Nov 72

**1, 3-Dialkylmercaptobenzenes as Stationary
Liquids for Gas Chromatography.**

by Y. Tanaka et al.

JAPANESE, per Bunseki Kagaku, Vol 13 (8)

1964, pp 745-748.

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Y. TANAKA

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Sci-Chem

Apr 66

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Experimental Research on the Penetration of Co-60
Gamma-Ray Through Finite Homogeneous and
Heterogeneous Media, Parts I and II, by H. Mochizuki,
Y. Tanaka, et al, 47 pp. 58
JAPANESE, per, Nippon Genshiryoku Gakkaishi, Vol IV,
1962, pp 448-456.
AEC-NP-Tr-1139

Sci-Nucl Sci
Sep 64

265,870

Synthesis of Dimethylacetal by the
Condensation of Methanol and Acetylene,
by S. Tamaru, Y. Tanaka.
JAPANESE, per, Nihon Kagaku Zasshi, Vol LVI,
No 4, 1935, pp 486-504.
SLA TT 64-30147

Y. Tanaka

MPE May 67

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Experimental Study on the Penetration of ^{60}Co
 γ -Rays Through a Finite Heterogeneous Media,
II, by Hiroji Mochizuki, Yoshida Tanaka, et al,
2 12 pp.

JAPANESE, per, Nippon Genshiryoki Gakkaiishi,
Vol IV, No 10, 1962, pp 703-707. 9216865

AEC-Tr-6054

Sci - Nucl Sci
Jan 64

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On the Microchemical Study of the
Localization of Myoglobin in the Muscle,
by P. A. Vertolovitch, G. L. Tuzson,
S. H. Fleckner,
RUSSELL, par, ~~Strenuousness~~ ~~Exhaustion~~
Vol 22, No 9, 1952, pp 47-51.
GPO 12-67-60315

G. D. Tanaka

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DEVELOPMENT OF INTEREST IN THE SERVICES OF ROMANIA
DURING THE PEOPLE'S REVOLUTION, BY G. STANESCU, ET AL.

ROMANIAN, REV. REVISTA - REVISTA COMUNITATII-COMUNISTE,
VOL. IV, NO. 2, 1962, PP. 1-9.

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Reactions in the System $\text{GeO}_2\text{-HF-H}_2\text{O}$ at 25° , by I. V. Tananaer, K. A. Avdnorskaya.

RUSSIAN; per, Zhur Neorg Khim, Vol III, No 9, 1958, pp 2165-2171.

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I. V. Tananaev

Composition and Stability of Fluoroferrate
and Fluoroberyllate Complexes in Solutions,
According to Solubility Determinations.

RUSSIAN, per, Zhurnal Neorganicheskoi Khimii,

Vol 5, No 2, 1960, pp 321-326

NTC 72-12604-07B

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On the Ternary System AlF_3 -HF-H₂O, by I. Tananaev,
8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol VIII, No 12,
1938, pp 1120-1124.

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Chemistry and Outer Space, by I. Tananayev, 3 pp.

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The Dailyx Review
Vol VIII, No 77, (485)
Friday, September 28, 1962

Sci - Chem

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Sorption of Germanium on Aluminum Hydroxide,
by I. V. Tananayev, M. Ya. Shpirt, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 4, 1961, pp 907-909.

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The Use of Spectrophotometry for the Study
of Composition and Structure of Chloride
Complexes of Cobalt, by I. V. Tanansyev,
B. F. Dzhurinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 1, 1961, pp 120-123.

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Jun 62

The Solubility Series of Ferrocyanides, by I. V.
Tananayev, M. A. Glushkova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, ~~Vk~~ Vol I, No 1, 1956,
pp 66-68.

AEC-tr-4582
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Aug 62

PST 571

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The Solubility Product of Ethylenediaminetetracetic
Acid, by G. S. Tereshin, I. V. Tananayev, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 5,
1961, pp 523-~~526~~.

CB

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Jul 62

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A study of the Formation Reaction of Cadmium Hydroxide,
by I. V. Tananayev, N. V. Maarenishvily, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 10, 1966.
pp 2225-2231.

AEC-Tr-4591
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A study of the Formation Reaction of Zinc Hydroxide,
by I. V. Tananyev, N. V. Mzareulishvily, 9 pp.
RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 10, 1956,
pp 2216-2224,

AEC-Tr-4591
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Sci
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Ferrocyanides of ~~X~~ Yttrium and Cerium, by I. V.
Tananayev, G. B. Seifer, 12 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 1, 1956,
pp 53-63.

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The Chemistry of Uranium Fluorides, by I. V.
Tananaev, N. S. Nikolayev.

RUSSIAN, per, Uspekhi Khim, No 12, 1961, pp 1490-.

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Investigation of the Formation of Uranium Tetrafluoride
in Solution, by I. V. Tananayev and G. S. Savchenko,
7 pp.

RUSSIAN, per, Atom Energiya, Vol. XII, No 5,
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Physicochemical Analysis of the Cobalt Chloride-
Rubeanic Acid-Water System, by I. V. Tananayev, L. M.
Shapiro, 5 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 6, 1957,
pp 1424-1427.

AEC-tr-4056
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PST No 83

On Mixed Calcium Ferrocyanides With Rubidium and
Cesium, by I. V. Tanansyev, G. B. Seyfer, 5 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 3, 1957,
pp 600-603.

AEC-tr-4053
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PST No 80

Investigation of Interaction in the System GeO_2 -
 $\text{H}_2\text{C}_2\text{O}_4$ - H_2O at 25° , by I. V. Tananayev, K. A.
Avdyevskaya, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9, 1958,
pp 2172-2177.

AEC-tr-4457
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Uranyl Ferrocyanides, by I. V. Tananayev, M I. Levina,
11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9, 1958,
pp 2045-2052.

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May 62

PST 379

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Thallium Ferrocyanides, by I. V. Tanasayev, M. A.
Glushkova, 12 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 10, 1957,
pp 2475-2482.

AEC-tr-4060
PL-480

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PST 87

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The Composition and Stability of Some Aluminum
Fluorides in Solution, by I. V. Tananayev, A. D.
Vinogradova, 22 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 10, 1957,
pp 2455-2467.

AEC-tr-4060
PL-480

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Aug 61

PST 87

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Zirconium Ferrocyanides, by I. V. Tanayev, E. A. Ionova, 12 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 10, 1957, pp 2468-2474.

AEC-tr-4060
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Aug 61

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